



# 2023 PRODUCT CATALOGUE

# TAKSTAR®

Recording Webcast/Interview/Headphones/Instrument/Portable Amplifier/Conference/Wireless Microphone



# COMPANY INTRODUCTION

Established in 1995, Takstar is a leading manufacturer in the electro-acoustic industry. The company devotes itself to providing you with the best possible audio processing solutions.

Our product range has since grown into a diverse array of professional microphones, headphone sets, voice amplifiers and integrated applications. This way, we help the user fulfill their dream of enjoying high-quality entertainment and become their trustworthy partner for innovative technology and top-level products. Being of international reputation and market influence, we combine R&D, design, manufacturing, sales and service on our mission to assure continuous development of the industry.

Takstar's production base boasts up to 210,000 sq. meters with 2,500 employees, complete processing workshops and highly advanced equipment.



# OUR TOP PRIORITY

It is our assignment to guarantee a comfortable audio experience and at the same time provide creative solutions for users all around the world.

# COMPANY CHALLENGES

Innovation   Procedural Optimization   Strict Quality Control   Satisfy Customers





# Workshop Facilities

Takstar's manufacturing base has processing and production capabilities including a central laboratory, a soundproof B&K anechoic chamber, as well as various workshops for SMT, wireless electronics, professional condenser microphones, cartridges, speaker cabs, diecast metal parts, printing and packaging. We make good use of over 10,000 sets of advanced manufacturing and automated production equipment, over 500 sets of advanced testing equipment, a modern ERP system and state-of-the-art quality control.

Right now, our team surpasses a number of 1,800 technicians who serve in each business field and more than 100 top-level R&D engineers. Our products range from microphones of various kinds up to headphone amps, integrated applications and audio systems, all with huge annual production capacities.



Production Line



SMT Workshop



Dust-Free Capsule Workshop



Wave Soldering Machine



CNC Horizontal Injection Molding Machine



High-Accuracy CNC Lathe



CNC Horizontal Die-Casting Machine



Full Automatic Ultrasonic Cleaning Line



Dust-Free Automatic Spray-Painting Flow Line



Automatic Pressing Machine



Automatic Screwing Machine



Laser Marking Machine



# Testing Equipment

Takstar has established strict quality management in accordance to ISO9001:2008. The central laboratory of over 400 sq. meters has 100+ professional QC staff working with advanced testing equipment and utilizing different, highly demanding ways of scientific inspection.

Not only does that cover electro-acoustic testing, but also tests for environmental protection, reliability and electromagnetic interference as well as multiple state-of-the-art anechoic chambers and highly advanced Danish B&K / American AP test systems to guarantee premium-quality audio properties of our products.

Starting with incoming stock material, everything is checked in a strict step by step manner by our QC staff: purchase of raw material, component processing, manufacturing, storage and, finally, product delivery.



Anechoic Chamber



Central Laboratory



Audio Precision



B&K Analyzer



Electroacoustic Instrument



X-Ray Fluorescence Tester



3D Measuring Instrument



Temperature & Humidity Testing Machine



Drop Test Equipment



Bluetooth Headset Acoustic Auto-Test System



Bluetooth Headset RF Auto-Test System



Bluetooth Basic Function Test System

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| 060 | Tour Guide System           |



## Conference

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## Wireless Microphone

|     |                         |
|-----|-------------------------|
| 077 | UHF Wireless Microphone |
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| 087 | Accessory               |



RECORDING/  
WEBCAST

>>>>>





## GX1

### Features

- Specialized for virtual lecturing, courseware recording, online chatting and gaming live stream
- Professional sound card chip inside; plug & play, compatible with iOS, Windows and Android systems
- OTG function enables HD lossless recording and live broadcast by connecting to a smartphone
- Highly-sensitive professional condenser capsule easily captures broad sound detail
- Tap to mute mic anytime during live stream
- Monitor and revise your recording in real time for optimal effects
- One-key smart noise reduction filters out ambient noise effectively
- Radiant RGB lighting breathes in changing colors, leveling up the vibes
- Shock-absorbing base dampens desk vibration, also detachable for boom arm installation

### Application

- Virtual lecturing, courseware recording, online chatting and gaming live stream

### Specification

|  |  |
|--|--|
| • Data Transmission: USB2.0                  | • SNR: SQ OFF: >65dB / SQ ON: >75dB (A-Weighted) |
| • Sampling Rate: 44.1/48KHz                  | • Max SPL: 115dB(THD≤1% at 1KHz)                 |
| • Bit Rate: 16bit                            | • Output Impedance: 16~60Ω                       |
| • Capsule: ø14mm electret                    | • Max Output Power: 80mW                         |
| • Polar Pattern: unidirectional              | • Net Weight: about 250g                         |
| • Frequency Response: 20Hz~20KHz             | • Dimensions: ø55×185mm                          |
| • Sensitivity: -16dB±3dB (0dB=1V/Pa at 1KHz) |  |



## GX6

### Features

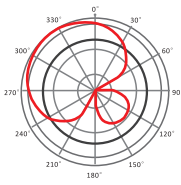
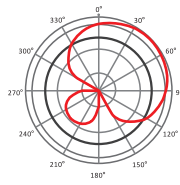
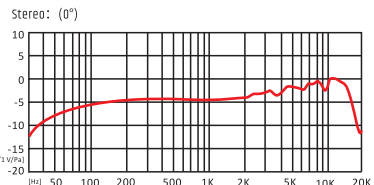
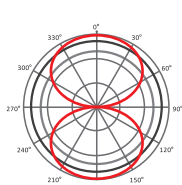
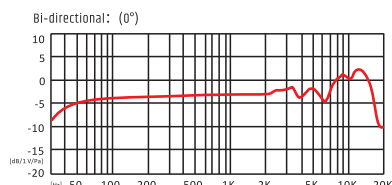
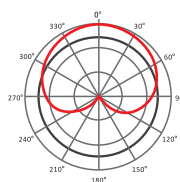
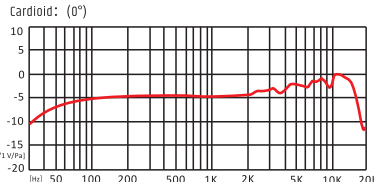
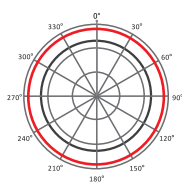
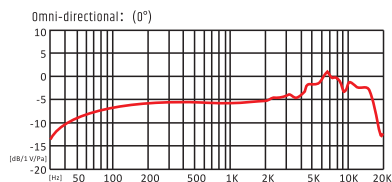
- Adopts three 16mm condenser capsules, clear and natural sound quality
- Supports four adjustable recording modes (stereo, cardioid, bi-directional, omni-directional)
- Built-in low noise and low power consumption microphone amplifying circuit, adjustable microphone input gain
- Adopts touch mute switch for sensitive, reliable and quick operation
- Built-in headphone amplifier and independent headphone monitor volume control to meet the monitoring requirement without delay
- USB digital transmission, plug and play
- Stylish metal structure, durable and fashionable

### Application

- Streaming media (electronic sports, live broadcasting) and music production

### Specification

|                                      |  |
|--------------------------------------|--|
| • Frequency Response: 20Hz-20kHz     | • Data Transmission: USB2.0                                  |
| • Sensitivity: 5.6 mV(1V/Pa at 1kHz) | • Sample Rate: 44.1-192kHz                                   |
| • Max SPL: 120dB (THD: 0.5% 1kHz)    | • Bit Rate: 16/24bit   |
| • Output Impedance: 32Ω              | • System Compatibility: Windows7 or above, OSX 10.9 or above |
| • Output Power(RMS): 100mW           | • Dimensions: Ø60x180mm                                      |
| • S/N Ratio: 100dB (A+)              | • Net Weight: 1140g  |
| • Power Supply: 5V/500mA (USB)       |  |





## PC-K220USB

### Features

- The digital microphone tailored for influencer marketing, webcast, post dubbing, recording
- Built-in USB sound card chip, compatible with windows/iOS/Mac system, without driver, plug and play
- Cardioid condenser cartridge, high sensitivity and sound pressure, reproducing every sound detail
- Mic and headset volume control to adjust mic in gain and headset out volume conveniently
- Ultra-low delay monitoring to monitor the recording effect at real time
- Operation LED for intuitive display of mic operation status
- Zinc alloy housing, solid structure
- Designed with mic clip/stand/windscreen for convenient application

### Application

- Webcast, influencer marketing, post dubbing, recording the singing or playing, etc

### Specification

|   |   |
|---|---|
| • Data Transmission: USB2.0                   | • Power Supply: USB(DC 5V/100mA)          |
| • Sample Rate: 44.1/48KHz                     | • Headset Out Peak Power: ≥120mW          |
| • Bit Rate: 16bit                             | (output 1mW/A weighted, plus 32 Ohm load) |
| • Frequency Response: 20Hz-20KHz              | • Headset Out Distortion: ≤0.1%           |
| • Cartridge: Ø16mm condenser cartridge        | (at 1KHz/Pa, A-Weighted)                  |
| • Polar Pattern: cardioid                     | • Headset Out Impedance: 32Ω              |
| • Sensitivity: -14dB±3dB(0dB=1V/Pa/m at 1KHz) | • Headset S/N Ratio: 88dB(A-Weighted)     |
| • Output Sensitivity: -5dB±3dB                | • Net Weight: approximate 371g            |
| • Max SPL: ≥108dB(at 1KHz, 1%THD)             | • Dimension: Ø54 x 128mm                  |



## TAK35

### Features

- High sensitivity condenser cartridge has accurate pickup directivity to pick up every sound detail
- Optimized residual noise processing suits for various recording or live broadcast environment easily
- Wide frequency response suits for recording vocal, drum, piano sound
- Metal screen effectively filters LF noise. The compact contour does not cover user's face
- Professional elastic shock mount prevents from vibration and effectively eliminates vibration noise

### Application

- vocal recording, professional recording, network live broadcast, instrument recording

### Specification

|  |  |
|--|--|
| • Capsule: Ø16mm condenser cartridge         | • Peak SPL: 130dB (THD≤1% at 1KHz)     |
| • Polar Pattern: uni-directional             | • Output Impedance: 110Ω±30% (at 1kHz) |
| • Frequency Response: 30Hz-20kHz             | • Operating Voltage: 48V phantom power |
| • Sensitivity: -36dB±3dBV(0dB=1V/Pa at 1KHz) | • Unit Dimension: 157x55x38mm          |
| • Equivalent Noise Level: ≤20dBA (IEC 581-5) | • Net Weight: approx 330g              |



## TAK45

### Features

- Cartridge of large gold plated diaphragm, wide frequency response, reproducing original sound
- High sensitivity to pick up every sound detail
- Sound pressure processing capability to prevent from distortion during overload, suitable for picking up various audio source
- Low residual noise, pure recording sound, suitable for various recording or live broadcast
- Metal grille to prevent from pop noise effectively, compact design to avoid covering the user's face
- Metal shock mount to prevent from vibration
- Al alloy case for convenient carrying or storage

### Application

- vocal recording, professional recording, network live broadcast, instrument recording

### Specification

|  |  |
|--|--|
| • Capsule: 34mm gold plated large diaphragm  | • Peak SPL: 135dB (THD≤1% at 1KHz)     |
| • Polar Pattern: uni-directional             | • Output Impedance: 110Ω±30% (at 1kHz) |
| • Frequency Response: 20Hz-20kHz             | • Operating Voltage: 48V phantom power |
| • Sensitivity: -30dB±3dBV(0dB=1V/Pa at 1KHz) | • Unit Dimension: 157x55x38mm          |
| • Equivalent Noise Level: ≤20dBA (IEC 581-5) | • Net Weight: approximate 372g         |



## TAK55

### Features

- Dual gold plated diaphragm capsule ensures accurate directivity and wide frequency response
- Highly accurate correction circuit and components ensure pure original sound
- Three polar patterns (cardioid, bi-directional, omni-directional) suit for different pickup applications
- High SPL processing capability suits for different audio sources pickup
- Low background noise meets the requirement of professional recording
- Built-in attenuation switch effectively reduces LF noise
- Sensitivity attenuation switch endures high SPL pickup
- Provided with professional anti-vibration shock mount
- Al alloy case for convenient transportation and storing

### Application

- Studio, broadcasting station, stage performance, video post-processing, personal recording, instrument recording

### Specification

- |  |   |
|--|---|
| • Capsule: 34mm dual gold plated large diaphragm capsule                               | • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5) |
| • Polar Pattern: cardioid/bi-directional/omni-directional                              | • Peak SPL: 130dB (THD $\leq 1\%$ at 1kHz)                |
| • Frequency Response: 20Hz-20kHz   | • Output Impedance: 150 $\Omega \pm 30\%$ (at 1kHz)       |
| • Cardioid Directivity Sensitivity: $-39\text{dB} \pm 3\text{dBV}$ (0dB=1V/Pa at 1kHz) | • Operating Voltage: 48V phantom power                    |
| • Sensitivity Attenuation: -10dB   | • Unit Dimension: 157x55x38mm                             |
| • LF Attenuation: 150Hz (6dB/oct)  | • Net Weight: 372g  |



## SM-18 EL

### Features

- High-sensitivity condenser capsule, accurate pickup pattern, capturing more details
- Optimized residual noise level, qualified for various recording/livestream environments
- Wide frequency response, suitable for recording vocal/drum/piano
- Metal pop screen filters out LF noise, less likely to block your face
- Dedicated, high-performance shock mount effectively removes vibration noise

### Application

- Studio/vocal/instrument recording, livestreaming

### Specification

- |   |   |
|---|---|
| • Capsule: $\varnothing 16\text{mm}$ condenser capsule            | • Peak SPL: 130dB (THD $\leq 1\%$ at 1kHz)          |
| • Polar Pattern: uni-directional                                  | • Output Impedance: 110 $\Omega \pm 30\%$ (at 1kHz) |
| • Frequency Response: 30Hz-20KHz                                  | • Power Requirement: 48V phantom power              |
| • Sensitivity: $-36\text{dB} \pm 3\text{dBV}$ (0dB=1V/Pa at 1kHz) | • Mic Dimensions: 157x55x38mm                       |
| • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5)         | • Mic Weight: approx. 340g                          |



## SM-18 PURE

### Features

- $\varnothing 34\text{mm}$  capsule with gold-plated large diaphragm, wide frequency response, reproducing original sound
- High sensitivity, easily picks up subtle sound details
- Excellent SP processing prevents overload distortion and suits various sound sources
- Low residual noise, cleaner recording, up to different recording/livestream environments
- Specialized metal pop screen, compact, unobstructive, yet effective in eliminating plosives
- Dedicated, high-performance shock mount effectively removes vibration noise
- Supplied with a premium aluminum case for easy storing and carrying

### Application

- Studio/personal/instrument recording, livestreaming

### Specification

- |   |   |
|---|---|
| • Capsule: $\varnothing 34\text{mm}$ , with gold-plated large diaphragm | • Peak SPL: 135dB (THD $\leq 1\%$ at 1kHz)          |
| • Polar Pattern: uni-directional  | • Output Impedance: 110 $\Omega \pm 30\%$ (at 1kHz) |
| • Frequency Response: 20Hz-20KHz  | • Power Requirement: 48V phantom power              |
| • Sensitivity: $-33\text{dB} \pm 3\text{dBV}$ (0dB=1V/Pa at 1kHz)       | • Mic Dimensions: 157x55x38mm                       |
| • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5)               | • Mic Weight: approx. 372g                          |





## SM-18 PRO

### Features

- Doubleside gold-plated diaphragm, accurate pickup pattern, wide frequency response
- High-precision correction circuit and electronic parts ensure clear original sound
- 3 selectable pickup patterns (uni-/bi-/omni-directional) for various occasions
- High SPL processing capability for various sound sources
- Low residual noise, up to studio recording needs
- Low cut control effectively reduces LF noise
- Attenuation pad caters for high SPL recording, prevents overload distortion
- Dedicated, high-performance shock mount included
- Specialized pop screen greatly eliminates plosives
- Supplied with an aluminum case for easy storing and carrying

### Application

- Studio, broadcast station, stage performance, post-production, personal/instrument recording

### Specification

|  |   |
|--|---|
| • Capsule: $\varnothing 34\text{mm}$ , with doubleside gold-plated diaphragm | • Low Cut: 150Hz (6dB/oct)                                |
| • Polar Pattern: Uni-/Bi-/Omni-directional                                   | • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5) |
| • Frequency Response: 20Hz-20KHz   | • Peak SPL: 130dB (THD $\leq 1\%$ at 1KHz)                |
| • Cardioid Sensitivity: $-39\text{dB}\pm 3\text{dBV}$ (0dB=1V/Pa at 1KHz)    | • Output Impedance: $150\Omega\pm 30\%$ (at 1KHz)         |
| • Sensitivity Attenuation: -10dB   | • Power Requirement: 48V phantom power                    |
|  | • Mic Dimensions: 157x55x38mm                             |
|  | • Mic Weight: approx. 372g                                |



## SM-8B

### Features

- Top quality back electret condenser transducer
- High sensitivity and low self noise
- Built-in pre-amplifier circuitry for unrivalled sound performance
- Wide frequency response range
- LED power indicator

### Application

- Recording, broadcasting, live performance

### Specification

|   |   |
|---|---|
| • Transducer Principle: Back Electret Condenser                 | • Output Impedance: $200\Omega\pm 30\%$ (at 1kHz)       |
| • Directivity Characteristic: Cardioid                          | • Load Impedance: $\geq 1000\Omega$                     |
| • Frequency Response: 30Hz-20kHz                                | • Power Requirements: 48V DC Phantom Power              |
| • Sensitivity: $-38\text{dB}\pm 2\text{dB}$ (0dB=1V/Pa at 1kHz) | • Body Dimensions: $\varnothing 54 \times 128\text{mm}$ |
| • Equivalent Noise Level: $\leq 22\text{dB A}$ (IEC 581-5)      | • Net Weight: 371g                                      |
| • Max. Input SPL: 140dB (THD $\leq 1.0\%$ at 1kHz)              |   |



## PC-K200

### Features

- Traditional classic contour, metal structure
- High sensitivity condenser cartridge easily picks up delicate sound details
- Cardioid directivity for accurate pickup and effectively reducing the pickup of ambient noise
- Optimized residual noise processing for various recording and live broadcast environment
- Wide frequency response suits for vocal recording, instrument recording, etc
- Power LED for the microphone operation status indication
- Compact elastic shock mount for convenient installation and carrying
- Windscreen effectively eliminates pop noise and wind noise

### Application

- Desktop PC, laptop, mixer, personal studio, professional studio, chatting room, broadcast station

### Specification

|  |   |
|--|---|
| • Cartridge: $\varnothing 16\text{mm}$ condenser cartridge       | • Equivalent Noise Level: 130dB(THD $\leq 1\%$ at 1KHz)   |
| • Polar Pattern: cardioid  | • Output Impedance: $200\Omega\pm 30\%$ (at 1KHz)         |
| • Frequency Response: 30Hz-20kHz                                 | • Operation Voltage: 48Vphantom power                     |
| • Sensitivity: $-36\text{dB}\pm 3\text{dBV}$ (0dB=1V/Pa at 1KHz) | • Dimension: $\varnothing 54\text{mm}\times 128\text{mm}$ |
| • Equivalent Noise Level: $\leq 24\text{dBA}$ (IEC581-5)         | • Net Weight: 371g  |



## PC-K320

### Features

- High performance back electret condenser capsule features wide frequency response and natural sound quality
- Built-in transistor circuit features low noise and stable performance
- Unique alloy outlook design, durable and fashionable
- 3 optional colors (black/silver/red)
- Provided with customized shock mount and tripod for convenient use

### Application

- Broadcasting, PC recording, instrument recording

### Specification

- |   |  |
|---|--|
| • Transducer Principle: Back Electret Condenser | • Max. Input SPL: 130dB (THD≤1.0% at 1kHz) |
| • Polar Pattern: Cardioid                       | • Output Impedance: ≤200Ω                  |
| • Frequency Response: 20Hz-20kHz                | • Power Requirement: 12-52V Phantom Power  |
| • Sensitivity: -32dB±3dB (0dB=1V/Pa at 1kHz)    | • Net Weight: 340g                         |
| • Equivalent Noise Level: ≤13dB A               |  |



## PC-K600

### Features

- Gold-plated, 0.4 micron ultra thin and Ø34mm large diaphragm ensure exquisite and accurate sound reproduction
- Switchable bass filter to eliminate unwanted low frequency noises
- Switchable 10dB attenuation for improving the sound fidelity and eliminate environmental noise
- Adopts patent WPH Restrained 180° 3-layer wire mesh noise filter technology, the breathing and wind noise at 180° can be effectively filtered
- Supplied with professional microphone amplifier which features high gain, switchable and adjustable reverberation effect
- Supplied with metal shock mount, cable and table stand

### Application

- Recording, chat room, broadcasting

### Specification

- |   |   |
|---|---|
| • Cartridge: Ø34mm gold plated diaphragm, condenser | • Load Impedance: ≥1000Ω                    |
| • Polar Pattern: cardioid                           | • Equivalent Noise Level: ≤10dB (IEC 581-5) |
| • Frequency Response: 20Hz-20kHz                    | • Max. Input SPL: 140dB (THD ≤1.0% at 1kHz) |
| • Sensitivity: -33dB±3dB (0dB=1V/Pa at 1kHz)        | • Power Requirement: 48V phantom power      |
| • Output Impedance: 100Ω±30% (at 1kHz)              | • Body Dimension: Ø50*188mm                 |
|   | • Net Weight: 480g                          |



## PC-K820

### Features

- Precise large gold-plated diaphragm capsule features wide frequency response, high dynamic range and clear sound details performance
- Extreme low background noise audio processing circuit satisfies the demand of professional recording
- High-pass filter switch effectively reduces the low frequency ambient noise
- Fashionable alloy outlook design, professional and elegant
- Sensitivity attenuation function ensures high SPL up to 155dB
- Provided with high grade aluminium carrying case for convenient carrying and storage
- Customized windscreen effectively eliminates the "pop" sound and air flow noise

### Application

- Professional studio recording, broadcasting, PC recording, instrument recording

### Specification

- |   |   |
|---|---|
| • Element: Large gold-plated diaphragm, condenser | • Max. Input SPL: 145 dB (THD≤1.0% at 1kHz) |
| • Polar Pattern: Cardioid                         | • Output Impedance: ≤200 Ω                  |
| • Frequency Response: 30Hz-20kHz                  | • Operating Voltage: 12-48V Phantom Power   |
| • Sensitivity: -33 dB±3dB (0dB=1V/Pa at 1kHz)     | • Net Weight: 410g                          |
| • Equivalent Noise Level: ≤11dB A                 |   |





## PC-K750

### Features

- Professional condenser cartridge for wide frequency response and dynamic range, and high-fidelity sound reproduction
- Optimized audio processing circuit of low background noise to deliver clean and transparent sound and meet various recording requirements
- High-sensitivity design to capture every sound detail to deliver full sound and for you to sing for a long time without feeling tired
- Excellent SPL performance to guarantee the fidelity of output sound under high sound pressure
- Metal windscreen of compact design to avoid covering the user's face while filtering out popping noises
- Metal shock mount for good anti-shocking performance and filtering out low-frequency vibration

### Application

- Live broadcasting, studio recording, personal recording, instrument recording

### Specification

|  |  |
|--|--|
| • Cartridge: $\Phi 14\text{mm}$ electret cartridge | • Peak SPL: 110dB (THD $\leq 1\%$ at 1kHz)           |
| • Polar Pattern: Unidirectional                    | • Output Impedance: 110 $\Omega \pm 30\%$ (at 1kHz)  |
| • Frequency Response: 30Hz-20kHz                   | • Operating Voltage: 48V phantom power               |
| • Sensitivity: -34dB $\pm 3\text{dB}$              | • Dimensions: $\Phi 52\text{mm} \times 187\text{mm}$ |
| • Equivalent Noise Level: $\leq 20\text{dBA}$      | • Net Weight: approx. 420g                           |



## PC-K850

### Features

- $\Phi 34\text{mm}$  large gold plated diaphragm capsule, wide frequency response, wide dynamic, clear and natural sound quality
- Adopts low background noise audio processing circuit to meet the high demand of recording requirement
- High sensitivity design for rich sound details pickup and original sound reproduction
- Prominent SPL performance effectively prevents from overload distortion
- Provided with metal shock mount
- Provided with aluminum carrying case for convenient transportation and storage

### Application

- Online Karaoke, live broadcast, recording studio, broadcast TV station, personal recording, instrument recording

### Specification

|   |  |
|---|--|
| • Capsule: 34mm large gold plated diaphragm capsule       | • Peak SPL: 130dB (THD $\leq 0.5\%$ at 1kHz)     |
| • Polar Pattern: cardioid                                 | • Output Impedance: 200 $\Omega \pm 30\%$ (1kHz) |
| • Frequency Response: 30Hz-20kHz                          | • Operating Voltage: 48V phantom power           |
| • Sensitivity: -30dB $\pm 3\text{dB}$ (0dB=1V/Pa at 1kHz) | • Unit Dimension: 187x52mm                       |
| • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5) | • Net Weight: 529g                               |



## PCM-5560

### Features

- Unique outlook design, perfect combination of profession and fashion
- High efficiency electro-acoustic conversion technology ensures natural and clear sound reproduction
- 3-step sensitivity adjustment switch for different application
- High sensitivity and low impedance design perfectly matches the computer integrated sound card or external sound card connection
- Built-in filter windscreen effectively eliminates unwanted noise such as breathing or wind noise
- Provided with C2-1 special conversion cable for convenient mobile phone karaoke and better sound performance
- Powered by 1pc 1.5V AAA battery, long operating time up to 360 hours

### Application

- Internet TV karaoke, mobile phone karaoke, network karaoke, PC recording, instrument recording

### Specification

|   |   |
|---|---|
| • Transducer Principle: Back electret condenser           | • Max. Input SPL: 128dB(THD $\leq 1\%$ at 1KHz)           |
| • Polar Pattern: Cardioid                                 | +10dB(for network karaoke)                                |
| • Frequency Response: 30Hz-20KHz                          | • Sensitivity: -32dB $\pm 3\text{dB}$ (0dB=1V/Pa at 1KHz) |
| -10dB(for home entertainment)                             | • Equivalent Noise Level: $\leq 18\text{dB}$ (IEC 581-5)  |
| • Sensitivity: -52dB $\pm 3\text{dB}$ (0dB=1V/Pa at 1KHz) | • Max. Input SPL: 118dB(THD $\leq 1\%$ at 1KHz)           |
| • Equivalent Noise Level: $\leq 32\text{dB}$ (IEC 581-5)  | • Output Impedance: 350 $\Omega \pm 30\%$                 |
| • Max. Input SPL: 138dB(THD $\leq 1\%$ at 1KHz)           | • Load Impedance: $\geq 1000\Omega$                       |
| 0dB(for mobile phone karaoke, network karaoke)            | • Power Requirement: 1pc 1.5V AA battery                  |
| • Sensitivity: -42dB $\pm 3\text{dB}$ (0dB=1V/Pa at 1KHz) | • Net Weight: 230g  |
| • Equivalent Noise Level $\leq 22\text{dB}$ (IEC 581-5)   |   |

## PCM-5600

### Features

- Handheld condenser mic for studio recording, livestream karaoke or live performance
- Professional condenser capsule with wide frequency response for detailed dynamic timbre
- Cardioid pickup pattern greatly reduces surrounding noise and feedback
- Two-gear sensitivity control suits various applications
- Comfortable to grip, easy to handle during stage performance
- Internal silicone damper prevents handling noise for clean sound
- Dual-layer metal grille effectively cuts off plosives
- Exquisite full-metal body, upgraded texture and feel

### Application

- Livestream karaoke, live performance, studio recording

### Specification

|  |   |
|--|---|
| • Capsule: condenser capsule                   | • Equivalent Noise Level: $\leq 20\text{dBA}$       |
| • Polar Pattern: unidirectional                | • Peak SPL: 130dB (THD $\leq 1\%$ at 1KHz)          |
| • Frequency Response: 30Hz-20KHz               | • Output Impedance: 110 $\Omega \pm 30\%$ (at 1KHz) |
| • Sensitivity: -41dB $\pm 3\text{dB}$ (at 0dB) | • Power Requirement: 48V +/-4V phantom power        |
| • Gain Control: +10dB                          | • Net Weight: approx. 400g                          |



## H1

### Features

- Tailored for personal entertainment, suitable for wireless karaoke, music listening and cell phone karaoke recording
- Wireless music playback, free from tedious wiring
- DSP digital chip inside allows to quickly and easily switch between on-board sound effects
- Wireless microphone grouping function for duo karaoke
- Ducking function auto suppresses background music whenever you speak, especially convenient for streamers
- Built-in 5W dual speakers plus dual bass, compact yet powerful, produces stereo surround sound from four directions
- Built-in lithium-ion battery for around 6 hours of continuous use; smart power-off after 10-minutes inactivity
- Novel and fashionable design

### Application

- Suitable for wireless karaoke, music listening and cell phone karaoke recording

### Specification

|   |  |
|---|--|
| • Capsule: condenser, 16mm                                | • Operating Temperature: -10°C~45°C          |
| • Polar Pattern: cardioid                                 | • Battery Type: lithium-ion battery          |
| • Frequency Response: 20Hz-20kHz                          | • Battery Capacity: 2600mAh                  |
| • Sensitivity: -37dB $\pm 3\text{dB}$ (0dB=1V/Pa at 1KHz) | • Battery Life: approx. 6hrs (volume at 60%) |
| • Chip: digital DSP                                       | • Charging Method: DC 5V 1A                  |
| • Reverberation Mode: reverb                              | • Charging Interface: Type-C                 |
| • Speaker Power: 2*5W                                     | • Weight: approx. 300g                       |







## PH 200

### Features

- Tailored for mobile Karaoke, webcast, suitable for smartphone/iPad/PC application
- Built-in DSP chip; Press one button to switch 8 sound effect, convenient operation
- Real time accurate monitoring, ultralow delay
- Built-in sound card chip, recording without loss when linking with PC/cell phone via USB
- 12 autotune effects switched freely for easy and reliable singing
- Smart noise reducing function to shield mic picking up ambient noise, purer singing
- Connecting multiple PH 200 microphones in series to realize multi-person singing
- Accompaniment connector, linking with external audio source to play accompaniment or host effect during webcast
- Built-in Li-ion battery, operating during charging, operation time about 10h continuously

### Application

- Cell phone/iPad/PC: Karaoke, webcast, recording
- Suitable for various entertainment webcast APPs and influencer marketing platforms

### Specification

| System Specification   | Battery Specification                 |
|--|---------------------------------------|
| • Data Transmission: USB2.0  | • Type: Li-ion battery                |
| • Sample Rate: 48KHz/16bit   | • Battery Capacity: 1300mAh           |
| • Cartridge: $\Phi$ 16mm condenser cartridge   | • Charging: USB 5V/1A                 |
| • Polar Pattern: cardioid  | • Charging Time: approximate 2h       |
| • Frequency Response: 20Hz-20KHz   | • Operation Time: approximate 10h     |
| • Sensitivity: $-34\pm/-3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}/\text{m}$ at 1KHz) | Connector Specification               |
| • THD: $\text{THD}<0.5\%$ 1KHz   | • Audio Connector:                    |
| • Headset Out Power: 100mW/32 $\Omega$   | Cell phone connector $\Phi$ 3.5mm,    |
| • Main Chip: DSP   | headset connector $\Phi$ 3.5mm,       |
| • Reverb: Reverb   | accompaniment connector $\Phi$ 3.5mm, |
| • Autotune: 12Autotune   | mic connector $\Phi$ 3.5mm            |
| • Dimension: $\Phi$ 30*218mm (dia*H)   | • Data Connector: Micro USB           |
| • Net Weight: approximate 276g   |                                       |



## PH 130

### Features

- Tailored for mobile Karaoke and live broadcasting, suitable for smart phone and tablet PC, compatible with Android or iOS system
- Small gold plated diaphragm capsule features wide frequency response and dynamic range, enduring high SPL without distortion
- Real time headphone monitoring function, ultra-low delay, easy Karaoke and live broadcasting
- Built-in DSP chip, deep sound effect algorithm, wonderful sound
- Compression function automatically attenuates during high SPL singing to reduce distortion
- Integrated wet recording & dry recording switching function for high score singing and convenient post production
- Accompaniment input connector to connect with external audio source equipment for convenient background music or scene music playing during live broadcasting
- Built-in rechargeable Li-ion battery lasts for more than 5 hours operation

### Application

- Cell phone/tablet PC: Karaoke, live broadcasting
- Karaoke/live broadcasting: Sing! Karaoke by smule, Yokee, The Voice: on stage, Red Karaoke, SingPlay

### Specification

|  |  |
|--|--|
| • Capsule: small gold plated diaphragm capsule   | • Digital EQ: EQ adjustment              |
| • Polar Pattern: cardioid  | • Battery Type: Li-ion battery           |
| • Frequency Response: 30Hz-20kHz   | • Battery Capacity: 700mAh               |
| • Sensitivity: $-38 \pm 3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}/\text{m}$ at 1kHz) | • Recharging Mode: USB 5V                |
| • Peak SPL: $\geq 120\text{dB}$ 1kHz ( $\text{THD}\leq 1\%$ )                            | • Operating Time: more than 5h           |
| • Main Chip: DSP   | • Product Dimension: $\Phi$ 31mm x 153mm |
| • Aux Chip: MCU  | • Net Weight: 137g                       |
| • Reverb Mode: reverb  |  |

## TA-68

### Features

- Handheld dynamic mic for presentation, dubbing, livestream recording and live performance
- Pro dynamic capsule with excellent clarity and transient response
- Cardioid pickup pattern greatly reduces surrounding noise and feedback
- Suspension damping system to minimize handling noise and vibration
- Sturdy full-metal structure, upgraded texture and feel
- Comes with a classy flight case for easy storing and carrying

### Application

- Presentation, dubbing, livestream recording and live performance

### Specification

- |                                  |  |
|----------------------------------|--|
| • Capsule: dynamic               | • Sensitivity: -55dB±3dB (0dB=1V/uBar at 1kHz) |
| • Polar Pattern: cardioid        | • Output Impedance: 450Ω±30% (at 1KHz)         |
| • Frequency Response: 50Hz-16KHz | • Net Weight: approx. 430g                     |



## TA-60

### Features

- Rugged zinc alloy structure and metal grille, fashionable and durable design
- Super cardioid pickup, pop-noise-resistant design, low feedback and high gain
- Capsule shock mount design prevents handling noise and ensures the excellent pickup effect
- Wide frequency response, natural reproduction without distortion
- Magnetic-reed switch design prevents ON/OFF surge noise and protects the rear equipments

### Application

- Stage show, karaoke, outdoor activity

### Specification

- |                                  |  |
|----------------------------------|--|
| • Transducer Principle: Dynamic  | • Sensitivity: -51dB±3dB (0dB=1V/Pa at 1kHz) |
| • Polar Pattern: Super cardioid  | • Output Impedance: 350Ω±30% (at 1kHz)       |
| • Frequency Response: 60Hz-18kHz | • Net Weight: 350g                           |



## GH1

### Features

- High-performance dynamic vocal microphone, stable and reliable
- High-precision metal mic grille, anti-oxidation and drop-proof, minimum mechanical and vibration noise
- Sturdy all-metal body, durable and resistant to wear
- Supercardioid pickup pattern, for better gain before feedback while rejecting ambient noise
- Tailored frequency response for vocals, which improves vocal performance and reduces proximity effect

### Application

- Suitable for live and studio applications for vocals

### Specification

- |   |  |
|---|--|
| • Type: Dynamic                             | • Output Impedance: 250Ω±30% (at 1KHz) |
| • Polar Pattern: Supercardioid              | • Peak SPL: 138dB (THD<1% at 1KHz)     |
| • Frequency Response: 20Hz-20KHz            | • Net Weight: 341g                     |
| • Sensitivity: -52.37dB (0dB=1V/Pa at 1KHz) |  |





## DM-2300

### Features

- High sound pressure handling capability
- Clear sound reproduction for live application
- Anti-slide mesh ring
- On/off switch for ease of operating

### Application

- On-stage performance, karaoke, outdoor activities

### Specification

- |  |  |
|--|--|
| • Transducer Principle: Dynamic        | • Sensitivity: -50dB±3dB (0dB=1V/Pa at 1kHz) |
| • Directivity Characteristic: Cardioid | • Output Impedance: 600Ω±30% (at 1kHz)       |
| • Frequency Response: 60Hz-18kHz       | • Net Weight: 350g                           |



PRO-38



E-340





## MX630

### Features

- Tailored for network Karaoke, webcast or pro recording, compatible with Windows7/8/10 system
- USB 2.0 data transmission, high speed, ultra-low delay
- Supporting 24bit/96KHz accurate sampling, clearer recording and playing
- ASIO 2.0 driver standard, compatible with more than two VSTs for webcast or pro recording
- Powerful recording and playing function, connecting microphone for webcast, multiple person chatting fluently during webcast
- Supporting MME/WDM/DirectSound, easy audio signal transmission from sound card to PC
- Volume adjustment of mic/headset/speaker out/cell phone recording
- Two combo mic/instrument input connectors to link with mic/instrument
- One 3.5mm cell phone connector for webcast on PC/cell phone simultaneously
- Two L/R CH 6.3mm TRS bal output connector to link with active speaker

### Application

- Webcast, influencer marketing, network Karaoke, pro recording

### Specification

|  |   |
|--|---|
| Mic/Line in 1-2                            | Line out L/R                                      |
| • Frequency Response: 20Hz-20KHz (±1dB)    | • Frequency Response: 20Hz-20KHz(±1dB)            |
| • Dynamic Range: 80dB, A- weighted         | • Dynamic Range: 98dB, A- weighted                |
| • S/N Ratio: 75dB, A- weighted             | • S/N Ratio: 102dB, A- weighted                   |
| • THD + Noise: <0.025%(-72dB)              | • THD + Noise: <0.0125%(-78dB)                    |
| • Intermodulation Distortion: -77dB @ 1KHz | • Intermodulation Distortion: -65dB @ 1KHz        |
| • Input Impedance: inst in, 6.8KΩ, typical | • Output Impedance: 75Ω                           |
| • Mic in: 6.8KΩ, typical                   | • Load Impedance: 32-600Ω                         |
| • Adjustable Gain: >50dB                   | • Max Output Level: +0 dBV                        |
| • Gain Range: +54dB                        | General Specification                             |
| Line/Accompaniment 3-4                     | • Data Transmission: USB2.0                       |
| • Frequency Response: 20Hz-20KHz(±1dB)     | • Sample Ratio: 44.1-96KHz/24bit                  |
| • S/N Ratio: 100dB, A- weighted            | • Power Supply: DC 12V 1A (external power supply) |
| • THD + Noise: <0.0031%(-90dB)             | • Operation Temperature Range: 0-40°C             |
| • Dynamic Range: 97dB, A- weighted         | • Dimension: 140*140*33.5mm(L*W*H)                |
| • Max Input Level: +0dB gain: 0dB          | • Net Weight: approximate 465g                    |
| Headphone output 1-2                       | Connector   |
| • Frequency Response: 20Hz-20KHz(±1dB)     | • Cell Phone Connector: Φ3.5mm                    |
| • Dynamic Range: 99dB, A- weighted         | • Accompaniment Connector: Φ3.5mm                 |
| • S/N Ratio: 103dB, A- weighted            | • Mic Connector 1: XLR+Φ6.35mm                    |
| • THD + Noise: <0.0056%(-85 dB)            | • Mic Connector 2: XLR+Φ6.35mm                    |
| • Intermodulation Distortion: -75dB @ 1KHz | • Headphone Connector 1: Φ6.35mm                  |
| • Power: 90mW/100Ω                         | • Headphone Connector 2: Φ6.35mm                  |
| • Output Impedance: 75Ω                    | • Speaker Connector: Φ6.35mm(L+R)                 |
| • Load Impedance: 32-600Ω                  | • Power Supply Connector: DC 12V 1A               |
|  | • Data Connector: USB 2.0                         |



## MX630 OTG

### Features

- Tailored for webcasting, karaoke and professional recording; compatible with Windows, macOS, iOS and Android
- Driver is WHQL Certified to ensure stability and compatibility with Microsoft Windows systems
- Adopts USB 2.0 standard for high-speed transmission and ultra-low latency
- Supports high-precision sampling at 24bit/96KHz for clear recording and playback
- Uses ASIO 2.0 driver standard; supports running more than two recording software simultaneously for webcast and professional recording
- Powerful monitoring and recording functions; supports group live stream and chatting without stutter
- Supports MME, WDM and Direct Sound which enable sound signal transmission easily between the device and computer
- Volume controls for microphone, earphone and speaker outputs, as well as for cell phone recording
- Equipped with two combo microphone/instrument input connectors
- OTG function provides lossless recording and live broadcast for cell phones
- Two  $\Phi 6.3$  mm TRS balanced output L/R CH interface can be connected to active speakers

### Application

- Network karaoke, professional recording, live streaming entertainment and e-commerce

### Specification

|   |   |
|---|---|
| MIC/LINE IN 1-2                                     | • Headphone Connector 2: $\Phi 6.35$ mm           |
| • Frequency Response: 20Hz-20KHz ( $\pm 1$ dB)      | • Speaker Connector: $\Phi 6.35$ mm (L+R)         |
| • Dynamic Range: 80dB (A-weighted)                  | • Power Supply Connector: DC 12V 1A               |
| • S/N Ratio: 75dB (A-weighted)                      | LINE/ACCOMPANIMENT IN 3-4                         |
| • THD + N: <0.025% (-72dB)                          | • Frequency Response: 20Hz-20KHz ( $\pm 1$ dB)    |
| • Intermodulation Distortion: -77dB @ 1KHz          | • S/N Ratio: 100dB (A-weighted)                   |
| • Input Impedance: inst in, 6.8K $\Omega$ , typical | • THD + N: <0.0031% (-90dB)                       |
| • MIC IN: 6.8K $\Omega$ , typical                   | • Dynamic Range: 97dB (A-weighted)                |
| • Adjustable Gain: >50dB                            | • Max Input Level: +0dB, Gain: 0dB                |
| • Gain Range: +54dB                                 | LINE OUT L/R                                      |
| HEADPHONE OUT 1-2                                   | • Frequency Response: 20Hz-20KHz ( $\pm 1$ dB)    |
| • Frequency Response: 20Hz-20KHz ( $\pm 1$ dB)      | • Dynamic Range: 98dB (A-weighted)                |
| • Dynamic Range: 99dB (A-weighted)                  | • S/N Ratio: 102dB (A-weighted)                   |
| • S/N Ratio: 103dB (A-weighted)                     | • THD + N: <0.0125% (-78 dB)                      |
| • THD + N: <0.0056% (-85dB)                         | • Intermodulation Distortion: -65dB @ 1KHz        |
| • Intermodulation Distortion: -75dB @ 1KHz          | • Output Impedance: 75 $\Omega$                   |
| • Power: 90mW/100 $\Omega$                          | • Load Impedance: 32-600 $\Omega$                 |
| • Output Impedance: 75 $\Omega$                     | • Max Output Level: +1.2 dBV                      |
| • Load Impedance: 32-600 $\Omega$                   | General Specification                             |
| Connector Specification                             | • Data Transmission: USB2.0                       |
| • Cell Phone Connector: $\Phi 3.5$ mm               | • Sample Rate: 44.1-96KHz/24bit                   |
| • Accompaniment Connector: $\Phi 3.5$ mm            | • Power Supply: DC 12V 1A (external power supply) |
| • MIC Connector 1: XLR+ $\Phi 6.35$ mm              | • Operating Temperature Range: 0-40°C             |
| • MIC Connector 2: XLR+ $\Phi 6.35$ mm              | • Dimension: 140*140*33.5mm (L*W*H)               |
| • Headphone Connector 1: $\Phi 6.35$ mm             | • Net Weight: approx. 465g                        |

## MX1 PLUS

### Features

- Tailored for Karaoke/webcast, suitable for smart phone/iPad/PC
- Built-in DSP chip, 9 sound effects for convenient operation
- 9 host effects to enrich webcast atmosphere
- Bluetooth playing function to play music freely without the trouble of cable connection
- OTG function to link with cell phone via USB for HD recording and webcast
- Smart noise reducing to shield picking up ambient noise for clear singing
- Press one button for ducking function for host application
- Independent adjustment of mic volume, accompaniment volume and reverb volume, flexible control, practical operation
- Multiple mic connectors, providing 48V power supply, compatible with condenser mic/dynamic mic/headset
- Li-ion battery, charging during operation, approximately 8h operation time

### Application

- Cell phone/iPad/PC: Karaoke, webcast, recording
- Suitable for various entertainment webcast APPs or influencer marketing platforms

### Specification

| Sound Card Specification                 | Battery Specification                                    |
|--|--|
| • Data Transmission: USB2.0              | • Battery Type: Li-ion battery                           |
| • Sample Rate: 48KHz/16bit               | • Charging: USB 5V 1A                                    |
| • Frequency Response: 20Hz-20KHz         | • Battery Capacity: 2700mAh                              |
| • THD: THD<0.5% 1KHz                     | • Charging Time: approximately 4h                        |
| • Headphone Output Power: 167.7mW/32Ω    | • Operation Time: approximately 8h (when 48V turned off) |
| • Headphone S/N Ratio: 92dB (A-Weighted) | • approximately 6h (when 48V turned on)                  |
| • Bluetooth Version: V4.2                | Connector Specification                                  |
| • Main Chip: DSP                         | • Audio Connector: cell phone connector (3.5mm)          |
| • Reverb Mode: Reverb                    | accompaniment connector (3.5mm)                          |
| • Autotune: 24 kinds of Autotunes        | microphone connector 1 (Mini XLR)                        |
| • EQ Processing: EQ                      | microphone connector 2 (3.5mm)                           |
| • Product Dimension: 142*98*22mm(L*W*H)  | Headphone connector (3.5mm)                              |
| • Net Weight: approximately 300g         | Headset connector(3.5mm)                                 |
|  | • Data Connector: Type-C connector                       |



## SC-M1

### Features

- Tailored for network Karaoke/live broadcast, suitable for smartphone/tablet PC/PC
- Built-in DSP chip with 9 processing effects, one button to switch, easy operation
- 9 effects to be selected by camboy/camgirl for more interesting live broadcast; Three of the nine can be replaced
- One button to turn on monitoring function; Listen to what your are singing
- Intelligent noise reduction to automatically shield the ambient noise picked up by microphone
- One button to turn on background ducking function
- Independent control of microphone volume, monitoring volume or recording volume, flexible operation
- Multiple microphone connectors, compatible with condenser microphone, dynamic microphone, headphone microphone
- Accompaniment connector to link with external audio source equipment for playing accompaniment during live broadcast
- Built-in Li-ion battery for more than 7h operation; charging during operation

### Application

- Cell phone/tablet PC/PC: Karaoke, live broadcast, recording
- Suitable APP: Sing! Karaoke by smule, Yokee, The Voice: on stage, Red Karaoke, SingPlay

### Specification

| Sound Card Specification:                | Battery Specification:                                 |
|--|--|
| • Data Transmission: USB2.0              | • Battery Type: Li-ion battery                         |
| • Sample Rate: 48KHz/16bit               | • Charging: USB 5V/1.5A                                |
| • Frequency Response: 20Hz-20KHz (±3dB)  | • Battery Capacity: 2700mAh                            |
| • THD: <0.5% 1KHz                        | • Operation Time: approximate 7h (when 48V turned off) |
| • Headphone Output Power: 167.7mW/32Ω    | • approximate 5h (when 48V turned on)                  |
| • Headphone S/N Ratio: 88dB (A-Weighted) | Connector Specification:                               |
| • Main Chip: DSP                         | • Audio Connector: cell phone connector (3.5mm),       |
| • Reverb Mode: Reverb                    | accompaniment connector (3.5mm)                        |
| • Autotune: 24 kinds of Autotunes        | • Microphone Connector: microphone connector 1         |
| • Digital EQ: EQ adjustment              | (Mini XLR), microphone connector 2 (3.5mm)             |
| • Product Dimension: 142*98*22mm(L*W*H)  | headphone connector (3.5mm), headphone                 |
| • Net Weight: 288g                       | microphone connector(3.5mm)                            |
|  | • Power Connector: Micro USB interface                 |







## MX1 Pro

### Features

- Tailored for entertainment webcast, influencer marketing webcast, Karaoke and recording, and suitable for smartphones, tablets and PC
- Built-in DSP digital chip, independent adjustment of reverb, echo and pitch, easy operation
- Bluetooth playing function without the trouble of cable connection to play music more freely
- Adjustment knobs of treble and bass to meet the voice characteristics of different people
- OTG function for the MX1 Pro sound card to connect with a mobile phone via USB to realize high-definition, lossless recording and webcast
- Colorful and cool lighting control for you to switch the lighting effect through the lighting control button
- 8 sound effects for the host to use, 2 of which can be changed freely, thus making webcast more interesting
- Smart noise reduction to shield the microphone from picking up environmental noise, thus making singing noise-free
- One-button ducking function to automatically lower the background music when talking, suitable for webcast
- Supporting simultaneous webcast using two mobile phones and one computer, multi-platform webcast to attract fans
- Built-in high-capacity lithium battery for ultra-long battery life, and convenient to carry and use outdoors

### Application

- Cell phone/Tablet/PC: Karaoke, webcast, recording
- Suitable for a variety of entertainment webcast APPs and influencer marketing platforms

### Specification

|  |   |
|--|---|
| Sound Card Specification                 | • Charging: DC 5V 1.5A                                |
| • Data Transmission: USB2.0              | • Battery Capacity: 4400mAh                           |
| • Sample Rate: 48KHz/16bit               | • Charging Time: approx. 5h                           |
| • Frequency Response: 20Hz-20KHz (±3dB)  | • Operation Time: approx. 8h (when 48V is turned off) |
| • THD: THD < 0.5% 1KHz                   | approx. 6h (when 48V is turned on)                    |
| • Headphone Output Power: 167.7mW/32Ω    | • Net Weight: approx. 490g                            |
| • Headphone S/N Ratio: 90dB (A-Weighted) | Connector Specification                               |
| • Bluetooth Version: V5.0                | • Audio Connector: cell phone connector *2 (Φ3.5mm)   |
| • Main Chip: DSP                         | accompaniment connector (Φ3.5mm)                      |
| • Reverb Mode: Reverb                    | microphone connector 1 (XLR+Φ6.35mm)                  |
| • Autotune: 12 kinds of autotunes        | microphone connector 2 (Φ3.5mm)                       |
| • EQ Processing: EQ                      | headphone connector *2 (Φ6.35mm)                      |
| Battery Specification                    | • Data Connector: Type-C connector                    |
| • Battery Type: Li-ion battery           |   |

## MX1 mini

### Features

- Tailored for webcast and Karaoke, suitable for smart phone, iPad and PC
- Built-in DSP, 9 kinds of sound effects, quick switching, easy to operate
- Mic HFLF adjustment for various vocal and mic sound
- Press one button to switch singing mode to chatting mode
- Press one button for autotune, 12 autotunes for accurate and easy singing
- Press one button for ducking function
- Nine host sound effects to promote funny atmosphere
- Bluetooth function playing music without the trouble of cable connection
- Smart noise reducing to shield picking up ambient noise for pure singing
- Li-ion battery, about 7h operation time, charging during operation

### Application

- Cell phone/iPad/PC: Karaoke, webcast, recording
- Suitable for entertainment webcast APP and influencer marketing platforms

### Specification

|  |  |
|--|--|
| Sound card specification               | Battery specification                            |
| • Data Transmission: USB2.0            | • Battery Type: Li-ion battery                   |
| • Sample Rate: 48KHz/16bit             | • Charging: USB 5V 700mA                         |
| • Frequency Response: 20Hz-20KHz(±3dB) | • Battery Capacity: 1000mAh                      |
| • THD: THD < 0.5% 1KHz                 | • Charging Time: approximate 2.5h                |
| • Headset Output Power: 120mW/32Ω      | • Operation Time: approximate 7h                 |
| • Headset S/N Ratio: 90dB (A-Weighted) | Connector specification                          |
| • Bluetooth Version: V4.2              | • Audio Connector: headset mic connector Φ3.5mm, |
| • Main Chip: DSP                       | mic connector Φ3.5mm,                            |
| • Reverb Mode: Reverb                  | accompaniment connector Φ3.5mm,                  |
| • Autotune: 12 Autotune                | cell phone connector Φ3.5mm                      |
| • EQ: EQ                               | • Power Supply Connector: Type C connector       |
| • Dimension: 111*65*12mm(L*W*H);       |  |
| • Net Weight: approximate 115g         |  |





## MX1 Set

### Features

- MX1 Set is the live broadcast/Karaoke set which consists of MX1 sound card, SM-18 condenser microphone, TS-2260 earphone and accessories
- The sound card features Li-ion battery, 9 sound effects, 9 camboy/camgirl sound effects, compatible with cell phone/iPad/PC, compact design and easy operation
- The microphone features cartridge of  $\phi 34\text{mm}$  large gold plated diaphragm, high sensitivity, wide frequency response, clear sound
- The earphone is tailored for monitoring and features  $\varnothing 9.2\text{mm}$  high resolution driver unit to reproduce rich sound details
- The whole set is designed with high quality alloy case for convenient outdoor application

### Application

- Cell phone/iPad/PC: Karaoke, live broadcast, recording
- App: Suitable for various entertainment live broadcast APPs and influencer marketing platforms

### Specification

| Sound card specification  | Earphone Specification   |
|---|--|
| • Data Transmission: USB2.0   | • Type: dynamic stereo earphone  |
| • Sample Ratio: 48KHz/16bit   | • Unit Diameter: 9.2mm   |
| • Frequency Response: 20Hz-20KHz  | • Unit Impedance: $18\Omega \pm 15\%$  |
| • THD: THD<0.5% 1KHz  | • Frequency Response: 20Hz-20kHz   |
| • Earphone Output Power: 125mW/32 $\Omega$  | • Sensitivity: $95 \pm 3\text{dB SPL}$ (94dB SPL=1Pa) at 1KHz with input=0.126V(1mW) |
| • Earphone S/N Ratio: 90dB (A-Weighted)   | • Peak Power: 5mW  |
| • Main Chip: DSP  | • Rated Power: 3mW   |
| • Reverb: Reverb  | • Cable: dia 2.3mmX2m  |
| • Autotune: 24 Autotunes  | • Connector: 3.5mm three conductor gold plated connector                             |
| • EQ: EQ  | • Net Weight: approximate 13g  |
| • Type: Li-ion battery  |  |
| • Battery Capacity: 2700mAh   | Microphone Specification   |
| • Charging: USB 5V 1.5A   | • Cartridge: cartridge of 34mm large gold plated diaphragm                           |
| • Operation Time: more than 8h (48V off)<br>more than 6h (48V on)   | • Polar Pattern: unidirectional  |
| • Audio Connector: cell phone connector (3.5mm),<br>accompaniment connector (3.5mm),<br>mic connector1 (Mini XLR),<br>mic connector2 (3.5mm), earphone connector (3.5mm),<br>earphone mic connector (3.5mm) | • Frequency Response: 20Hz-20KHz   |
| • Power Connector: Micro USB  | • Sensitivity: $-30\text{dB} \pm 3\text{dBV}$ (0dB=1V/Pa at 1KHz)                    |
| • Dimension: 142*98*22mm(L*W*H)   | • Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5)                            |
| • Net Weight: approximate 300g  | • Peak SPL: 135dB (THD $\leq 1\%$ at 1KHz)   |
|   | • Output Impedance: $110\Omega \pm 30\%$ (at 1kHz)                                   |
|   | • Operation Voltage: 48V phantom power   |
|   | • Dimension: 157mmx55x38mm   |
|   | • Net Weight: approximate 372g   |



## MX1 mini Set

### Features

- Tailored for webcast/Karaoke, suitable for cell phone/iPad/PC
- Built-in DSP, 9 sound effects switching, easy operation
- Mic HF/LF adjustment for various vocal or mic sound
- Press one button to switch singing mode to chatting mode
- Press one button for autotune, 12 autotunes for accurate and easy singing
- Press one button for ducking function
- Bluetooth function playing music without the trouble of cable connection
- Nine host sound effects to promote funny atmosphere
- Smart noise reducing to shield picking up ambient noise for pure singing
- Li-ion battery, about 7h operation time, charging during operation

### Application

- Cell phone/iPad/PC: Karaoke, webcast, recording
- Suitable for various entertainment webcast APPs or influencer marketing platform

### Specification

|  |   |
|--|---|
| Sound Card Specification                         | Microphone Specification                                  |
| • Data Transmission: USB2.0                      | • Cartridge: condenser                                    |
| • Sample Rate: 48KHz/16bit                       | • Polar Pattern: omni-directional                         |
| • Frequency Response: 20Hz-20KHz                 | • Frequency Response: 30Hz-20kHz                          |
| • THD: THD<0.5% 1KHz                             | • Sensitivity: -36dB±3dBV(0dB=1V/Pa at 1KHz)              |
| • Headset Output Power: 125mW/32Ω                | • S/N Ratio: ≥57dB (A-Weighted)                           |
| • Headset S/N Ratio: 90dB (A-Weighted)           | • Peak SPL: 110dB (THD≤1% at 1KHz)                        |
| • Bluetooth Version: V4.2                        | • Output Impedance: 2.2KΩ±30%(at 1KHz)                    |
| • Main Chip: DSP                                 | • Operation Voltage: DC 3.3/5V                            |
| • Reverb Mode: Reverb                            | • Dimension: Φ47X188mm                                    |
| • Autotune: 12 kinds of Autotunes                | • Net Weight: approximate 290g                            |
| • EQ: EQ   |   |
| • Battery Type: Li-ion battery                   | Headset Specification                                     |
| • Battery Capacity: 1000mAh                      | • Type: dynamic stereo headset                            |
| • Charging: USB 5V/700mA                         | • Unit Dia: Ø9.2mm  |
| • Charging Time: approximate 2.5h                | • Unit Impedance: 18Ω±15%                                 |
| • Charging Time: approximate 7h                  | • Frequency Response: 20Hz ~ 20KHz                        |
| • Audio Connector: headset mic connector Φ3.5mm, | • Sensitivity: 95±3dB SPL (94 dB SPL=1Pa)                 |
| mic connector Φ3.5mm,                            | at 1KHz with input=0.126V(1 mW)                           |
| accompaniment connector Φ3.5mm,                  | • Peak Power: 5mW   |
| cell phone connector Φ3.5mm                      | • Rated Power: 3mW  |
| • Power Supply Connector: Type-C connector       | • Cable: Ø2.3mm x 2m                                      |
| • Dimension: 111*65*12mm(L*W*H);                 | • Connector: Ø3.5mm three conductor gold plated connector |
| • Net Weight: approximate 115g                   | • Net Weight: approximate 13g                             |



## MT5

### Features

- Tailored for recording, the effect reaches professional level in studio
- Stereo boost effect benefits your comfort in listening
- Accurate EQ adjustment for flat frequency response
- Silk dome tweeter provides quick transient response, treble details and clear sound
- Polypropylene woofer provides powerful bass dynamic response
- Adjustable acoustic filtering design optimizes monitoring effect
- High frequency filter boosts or decays relative frequency band to adjust sound brightness
- Custom designed internal reinforce ribs, high durability of professional MDF cabinet
- Acoustic foam eliminates noise for better sound field

### Application

- Monitoring during professional recording, music appreciation

### Specification

|  |  |
|--|--|
| • Power Amplifier: Class AB dual power amp | • Max Peak SPL (one couple): 108dB SPL@1m/1w |
| • HF: 1 inch silk dome tweeter             | • Input Adjustment: HF, LF 3 band adjustment |
| • LF: 5.25 inch PP cone                    | • Input Connector: 1*1/4 "TRS, 1*XLR, 1*RCA  |
| • HF Power: 4Ω 20W/40W (peak)              | • EQ: HF filtering sound space               |
| • LF Power: 4Ω 30W/60W (peak)              | • Weight: 4.7KG(net)                         |
| • Frequency Response (±3dB): 57Hz-20kHz    | • Dimension: 180mm*220mm*280mm (WxDxH)       |
| • Crossover: 24dB/octave@2KHz              |  |



## Accessory



### SH-100

SH-100 is an elastic suspension shock mount for side-address microphones especially those of large size; it features excellent stand noise reduction



### MH-7

Rubber microphone mount, Ø21-26mm and adjustable fixing range



### MH-8

Adjustable drum microphone mount



### ST-101

ST-101 is a metal folding tripod for microphones



### ST-103

Suitable for radio station, TV station, studio, personal recording



### ST-105

ST-105 is a metal folding tripod for microphones



## ST-6

- Foldable boom arm for space saving and portability, weighing 1.6kg
- Full-metal tubing construction, sturdy and secure two-section boom arm with a maximum reach of 1m
- One pairs of springs for weight suspension up to 1kg; 270° rotation, one-hand positioning
- Includes smartphone and headphone holders for clean table setup
- Powerful table clamp for secure installation
- Convenient and reliable, suitable for radio station, TV station, studio, personal recording



## ST-7

- Foldable boom arm for space saving and portability
- Full-metal tubing construction, sturdy and secure two-section boom arm with a maximum reach of 1m
- One pairs of springs for weight suspension up to 1.8kg; 270° rotation, one-hand positioning
- Includes smartphone and headphone holders for clean table setup
- Powerful table clamp for secure installation
- Convenient and reliable, suitable for radio station, TV station, studio, personal recording



## ST-10

- Foldable boom arm for space saving and portability
- Full-metal tubing construction, sturdy and secure two-section boom arm with a maximum reach of 1m
- Around 1.5kg load capacity, 270° rotation, one-hand positioning
- Includes smartphone and headphone holders for clean table setup
- Powerful table clamp for secure installation
- Convenient and reliable, suitable for radio station, TV station, studio, personal recording



## ST-201

- The foldable stand tailored for cell phone live broadcast and Karaoke
- Foldable design for saving space and convenient carrying
- Dual goosenecks 360° freely adjust cell phone direction
- Dual cell phone clips for live broadcast of two cell phones
- Designed with a microphone clip for various microphones
- The base locks securely on table for reliable operation
- Metal material, durable structure



### C6-2

- Dimensions: Ø6mm x 6m
- Exterior conductor: Ø0.12mm x 64 copper wire
- Inner conductor: Ø0.12mm x 28 x 2 copper wire
- Connector: XLR—XLR



### C3-2

- Dimensions: Ø6mm x 3m
- Exterior conductor: Ø0.12mm x 62 copper wire
- Inner conductor: Ø0.12mm x 29 x 2 copper wire
- Connector: XLR- XLR



### C2-1

- Y type cable, 2.2mm diameter
- Cable Length: 135mm (includes all connectors)
- Connector: 4-pole gold-plated 3.5mm male plug-two 3.5mm stereo female plug (MIC/Headphone)



### PS-1

PS-1 is a windscreen used for reducing wind noise during close vocal reproduction



### PS-2

PS-2 is a windscreen used for reducing wind noise during close vocal reproduction

## PM-5

### Features

- Stable voltage double rectifying circuit for eliminating interference of AC signal effectively
- Two balanced power inputs/outputs assure stable voltage and effective common mode interference rejection
- Noiseless On/Off switch
- External power adaptor avoids electromagnetic interference
- Built-in lowpass filter eliminates unwanted noise from external audio equipment

### Application

- 48V phantom power supply for a single condenser microphone





# INTERVIEW

>>>>>





Dual Channel Version

Single Channel Version

## V1

### Features

- Tailored for live broadcast, vlog, recording and interview, suitable for camera, DSLR and smartphone thanks to its compact size
- 2.4G band for transmission up to 50m in open area
- Built-in high-sensitivity condenser mic with intelligent noise cancellation for clear HiFi recording
- Use the transmitter directly by clipping it onto collar, or connect it with an external lavalier mic
- One-key pairing, automatic sync within 2s after powering up, easy to operate
- Adjustable output volume suits various recording equipment and prevents distortion
- Automatic idle shutdown if without connection for around 8min, energy-conserving
- Lithium-polymer battery inside lasts for up to 5hrs
- Comes with a high-grade travel case for easy carrying outdoors
- Dual-channel version receiver has 3.5mm jack for connecting generic monitoring earphones

### Application

- Live broadcast, vlog, recording, interview

### Specification

|  |  |  |
|--|--|--|
| Overall Specifications   |  | • Battery Life: approx. 8hrs                       |
| • Transmission Frequency Band: 2400MHz-2483.5MHz                 |  | • Output Interface: $\varnothing$ 3.5mm TRS        |
| • Audio Frequency Response: 100Hz-16KHz $\pm$ 3dB                |  | • Dimensions: 50mm*44.5mm*15mm                     |
| • Dynamic Range: 87dB (circuit performance)                      |  | • Net Weight: approx. 30g                          |
| • S/N Ratio: 85dB (circuit performance)                          |  | Transmitter  |
| • Peak Input SPL: 97dB SPL (built-in mic)                        |  | • Transmission Frequency Band: 2400MHz-2483.5MHz   |
| • Pairing Method: automatic                                      |  | • Modulation Type: frequency hopping / digital FSK |
| • Effective Working Range: 20m (with obstacles); 50m (open area) |  | • Transmit Power: 10dBm                            |
| Receiver   |  | • Mic Polar Pattern: omnidirectional               |
| • Transmission Frequency Band: 2400MHz-2483.5MHz                 |  | • Battery Type: lithium-polymer battery            |
| • Transmission Type: frequency hopping / digital FSK             |  | • Charging Interface: USB 5V                       |
| • Receiving Sensitivity: -86dBm                                  |  | • Battery Life: approx. 5hrs                       |
| • Battery Type: lithium-polymer battery                          |  | • Output Interface: $\varnothing$ 3.5mm TRS        |
| • Charging Interface: USB 5V                                     |  | • Dimensions: 50mm*44.5mm*15mm                     |
|  |  | • Net Weight: approx. 30g                          |



## V3

### Features

- 2.4GHz wireless transmission, stable and effective up to about 120m
- One-key pairing, automatic sync after powering up, easy to operate
- 360° omnidirectional mic with smart noise reduction for clear recording
- Charge your phone while in use without issue
- Noise reduction algorithm to record accurately in various conditions
- Real-time monitoring for better field control
- Lithium-polymer battery inside lasts for up to 6.5hrs
- Built-in reverb function, start karaoke anywhere, anytime
- Comes with a high-grade storage bag for easy carrying outdoors

### Application

- Live broadcast, vlog, filming, interview

### Specification

|  |   |
|--|---|
| Transmitter  | • Antenna: ceramic antenna              |
| • Frequency Range: 2.4GHz  | • Indicator Light: RGB tri-color        |
| • Frequency Response: 20-20KHz                                   | • Charging/Monitoring Interface: TPYE-C |
| • S/N Ratio: 64dB (A)  | • Weight: 8.7g                          |
| • Sensitivity: -38dBFS   | • Dimensions: 46.31*15.5*18.14mm        |
| • Transmission Delay: 25ms                                       | Receiver                                |
| • Charge Input Voltage: DC4.8~5.4V                               | • Frequency Range: 2.4GHz               |
| • Fully Charged Voltage: 4.15~4.2V                               | • Frequency Response: 20Hz-20KHz        |
| • Low Power Shutdown Voltage: <3.4V                              | • S/N Ratio: 64dB (A)                   |
| • Power-on Current: 17.8mA-18.5mA                                | • Search Current: 21mA-22.5mA           |
| • Search Current: 18.5mA-21mA                                    | • Power-on Current: 33.5mA-35mA         |
| • Charge Current: approx. 100mA                                  | • Operating Current: 34mA-40mA          |
| • Operating Current(w/o earphone): 17.8mA-19mA                   | • Power Supply: plug-in device          |
| • Operating Current (w/ earphone): 18.2mA-26mA                   | • Indicator Light: green, red           |
| • Shutdown Current: 7.5uA  | • Earphone Interface: 3.5MM             |
| • Charging Time: approx. 90min                                   | • Weight: approx. 5.8g                  |
| • Operation Time: approx. 6.5H                                   | • Dimensions: 45.5*27.27*9.65mm         |
| • Battery Capacity: 120mAh (w/ Lithium battery protection board) |   |
| • Battery Size: 651220   |   |
| • Battery Weight: 2.5g   |   |

## V4

### Features

- Apple MFi (Made for iPhone/iPod/iPad) certified, full compatibility with any iOS update
- Compact lavalier microphone with 3 output interfaces, fitted for camera, iOS and Android devices
- 2.4GHz wireless transmission, stable and effective up to 120m
- Real-time monitoring with 3-step adjustable volume
- Three selectable noise reduction modes, adaptive to any complex recording condition
- Supports local TF card audio storage
- Mic transmitter can serve as a standalone voice recorder
- Up to 10 hours of continuous recording when used as a camera mic via 3.5mm cable
- Includes a charging case for storing and charging of transmitter and receiver
- Rechargeable 1000mAh battery inside the charging case, ideal for outdoor streaming

### Application

- Tailored for live streaming, vlogging, filming, interview

### Specification

|  |                                  |
|--|----------------------------------|
| Charging Case  | • Weight: approx. 14g            |
| • Input Voltage: DC 4.8~5.4V                                     | • Sensitivity: -26 dBFS          |
| • Battery Capacity: 2000mAh                                      | • S/N Ratio: 64dB                |
| • Charging Time: approx. 90min                                   | • Dimensions: 49.25*20.9*20.56mm |
| • Battery Life: 3 full charges for both receiver and transmitter | Receiver                         |
| • Weight: approx. 128.2g   | • Frequency Range: 2.4GHz        |
| • Dimensions: 111.2*79.5*34.4mm                                  | • Battery Capacity: 230mAh       |
| Microphone   | • Latency: 25ms                  |
| • Frequency Range: 2.4GHz  | • Battery Life: 10h              |
| • Battery Capacity: 230mAh                                       | • Frequency Response: 20-20KHz   |
| • Latency: 25ms  | • Charging Time: approx. 80min   |
| • Battery Life: 10h  | • Input Voltage: DC 4.8~5.4V     |
| • Frequency Response: 20-20KHz                                   | • Weight: approx. 18.7g          |
| • Charging Time: approx. 80 minutes                              | • Dimensions: 53.4*43.63*22.09mm |
| • Input Voltage: DC 4.8~5.4V                                     |                                  |

Single Channel Version



Dual Channel Version

## SGC-100W

### Features

- Wireless signal transmission for convenient camera shooting and live interview
- Receiver adopts standard shoe connecting buckle for direct connection with the camera
- UHF frequency range design avoids interference and assures stable transmission
- 6 selectable channels
- One transmitter can be operated with multiple receivers within the operating range
- Both the transmitter and the receiver use LCD to display the frequency, channel and battery level status intuitively
- Designed with Line in and Mic in transfer switch on the transmitter

### Application

- Shooting, video, interview, production

### Specification

| Transmitter   | Receiver  |
|---|---|
| • Frequency Range: 600~950MHz (segmented)             | • Frequency Range: 600~950MHz (segmented)             |
| • Power Supply: 2pcs AA 1.5V alkaline batteries       | • Power Supply: 2pcs AA 1.5V alkaline batteries       |
| • Playtime: About 15 hours (depending on the battery) | • Playtime: About 15 hours (depending on the battery) |
| • Operating Range: 30m in open area                   | • Frequency Response: 30Hz-15KHz                      |
| • Transmit Power: ≤10mW                               | • S/N Ratio: >50dB                                    |
|   | • Receiving Sensitivity: ≤-80dBm                      |



## SGC-200W

### Features

- Tailored for interview, video recording, suitable for camera/DSLR/cell phone, etc
- UHF transmission without the trouble of cable connection
- Automatic matching technology, easy operation, high anti-interference, about 80m operation range in open area
- Real time audio monitoring function to monitor the recording status
- Adjusting function of monitoring volume and recording volume to suit for different equipment application
- Low cut function to reduce ambient noise effectively; clearer picking up
- Dual channel independent output and combo output for convenient post processing
- Note: only dual channel model has this function
- Type-C power connector to link with external power supply
- Two Alkaline dry batteries last for about 10h operation

### Application

- Interview, video recording, program host, etc

### Specification

|  |   |
|--|---|
| System Specification:                                | • Power: ≤10mW  |
| • Frequency Range: 470~960 MHz (frequency band)      | • Low Cut: 200Hz 5dB/Oct  |
| • Channel Quantity: mono/dual channel                | • Operation Time: approximate 10h (based on the battery capacity) |
| • Frequency Band Quantity: 50 frequency bands (mono) |   |
| • Each of A/B has 25 frequency bands (dual channel)  | • Dimension(LxWxH): 90x65x25mm                                    |
| • FM Width: 30MHz                                    | • Weight: approximate 83g   |
| • Frequency Band Interval: 600KHz                    | Receiver:   |
| • Modulation: FM                                     | • Built-in Power Supply: 2 AA batteries                           |
| • Mute Control: frequency guide                      | • External Power Supply: Type C connector                         |
| • Frequency Response: 20Hz~18KHz                     | • Antenna Connector: SMA/impedance 50Ohm                          |
| • Frequency Stability: ±0.015%                       | • Sensitivity: ≤-80dBm (wired test)                               |
| • S/N Ratio: ≥92dB A+ (line out)                     | • Audio Output: 3.5mm line out +3.5mm headphone output            |
| • Residual Noise: ≥-100dB A+ (line out)              | • Headphone Output Power: 25mW(RMS)@32Ω                           |
| • Distortion: ≤0.8% (at 1KHz)                        | • Operation Time: approximate 10h (mono)                          |
| • Operation Range: approximate 100m (open area)      | 8h (dual channel)   |
| Cartridge: condenser omnidirectional                 | (based on the battery capacity)                                   |
| Transmitter:   |   |
| • Microphone Input: 3.5mm                            | • Dimension(LxWxH): 90x65x25mm                                    |
| • Power Supply: 2 AA batteries                       | • Weight: approximate 96g   |



Dual Channel Version



Single Channel Version





## TCM-400

### Features

- Tailored for webcast, interview, courseware rerecording, video recording
- Plug and play,  $\phi 3.5\text{mm}$  connector, convenient connection with cell phone/DSLR/sound card
- Omnidirectional condenser cartridge, accurate and high sensitivity picking up of sound details
- Cable length 5m to meet the requirement of outdoor application
- Smart noise reducing function to effectively reduce the ambient noise and ensure better recording effect
- Cell phone cable supplied for convenient recording and headset monitoring

### Application

- Webcast, interview, courseware recording, video recording

### Specification

|  |   |
|--|---|
| • Type: electret                                 | • Sensitivity: $-35\text{dB}\pm 3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}$ at $1\text{KHz}$ ) |
| • Polar Pattern: omni-directional                | • Output Impedance: $2.2\text{K}\Omega\pm 30\%$   |
| • Frequency Response: $50\text{Hz}-18\text{KHz}$ | • Operation Voltage: $1.5\text{V}\sim 4.5\text{V}$  |



## SGC-598

### Features

- High sensitivity condenser microphone specially designed for camera
- Cardioid directivity characteristic can effectively reduce the ambient noise
- Optional  $+10\text{dB}$  sensitivity tone up and  $200\text{Hz}$  bass filter meet the demand of different applications
- Shock proof design can reduce the mechanical noise of cameras and other vibration noise
- Rugged alu mic housing features effective EMI resistance
- Powered by  $1.5\text{V}$  AA alkaline battery, playtime is up to 100hrs
- Low power indicator

### Application

- Photography, interview

### Specification

|   |  |
|---|--|
| • Transducer Principle: Back Electret Condenser   | • Bass Filter: $60\text{Hz}$ $10\text{dB}/\text{octave}$ |
| • Directivity Characteristic: Cardioid  | • Output Impedance: $2000\Omega\pm 30\%$                 |
| • Frequency Response: $50\text{Hz}-16\text{KHz}$  | • Power Requirement: $1.5\text{V}$ AA battery            |
| • Sensitivity: $-32\text{dB}\pm 3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}$ at $1\text{KHz}$ ) | • Net Weight: $160\text{g}$                              |
| • Sensitivity Tone Up: $+10\text{dB}$   |  |



## SGC-600

### Features

- Tailored for photography/interview, suitable for DSLR/DV/cell phone
- Pipe cartridge promotes picking up range and accuracy but reduces ambient noise picking up
- Microphone gain fader to adjust according to the requirement of picking up range
- Low cut function for background noise below  $200\text{Hz}$  to make recording clearer
- Standard cold shoe design for convenient installation on camera
- Anti-vibration structure effectively reduce the mechanical noise and vibration noise
- One  $1.5\text{V}$  AA battery lasts for more than 100h operation
- Low power voltage indication

### Application

- News interview, video recording, program hosting, special interview

### Specification

|   |  |
|---|--|
| • Cartridge: $\phi 10\text{mm}$ condenser cartridge   | • Low Cut: $200\text{Hz}$ $12\text{dB}/\text{Oct}$ |
| • Polar Pattern: super-cardioid   | • Output Impedance: $2.2\text{K}\Omega\pm 30\%$    |
| • Frequency Response: $50\text{Hz}-16\text{kHz}$  | • Power Supply: $1.5\text{V}$ AA battery           |
| • Sensitivity: $-25\text{dB}\pm 3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}$ at $1\text{KHz}$ ) | • Net Weight: $75\text{g}$                         |
| • Gain Adjustment: $+10\text{dB}/0\text{dB}/-10\text{dB}$   |  |

## SGC-698

### Features

- Adopts X-Y stereo pickup technology, clear and stable sound image localization
- Built-in +20dB and -10dB sensitivity switch satisfies different recording occasions
- Built-in low-cut filter switch for effective ambient low frequency noise reduction
- RFI shielding technology can effectively reduce the interference of mobile phone signal
- Low power warning function remind you to replace the battery timely
- Shock proof design effectively reduces the mechanical noise
- Uses standard shoe connector, secure and easy for installation
- Uses standard  $\Phi 3.5\text{mm}$  mini stereo connector for signal output
- Aluminum alloy housing with anode oxidation surface treatment, fashionable and anti-scratch

### Application

- Photography, interview

### Specification

|   |   |
|---|---|
| • Transducer Principle: Back Electret Condenser   | • Low Frequency Attenuation: 80Hz 10dB/octave |
| • Directivity Characteristic: Cardioid, stereo  | • Output Impedance: $\leq 200\Omega$          |
| • Frequency Response: 30Hz-16KHz  | • Power Requirement: CR2032 3V button battery |
| • Sensitivity: $-44\text{dB}\pm 3\text{dB}$ ( $0\text{dB}=1\text{V}/\text{Pa}$ at 1KHz) | • Net Weight: 115g                            |
| • Max. Input SPL: 130dB(THD $\leq 1.0\%$ at 1KHz)                                       |   |



## SGC-578 (Two Audio Cables Version)

### Features

- Tailored for interview, video recording, suitable for camera/DSLR/mixer, etc
- Array picking up technology, high sensitivity, wide picking up range
- Switching cardioids and supercardioid polar pattern for different picking up range
- 48V phantom power and AA 1.5V battery power supply for convenient application
- Alloy housing effectively reduces RF signal interference and improves recording quality
- Retractable cable and straight cable for different applications

### Application

- Interview, video recording, program host, etc

### Specification

|  |   |
|--|---|
| • Transducer Principle: Back electret condenser                        | • Load Impedance: $\geq 1000\Omega$                         |
| • Polar Pattern: Cardioid/Hypercardioid                                | • Power Requirement: 1.5V AA battery or 9-52V phantom power |
| • Frequency Response: 50Hz-16kHz/80Hz-14kHz                            | • Dimensions: $\Phi 22 \times 278\text{mm}$                 |
| • Sensitivity: $-45\text{dB}\pm 3\text{dB}/-30\text{dB}\pm 3\text{dB}$ | • Weight: 265g  |
| • Output Impedance: 500 $\Omega$ /1600 $\Omega$ $\pm 30\%$ (at 1 kHz)  |   |



# HEADPHONES

>>>>>



## WPM-200

### Features

- UHF frequency band (780-805MHz) and PLL frequency synthesized technology for stable working performance
- 6 selectable channels
- Powered by 2pcs AA batteries, low power consumption design for long playtime up to 30 hours
- Multiple sets of receivers can be operated with a single transmitter within the operating range
- Dynamic expansion circuitry for high S/N ratio
- Complex anti-interference circuit for using 4-6 sets at the same time without mutual interference
- Receiver LCD displays frequency, channel and battery level

### Application

- Recording studio monitoring, on stage monitoring

### Specification

|                                      |   |
|--------------------------------------|---|
| Transmitter:                         | • Power Supply: DC 3V (2pcs AA batteries) |
| • Frequency Range: 780-805MHz        | • Operating Current: 50mA $\pm$ 20mA      |
| • Power Supply: DC 12V/ 300mA        | • S/N Ratio: >50dB                        |
| • Transmit Power: $\leq$ 10dBm       | • Sensitivity: S/N 12dB 3uV               |
| • Operating Current: 80mA $\pm$ 10mA | • Frequency Response: 30Hz-18 KHz         |
| • Operating Range: 50m               | • Frequency Range: 780-805MHz             |
| • Dimensions: 150x105x35mm           | • Stereo Separation: >50dB                |
| • Weight: 175g                       | • Dimensions: 110x62x20mm                 |
| Receiver:                            | • Weight: 90g                             |



## WPM-300

### Features

- A wireless monitoring system tailored for instrument/stage monitoring and simultaneous interpretation
- UHF wireless transmission, PLL (phase-locked loop) technology, stable and reliable performance
- Anti-interference composite circuit, use multiple bodypack receivers simultaneously
- Supports multiple transmitters working at the same time, suitable for multilingual interpretation
- Transmit up to around 50 meters within line of sight
- Dynamic companding circuit with high S/N ratio for clear audio output
- Includes in-ear monitors that are comfortable to wear and offer rich delicate sound and strong bass
- $\phi$ 3.5mm audio input on transmitter, easier to connect with mixer, amplifier or other audio device
- Bodypack receiver uses 2pcs AA batteries and lasts up to 8hrs continuously

### Application

- Suitable for instrument/stage/conference monitoring, simultaneous interpretation

### Specification

| Transmitter Specifications                          | Receiver Specifications                                     |
|---|---|
| • Frequency Range: 600-608MHz                       | • Frequency Range: 600-608MHz                               |
| • Operating Current: 100mA (TYP)                    | • Operating Voltage: DC 2.5V (2.2V-3.0V) / two AA batteries |
| • Power Supply: DC 12V/300mA                        | • Operating Current: 115mA (TYP)                            |
| • Transmitting distance: $\geq$ 50m (line of sight) | • Frequency Response: 20Hz-15 kHz (-6dB intercept point)    |
| • Transmitting Power: 5dbm (TYP)                    | • S/N Ratio: > 60dB   |
| • Dimensions: 159x79.8x21.1mm                       | • Receiving Sensitivity: better than 8dbuv                  |
| • Weight: approx. 123g                              | • Stereo Separation: >45dB                                  |
|   | • Dimensions: 169x64x30.95mm                                |
|   | • Weight: approx. 123.5g                                    |







## WPM-400

### Features

- Multi-functional wireless in-ear monitoring earphones, suitable for entertainment stream, livestream e-commerce and music appreciation
- One-key switch between Monitoring and TWS modes to suit for various applications
- 2.4GHz wireless transmission up to about 10m, quick pairing, auto reconnecting
- Professional-grade monitoring, low latency without audio delay for smoother streaming and interaction
- In-ear design, compact and comfortable to wear, carry music with you as you move around
- Charging case and transmitter integrated in one, super-portable, supports wired or wireless charging
- Transmitter uses supplied Type-C to ø3.5mm cable for easy connection with audio device like audio interface or mixer
- Built-in Li-ion battery lasts up to 6hrs continuously

### Application

- Suitable for entertainment stream, livestream e-commerce, music appreciation

### Specification

| Charging Case Specifications                                   | Earphones Specifications   |
|--|--|
| • Battery Capacity: 700mAh                                     | • Battery Capacity: 70mAh  |
| • Charging Time (Wired): approx. 2hrs                          | • Frequency Response: 20Hz-20KHz   |
| • Charging Time (Wireless): approx. 6hrs                       | • Sensitivity: 115dB   |
| • Battery Life: 4 full charges (both earphones)                | • Earphone Dimensions: 35.75*22.23*20.24mm   |
| • Case Dimensions: 65.6*54*32mm                                | • Single Earphone Weight: approx. 7g   |
| • Case Weight: approx. 57g                                     | • Transmission Frequency: 2.4GHz   |
| • Operating Temperature: -10°C~50°C                            | • Earphones Charging Time: approx. 70min   |
| • Storage Temperature: 10°C~50°C                               | • Charging Voltage/Current: DC 5V/700mAh   |
| • Input Voltage: 5V  | • Operating Temperature: -10°C~50°C  |
| • Charge Current: 445mA (maximum)                              | • Storage Temperature: 10°C~60°C   |
| • Temperature Control: auto disconnect charging at around 55°C | • Low Latency Distance: ≥7m  |
|  | • TWS Mode Battery Life:   |
|  | Phone Call: approx. 5hrs for both earphones  |
|  | Continuous Music Playback: approx. 7hrs (at 80% volume)                                |
|  | Standby Battery Life: approx. 120hrs   |
|  | • Monitoring Mode Battery Life:  |
|  | Continuous Music Playback with connected audio interface: approx. 6hrs (at 80% volume) |
|  | Standby Battery Life: approx. 7hrs   |



## WPM-400S

### Features

- Pair and monitor with multiple sets of wireless earphones using one transmitter
- Multi-functional wireless in-ear monitors, suitable for entertainment stream, livestream e-commerce and music appreciation
- One-key switch between Monitoring and TWS modes to suit for various applications
- 2.4GHz wireless transmission up to about 10m, quick pairing, auto reconnecting
- Professional-grade monitoring, low latency for smoother streaming and interaction
- In-ear design, compact and comfortable to wear, carry music with you as you go
- Charging case and transmitter integrated in one, super-portable, supports wired and wireless charging
- Transmitter uses supplied Type-C to  $\phi 3.5\text{mm}$  cable for easy connection with audio device like audio interface or mixer
- Built-in Li-ion battery lasts up to 4hrs continuously

### Application

- Suitable for entertainment stream, livestream e-commerce, music appreciation

### Specification

| Earphone Specification:                       | Charging Case Specification:                                |
|---|---|
| • Frequency Range: 2.4GHz                     | • Frequency Range: 2.4GHz                                   |
| • Frequency Response: 20Hz-20KHz              | • Input Voltage: 5V/1A                                      |
| • Sensitivity: -38 DBFS                       | • Charging Time (Wired): about 2hrs                         |
| • S/N Ratio: 64dB(A)                          | • Charging Time (Wireless): about 7hrs                      |
| • Transmission Delay: 25ms                    | • Battery Capacity: 700mAh                                  |
| • Input Voltage: DC4.8~5.4V                   | • Battery Size: 102530                                      |
| • Battery Life (LIVE mode): about 4hrs        | • Battery Life for Monitoring: 11hrs                        |
| • Battery Life (BLUETOOTH mode): about 6.5hrs | • Battery Life for Earphones Charging: about 4 full charges |
| • Charging Time: about 1.5hrs                 | • Automatic Charging Protection Temperature: 55°C           |
| • Battery Capacity: 55mAh                     | • Charging Interface: Type-C                                |
| • Microphone Type: MEMS                       | • Monitor Interface: Type-C-to-3.5mm                        |
| • Weight: about 5.4g                          | • Weight: about 48g   |
| • Dimensions 36*20*24mm                       | • Dimensions: 65*53*32mm                                    |



## WPM-500

### Features

- Wireless neckband headphones tailor-made for monitoring live stream, recording and the like
- 2.4GHz wireless transmission, stable and works up to 10m
- Easily pair multiple headphones in one system for parallel group monitoring
- Studio monitoring level, synchronized A/V at low latency for smoother streaming and interaction
- Quick pairing, auto reconnecting without tedious steps
- HD stereo audio at 48kHz sample rate, with rich and dynamic music performance
- Designed with wires that loop around your ears for better security during movement
- Transmitter adopts ø3.5mm audio interface for easy connection with audio device like sound card or mixer
- Built-in lithium-ion battery, 6~8 hour battery life with 2 hour charging

### Application

- Live e-commerce, monitor live stream and recording

### Specification

|  |  |
|--|--|
| Transmitter Specifications                         | • Battery Life: about 8 hours (when fully charged) |
| • Battery Capacity: Li-Po, 3.7V/450mAh             | • Frequency Range: 20Hz-20KHz                      |
| • Charging Time: about 2.5 hours                   | • Transmission Frequency: 2.4GHz                   |
| • Charging Voltage/Current: DC 5V/300mA            | • Weight: 33g                                      |
| • Transmission Frequency: 2.4GHz                   | System Specifications                              |
| • Battery Life: about 6 hours (when fully charged) | • Low Latency Distance: ≥10 meters                 |
| • Weight: 22g                                      | • Audio Delay: ≤20ms                               |
| Receiver Specifications                            | • Frequency Response: 20Hz-20KHz (@1KHz, -3dB)     |
| • Battery Capacity: Li-Po, 3.7V/240mAh             | • Signal-to-Noise Ratio: ≥80dB(A+)                 |
| • Charging Time: about 2.5 hours                   | • System Noise Floor: ≤-90db(A+)                   |
| • Charging Voltage/Current: DC 5V/200mA            |  |



## SPRINT

### Features

- Ø10mm high resolution driver unit reproduces rich sound details
- Detachable high sensitivity microphone for prominent gaming experience
- Microphone built-in in-line controller to meet different applications
- In-line controller supports music and calling control
- Ergonomic design for comfortable and reliable wearing

### Application

- Cell phone, PAD, Nintendo Switch™

### Specification

|   |   |
|---|---|
| • Unit: dynamic                           | • Microphone Polar Pattern: omni-directional            |
| • Unit Diameter: Ø10mm                    | • Microphone Sensitivity: -42dB±3dB (0dB=1V/Pa at 1KHz) |
| • Unit Impedance: 32Ω±15%                 | • Audio Connector: 3.5mm audio connector                |
| • Earphone Frequency Response: 20Hz-20KHz | • Net Weight: 18.5g                                     |
| • Earphone Sensitivity: 105dB±3dB         |   |

## GH300

### Features

- 7.1CH virtual surround to expand the sound field and bring the ultimate gaming immersion
- Responsive  $\varnothing 50\text{mm}$  NdFeB-magnet drivers with wide frequency response and high dynamics
- Integrated mic for clear in-game communication
- Experience high-fidelity gaming audio, tackle enemies with pinpoint accuracy
- About 16.8 million RGB colors to light up the vibes
- Ergonomic, suitable for various kinds of head shapes
- Adaptive suspension headband and soft skin-friendly earpads for long-wearing comfort

### Application

- PC/Mac with USB port

### Specification

|  |   |
|--|---|
| • Driver: dynamic                            | • Peak Power: 30mW  |
| • Driver Diameter: $\varnothing 50\text{mm}$ | • Polar Pattern: omnidirectional                                  |
| • Driver Impedance: $32\Omega \pm 15\%$      | • Mic Sensitivity: $-42 \pm 3\text{dB}$                           |
| • Headset Frequency Response: 20Hz-20kHz     | • Connection Cable: $\varnothing 4.2\text{mm} \times 2.5\text{m}$ |
| • Headset Sensitivity: $103 \pm 3\text{dB}$  | • Connector Type: USB   |
| • Rated Power: 20mW                          | • Weight: about 380g  |



## GH300B

### Features

- Responsive  $\varnothing 50\text{mm}$  NdFeB-magnet drivers with wide frequency response and high dynamics
- Integrated mic for clear in-game communication
- Experience high-fidelity gaming audio, tackle enemies with pinpoint accuracy
- About 16.8 million RGB colors to light up the vibes
- Ergonomic, suitable for various kinds of head shapes
- Adaptive suspension headband and soft skin-friendly earpads for long-wearing comfort

### Application

- PC/Mac with USB port

### Specification

|  |   |
|--|---|
| • Driver: dynamic                            | • Peak Power: 30mW  |
| • Driver Diameter: $\varnothing 50\text{mm}$ | • Polar Pattern: omnidirectional                                  |
| • Driver Impedance: $32\Omega \pm 15\%$      | • Mic Sensitivity: $-42 \pm 3\text{dB}$                           |
| • Headset Frequency Response: 20Hz-20kHz     | • Connection Cable: $\varnothing 4.2\text{mm} \times 2.5\text{m}$ |
| • Headset Sensitivity: $105 \pm 3\text{dB}$  | • Connector Type: USB   |
| • Rated Power: 20mW                          | • Weight: about 354g  |



## GH310

### Features

- 7.1CH virtual surround to expand the sound field and bring the ultimate gaming immersion
- Responsive  $\varnothing 50\text{mm}$  NdFeB-magnet drivers with wide frequency response and high dynamics
- Integrated mic to start clear in-game communication in one key press
- Experience high-fidelity gaming audio, tackle enemies with pinpoint accuracy
- About 16.8 million RGB colors to light up the vibes
- Ergonomic, suitable for various kinds of head shapes
- Adaptive suspension headband and soft skin-friendly earpads for long-wearing comfort

### Application

- PC/Mac with USB port

### Specification

|  |   |
|--|---|
| • Driver: dynamic                            | • Peak Power: 15mW  |
| • Driver Diameter: $\varnothing 50\text{mm}$ | • Polar Pattern: omnidirectional                                |
| • Driver Impedance: $60\Omega \pm 15\%$      | • Mic Sensitivity: $-42 \pm 3\text{dB}$                         |
| • Headset Frequency Response: 20Hz-20kHz     | • Connection Cable: $\varnothing 5\text{mm} \times 2.5\text{m}$ |
| • Headset Sensitivity: $97 \pm 3\text{dB}$   | • Connector Type: USB   |
| • Rated Power: 10mW                          | • Weight: about 408g  |







## GH310B

### Features

- Responsive  $\varnothing 50\text{mm}$  NdFeB-magnet drivers with wide frequency response and high dynamics
- In-built 360° omnidirectional mic for easy in-game communication
- Experience high-fidelity gaming audio, tackle enemies with pinpoint accuracy
- About 16.8 million RGB colors to light up the vibes
- Ergonomic, suitable for various kinds of head shapes
- Adaptive suspension headband and soft skin-friendly earpads for long-wearing comfort

### Application

- PC/Mac with USB port

### Specification

|  |   |
|--|---|
| • Driver: dynamic                            | • Peak Power: 15mW  |
| • Driver Diameter: $\varnothing 50\text{mm}$ | • Polar Pattern: omnidirectional                                |
| • Driver Impedance: $60\Omega \pm 15\%$      | • Mic Sensitivity: $-42 \pm 3\text{dB}$                         |
| • Headset Frequency Response: 20Hz-20kHz     | • Connection Cable: $\varnothing 5\text{mm} \times 2.5\text{m}$ |
| • Headset Sensitivity: $99 \pm 3\text{dB}$   | • Connector Type: USB   |
| • Rated Power: 10mW                          | • Weight: about 380g  |



## GH520

### Features

- 7.1CH virtual surround to expand and bring you the ultimate gaming immersion
- Responsive 50mm mega driver pumps out excellent audio across the spectrum
- About 16.8 million RGB colors to light up the vibes
- Adjust-free lightweight ergonomic headband to wear through long gaming sessions
- Sensitive detachable mic to start/stop in-game chatting anytime in one touch
- Elastic head strap and air-permeable mesh earpads for stress-free use

### Application

- PC, Mac, PS4, PS5, Xbox One, Xbox Series, Nintendo Switch, VR, smartphone, tablet

### Specification

|   |   |
|---|---|
| • Driver: dynamic   | • Mic Directivity: Omni-directional                         |
| • Driver Diameter: $\varnothing 50\text{mm}$  | • Mic Sensitivity: $-38 \pm 3\text{dB}$                     |
| • Driver Impedance: $32\Omega \pm 15\%$   | • Type-C Cable: $\varnothing 4\text{mm} \times 2.2\text{m}$ |
| • Headset Frequency Response: 20Hz-20kHz  | • 3.5mm Cable: $\varnothing 4\text{mm} \times 2.2\text{m}$  |
| • Headset Sensitivity: $94 \pm 3\text{dB}$ (3.5mm) ; $96 \pm 3\text{dB}$ (USB/Type-C) | • USB adapter: USB-A to Type-C                              |
| • Rated Power: 20mW   | • Connector Type: Type-C/USB/3.5mm                          |
| • Peak Power: 25mW  | • Weight: about 305g  |



## FORGE

### Features

- 7.1 virtual surround sound, wide sound field for ambience feeling during esports
- $\varnothing 40\text{mm}$  NdFeB driver, high sensitivity, wide response and dynamic
- High sensitivity microphone turns off when being folded for convenient talking
- HiFi sound effect to identify the position and fight back accurately
- Ergonomic design to suit for wearing on various heads
- Soft headband and ear pads for comfortable wearing in a long time

### Application

- PC esports

### Specification

|   |   |
|---|---|
| • Driver: dynamic   | • Rated Power: 10mW   |
| • Unit Diameter: $\varnothing 40\text{mm}$                              | • Max Power: 30mW   |
| • Unit Impedance: $32\Omega \pm 15\%$                                   | • Connection Cable: $\varnothing 4\text{mm} \times 2\text{m}$ on one side |
| • Headphone Frequency Response: 20Hz-20kHz                              | • Net Weight: approx. 322g  |
| • Headphone Sensitivity: $97.5 \pm 3\text{dB}$ at 1KHz input 179mV(1mW) |   |

## SHADE

### Features

- Ø40mm NdFeB driver features high sensitivity, wide frequency response and large dynamic range
- Adopts compound material diaphragm, pure LF, penetrating MF and delicate HF
- Vocal signal cable designed with high sensitivity microphone for outstanding gaming dialogue experience
- Soft headband and ear pads for comfortable wearing
- Ergonomic design suits for various head shapes wearing
- Provided with headphone signal cable and Y-type extension cable to meet the application of mobile device, PC, etc

### Application

- PC, MAC, PS4™, Xbox One, mobile device

### Specification

|  |  |
|--|--|
| • Driver: dynamic                                      | • Peak Power: 40mW                               |
| • Unit Diameter: Ø40mm                                 | • Rated Power: 15mW                              |
| • Unit Impedance: 26Ω±15%                              | • Headphone/Microphone Signal Cable: Ø4mm x 1.3m |
| • Frequency Response: 10Hz ~ 20KHz                     | • Headphone Signal Cable: Ø4mm x 1.2m            |
| • Sensitivity: 95±3dB at: 1mW 1KHz 318 simulation ears | • Y-type Extension Cable: Ø4mm x 2m              |
|  | • Net Weight: 235g (w/o cable)                   |



## FLIT

### Features

- Ø53mm NdFeB driver unit, high magnetic energy, wider frequency response and dynamic
- Special PET diaphragm, powerful LF, full MF, high HF resolution
- The equipped high sensitivity microphone offers wonderful game experience
- Soft headband and ear pad for comfortable wearing for a long time
- Ergonomic design suits for wearing on various heads
- The supplied headset/microphone splitter cable for mobile equipment or PC application

### Application

- PC, MAC, PS4™, Xbox One and mobile equipment

### Specification

|  |   |
|--|---|
| • Driver: dynamic                          | • Microphone Sensitivity: -42±3dB (0db=1V/Pa/m at 1kHz) |
| • Unit Diameter: Ø53mm                     |   |
| • Unit Impedance: 60±15%Ω                  | • Rated Power: 100mW                                    |
| • Headphone Frequency Response: 20Hz-20kHz | • Max Power: 250mW                                      |
| • Headphone Sensitivity: 104±3dB at 1KHz   | • Net Weight: approximate 260g                          |



## RISE

### Features

- Ø53mm NdFeB driver, wide frequency response and dynamic
- PET diaphragm, powerful HF, full MF, high resolution HF
- Ergonomic design for wearing on various heads
- Supporting 7.1 virtual sound for gaming ambience feeling
- Detachable microphone design for clear and high efficiency communication with your teammate
- Soft protein ear pads for comfortable wearing

### Application

- PC, MAC, PS4™, Xbox One or mobile equipment

### Specification

|  |   |
|--|---|
| • Driver: dynamic                                      | • Peak Power: 250mW                                     |
| • Unit Diameter: Ø53mm                                 | • Connection Type: USB adapter or Ø3.5mm four-pole plug |
| • Unit Impedance: 60Ω±15%                              | • Headphone Cable: Ø4mm x1.3m                           |
| • Headphone Frequency Response: 20Hz-20kHz             | • Adapter Cable: Ø4mm x2m                               |
| • Headphone Sensitivity: 104±3dB at 1KHz               | • Net Weight: approximate 255g                          |
| • Microphone Sensitivity: -42±3dB(0db=1V/Pa/m at 1kHz) |   |
| • Rated Power: 100mW                                   |   |





## SPLENDOR

### Features

- Virtual 7.1 surround sound, accurate pan, ambience feeling gaming experience
- Ø50mm NdFeB driver, high sensitivity, wide response and dynamic
- MFLF vibration for better gaming experience
- Preset multiple EQ setting for various applications
- 16.8 million RGB lighting effect set by user for preferred atmosphere
- Detachable microphone, high quality picking up, prominent gaming talkback

### Application

- PC/MAC with USB interface

### Specification

|  |                                  |
|--|----------------------------------|
| • Driver: dynamic                        | • Rated Power: 10mW              |
| • Unit Diameter: Ø50mm                   | • Peak Power: 30mW               |
| • Unit Impedance: 32Ω±15%                | • Connector Type: USB            |
| • Headset Frequency Response: 20Hz-20KHz | • Headset Cable: Ø4mmx2m         |
| • Headset Sensitivity: 93.5±3dB at 1KHz  | • Net Weight: approximately 370g |
| • Mic Sensitivity: -35±4dB at 1KHz       |                                  |

## NOUS

### Features

- 2.4GHz wireless transmission technology, up to 15m ultra-low delay Hi-Fi audio transmission
- Virtual 7.1 surround sound, accurate pan and ambient gaming experience
- Ø50mm NdFeB driver, high sensitivity, wide response and dynamic
- Detachable microphone, high quality picking up, prominent talkback experience
- Low power consumption, up to 30h gaming time
- Compatible with multiple systems for mobile equipment/PC application

### Application

- Suitable for PC, MAC, PS4™, Xbox One and mobile equipment

### Specification

|  |  |
|--|--|
| • Driver: dynamic                        | Wireless Specification                               |
| • Unit Dia: Ø50mm                        | • Operation Frequency: 2402~2480MHz                  |
| • Unit Impedance: 32Ω±15%                | • Transmission Power: ≤2dBm                          |
| • Headset Frequency Response: 20Hz-20KHz | • Receiving Sensitivity: -85dBm                      |
| • Headset Sensitivity: 97±3dB            | • Delay: ≤16mS                                       |
| Headset Specification                    | • Data Transmission: USB2.0, supporting HID protocol |
| • Sample Rate: 48KHz/16bit               | • Effective Range: more than 15m                     |
| • Frequency Response: 20Hz-20KHz         | Microphone Specification                             |
| • THD: THD < 0.5% 1KHz                   | • Polar Pattern: unidirectional                      |
| • Output Power: 15mW/32Ω                 | • Sensitivity: -36dB±3dBV                            |
| • S/N Ratio: 90dB (A-Weighted)           | (0dB=1V/Pa at 1KHz)                                  |
| • Virtual 7.1: DSP hard decode           | • Output Impedance: 2.2KΩ at 1KHz                    |
| • Operation Time: more than 30h          |  |
| • Charging Time: approximate 2.5h        |  |
| • Net Weight: approximate 330g           |  |



## TS-450

### Features

- Stable PET diaphragm perfectly reproduces the music details, sound field and layers
- High protein PU leather ear pads for comfortable wearing
- Closed chamber and refined ear pads for perfect sound isolation
- Ergonomic design fits for different head shape wearing
- High quality OFC cable can effectively reduce the sound quality loss

### Application

- Music appreciation, network Karaoke, audio production, monitoring

### Specification

- |  |   |
|--|---|
| • Product Type: dynamic stereo headphone | • Rated Power: 20mW                         |
| • Driver Diameter: Ø40mm                 | • Connecting Cable: Ø4mm x 1.6m             |
| • Impedance: 24Ω±15%                     | • Connector: Ø3.5mm 3-pole gold plated plug |
| • Frequency Response: 20Hz ~ 20kHz       | + Ø6.3mm stereo gold plated plug            |
| • Sensitivity: 97.5±3dB at 1kHz          | • Net Weight: 213±20g                       |
| • Peak Power: 50mW                       | • Color: black                              |



## HD 2000

### Features

- Noble UV painting finish
- Soft, high protein leather ear pads for comfortable wearing
- Swivel earcup design for 25 right or left swivel for different face shape, 180° outward swivel for single hand monitoring
- Adjustable headband allows you to extend or shorten the length by 35mm

### Application

- Audio mixing, recording studio monitoring

### Specification

- |                                  |   |
|----------------------------------|---|
| • Transducer: Dynamic            | • Rated Power: 30mW                           |
| • Driver Diameter: Ø50mm         | • Type: Wired, closed design                  |
| • Impedance: 32Ω                 | • Wearing Style: Headworn                     |
| • Frequency Response: 10Hz-25kHz | • Connector: stereo Ø3.5mm + Ø6.3 gold plated |
| • Sensitivity: 101dB±3dB at 1kHz | • Cable: Ø2.2mm x 2m, Y-type                  |
| • Max. Input Power: 100mW        | • Net Weight: 200g                            |



## PRO 82

### Features

- Ø40mm new NdFeB driver features high sensitivity, wide response range and large dynamic
- Adopts high polymer coating diaphragm, pure bass, penetrating mids and exquisite highs
- Soft and comfortable headband and ear pads for long time listening without stress
- Ergonomic design fits different head shapes
- Designed with 3 level bass adjustment function, user can adjust the bass according to the music style to exert the best performance

### Application

- Recording monitoring, music appreciation

### Specification

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| • Transducer Principle: Dynamic  | • Max. Power: 20mW                |
| • Driver Diameter: Ø40mm         | • Rated Power: 10mW               |
| • Impedance: 32Ω±15%             | • Cable: Ø4mmX2.2m                |
| • Frequency Response: 10Hz-20KHz | • Adaptor Plug: Ø3.5mm+6.3mm      |
| • Sensitivity: 96±3dB at 1KHz    | • Net Weight: 235±20g (w/o cable) |







## TS-2260

### Features

- Ø9.2mm high resolution driver unit reproduces rich sound details
- Even and accurate sound, tailored for foldback monitoring
- Ergonomic design
- Provided with Ø6.3mm adapter for various applications
- Provided with portable bag for convenient carrying

### Application

- Network Karaoke monitoring, personal recording monitoring

### Specification

|   |  |
|---|--|
| • Type: dynamic stereo earphone   | • Peak Power: 5mW                                |
| • Unit Diameter: Ø9.2mm   | • Rated Power: 3mW                               |
| • Unit Impedance: 18Ω±15%   | • Cable: Ø2.3mm x 2.0m                           |
| • Frequency Response: 20Hz ~ 20kHz  | • Connector: Ø3.5mm gold plated 3-pole connector |
| • Sensitivity: 95±3dB SPL (94 dB SPL=1Pa) at 1KHz with input=0.126V(1 mW) | • Net Weight: 13±1.5g                            |



## HF 580

### Features

- Large planar drive unit and high performance NdFeB strong magnet features high sensitivity, wide frequency response and large dynamic
- German TUYU high quality ultra-thin planar diaphragm and 0.005mm Al foil, non-glue technology manufacturing, sub-frequency reaches 10Hz
- Large planar diaphragm features even vibration, low distortion, powerful bass, full and clear MF, delicate and penetrating treble
- Open design, natural and penetrating sound quality reproduces every music detail
- Soft and comfortable headband and ear pad for long time use without stress and fatigue
- Ergonomic mechanical design fits for different head shape

### Application

- HiFi

### Specification

|   |  |
|---|--|
| • Unit: ribbon planar full range unit                 | • Max. Power: 50mW                       |
| • Unit Diameter: 76*97*12.4mm                         | • Connecting Cable: Ø4mmx3m Y type cable |
| • Unit Impedance: 32Ω±20%                             | • Connector: Stereo Ø3.5mm               |
| • Frequency Response: 10-20000Hz                      | • Net Weight: 550g                       |
| • Sensitivity: 93±3dB at: 1mW 1kHz 318 artificial ear | • Color: black                           |
| • Rated Power: 20mW                                   |  |

## ML 850

### Features

- Light weight design for comfortable wearing in a long time
- Bluetooth®4.2 for reliable transmission and strong anti-interference capability
- Supporting aptX® and AAC coding and decoding technology, boosting Bluetooth® audio transmission quality
- Supporting NFC technology, without the trouble of matching and code setting, easy connection
- Supporting connecting with dual equipments simultaneously to conveniently switch playing equipment and cell phone talking
- Low power consumption, more than 25h continuously music playing
- High protein ear pads for comfortable wearing
- Audio cable supplied for operation
- Charging 10 minutes lasts for 1.5h operation

### Application

- Music appreciation via Bluetooth equipment, e.g. Cell phone, PAD, PC, player

### Specification

|                                  |   |
|----------------------------------|---|
| • Unit Dimension: Ø40mm          | • Decoding Technology: aptX®, AAC         |
| • Frequency Response: 20Hz-20kHz | • Microphone Sensitivity: -42±3dB at 1KHz |
| • Unit Impedance: 32±15%Ω        | • Transmission Range: ≥10m                |
| • Sensitivity: 110±3dB at 1KHz   | • Playing Time: ≥25H                      |
| • Rated Power: 10mW              | • Charging Time: approximate 1.5h         |
| • Peak Power: 30mW               | • Charger: DC 5V 1A                       |
| • Sample Rate: 96KHz/24bit       | • Product Dimension: 160*78*193mm(L*W*H)  |
| • THD: THD<0.5% 1KHz             | • Net Weight: approximate 250g            |



## ML 750

### Features

- Adopts NdFeB magnet and CCAW voice coil for rich and exquisite sound details
- Titanium-plated diaphragm features pressure resistance characteristic, it prevents the deformation and sound distortion when air pressure is applied to the headphone
- High density sandalwood cavity design effectively reduce the ear cup resonance and ensure the warm and mellow sound performance
- High protein PU leather ear pads assures long time wearing comfort
- Foldable structure, specially designed for outdoor street listening, portable and convenient for storage
- Ergonomic headband design fits for different head shape
- Apple MFi certificated, completely compatible with iPhone, iPad and iPod

### Specification

|                                    |   |
|------------------------------------|---|
| • Product Type: Dynamic, stereo    | • Max. Input Power: 50mW                |
| • Driver Diameter: Ø40mm           | • Rated Power: 25mW                     |
| • Impedance: 16Ω±30%               | • Audio Connecting Cable: Ø2.5mm x 1.2m |
| • Frequency Response: 20Hz ~ 20kHz | • Net Weight: 163g                      |
| • Sensitivity: 102±3dB at 1kHz     | • Color: Black                          |



## AW1

### Features

- Bluetooth®5.0, reliable transmission, high capacity of anti-interference
- AI housing, light weight, compact design
- IPX4 waterproof to meet the sport requirement
- Chinese/English sound prompt for indication and operation
- Supporting to connect with two Bluetooth equipments simultaneously
- Magnetic design for anti-winding and convenient storage

### Application

- Music appreciation of Bluetooth equipment: cell phone, tablet PC, PC, player

### Specification

|  |  |
|--|--|
| • Unit Type: dynamic                     | • Charging Time: approx 1.5h             |
| • Unit Diameter: Ø13mm                   | • Operation Time: approx 10h             |
| • Impedance: 32Ω                         | • Charging: USB 5V/500mA                 |
| • Frequency Range: 20Hz-20KHz            | • Bluetooth Version: Bluetooth®5.0       |
| • Sensitivity: 100dB±3dB                 | • Bluetooth Protocol: A2DP、AVRCP、HFP、HSP |
| • Rated Power: 3mW                       | • Transmission Range: 10m                |
| • Max Power: 10mW                        | • Waterproof Level: IPX4                 |
| • Microphone: -42dB±3dB, @1KHz ref 1V/Pa | • Net Weight: 18.3g                      |





## TS-450M

### Features

- Reliable PET diaphragm, reproducing music details, sound field and sound layers
- Closed chamber and refined ear pads for perfect sound isolation
- High sensitivity microphone, prominent vocal communication experience
- Ergonomic design fits for different head shape wearing
- High protein PU leather ear pads for comfortable wearing
- High quality OFC cable can effectively reduce the sound quality loss

### Application

- Multimedia electrified education, audio service station, TV program host and personal entertainment

### Specification

|                                  |  |
|----------------------------------|--|
| • Product Type: dynamic          | • Microphone Polar Pattern: uni-directional            |
| • Unit Diameter: Ø40mm           | • Microphone Frequency Response: 80Hz-15KHz            |
| • Impedance: 24Ω±15%             | • Microphone Sensitivity: -44dB~ -47dB                 |
| • Frequency Response: 20Hz-20KHz | • Connection: Ø3.5mm 4 conductor gold plated connector |
| • Rated Power: 20mW              | • Splitter Cable: Ø4mm x2m                             |
| • Peak Power: 50mW               | • Signal Cable: Ø4mm x1.6m                             |
| • Sensitivity: 97.5±3dB at 1KHz  | • Weight: 228g ±20g (excluding splitter cable)         |



## TS-451M

### Features

- Built-in high-quality digital decoding chip for precise reproduction of sound details and digital HD sound quality
- PET diaphragm of good stability to reproduce the details, sound field and level of music
- Closed design and comfortable ear pads to provide better sound insulation
- High-sensitivity microphone for excellent voice quality
- Ergonomic headset design suitable for different groups of people
- Compatible with a wider range of equipment thanks to Type-C interface and USB-A adapter

### Application

- Suitable for PC, MAC and mobile devices with Type-C interface

### Specification

|                                  |   |
|----------------------------------|---|
| • Product Type: dynamic          | • Microphone Polar Pattern: unidirectional        |
| • Unit Diameter: Ø40mm           | • Microphone Frequency Response: 80Hz-15KHz       |
| • Frequency Response: 20Hz-20KHz | • Microphone Sensitivity: -41±3dBV(IV/Pa at 1KHz) |
| • Sampling Rate: 48KHz           | • Connector: Type-C interface                     |
| • Bit Rate: 24bit                | • Adapter: USB-A to Type-C                        |
| • Maximum Output Power: 6.5mw    | • Signal Cable: Ø4mm*2m                           |
| • Impedance: 32Ω±15%             | • Weight: approximately 230g (excluding adapter)  |
| • Sensitivity: 97±3dB at 1KHz    |   |

INSTRUMENT

>>>>>







## DMS-D7

### Features

- DMS-D7 features advanced electroacoustic characteristic, it is the best choice for drum set recording
- Bass drum microphone-full low frequency response for strong and dynamical bass effect pick up
- Snare drum microphone-well designed low and medium frequency, ideal for snare and tom tom drum
- Condenser microphone-wide frequency response and high frequency resolution meet the recording requirement of suspended cymbal and hi-hat
- Rugged metal body construction

### Specification

| TA-8330 specification                  | PCM-6100 specification                          |
|--|---|
| • Transducer Principle: Dynamic        | • Transducer Principle: Condenser               |
| • Directivity Characteristic: Cardioid | • Directivity Characteristic: Cardioid          |
| • Frequency Response: 20Hz-16KHz       | • Frequency Response: 20Hz-20KHz                |
| • Sensitivity: -69dB ± 3dB             | • Sensitivity: -36k±3 dB                        |
| • Output Impedance: 150 Ω ±30%         | • Output Impedance: ≤1000Ω                      |
| TA-8230 specification                  | • Load Impedance: ≥1000Ω                        |
| • Transducer Principle: Dynamic        | • Equivalent Noise Level: ≤25dB                 |
| • Directivity Characteristic: Cardioid | • Max. SPL: 135dB(THD≤1% AT 1KHz)               |
| • Frequency Response: 60Hz -18KHz      | • Power Requirement: 9-52V Phantom Power Supply |
| • Sensitivity: -53dB±3dB               |   |
| • Output Impedance: 500Ω±30%           |   |

## CM-60

### Features

- Gold-plated diaphragm
- Cardioid directivity characteristic for ideal sound capturing
- High sensitivity and low self noise
- Suitable for high SPL environments
- Wide frequency response range and extended dynamic range
- Transformerless circuitry for noise reduction
- Low output impedance for long distance connection and high EMI resistance
- Built-in pre-amplifier circuitry for steady performance
- Optional bass filter to eliminate unwanted low frequency noise

### Application

- Recording, broadcasting, on-stage performance

### Specification

|   |  |
|---|--|
| • Transducer Principle: True Condenser        | • Output Impedance: 100Ω±30% (at 1kHz)     |
| • Directivity Characteristic: Cardioid        | • Load Impedance: ≥1000Ω                   |
| • Frequency Response: 30Hz-20kHz              | • Bass Filter: 12dB/octave at 100Hz        |
| • Sensitivity: -38dB±2dB (0dB=1V/Pa at 1kHz)  | • Power Requirements: 48V DC Phantom Power |
| • Max. Input SPL: 130dB (THD ≤1.0% at 1kHz)   | • Body Dimensions: Ø22 x 132mm             |
| • Equivalent Noise Level: ≤20dB A (IEC 581-5) | • Net Weight: 112g                         |

## CM-63

### Features

- Innovative anti-humidity technology for best performance under stringent climate environment
- Gold-plated diaphragm capsule assuring excellent transient response, wide frequency response range, high sensitivity, and accurate sound reproduction
- Built-in low noise FET for low noise and steady performance
- Optional 10dB attenuation for handling extremely high volume
- Hi-Fi OTL preamplifier featuring quality linear amplification and low distortion
- Low output impedance for minimizing power waste under long distance connection
- Multiple surface treatments guarantee long life durability

### Application

- Recording, broadcasting, on-stage performance

### Specification

|   |  |
|---|--|
| • Transducer Principle: True Condenser        | • Output Impedance: 200Ω±30% (at 1kHz)     |
| • Directivity Characteristic: Cardioid        | • Load Impedance: ≥1000Ω                   |
| • Frequency Response: 20Hz-20kHz              | • Bass Filter: 10dB/octave at 100Hz        |
| • Sensitivity: -35dB±2dB (0dB=1V/Pa at 1kHz)  | • Power Requirements: 48V DC Phantom Power |
| • Equivalent Noise Level: ≤20dB A (IEC 581-5) | • Body Dimensions: Ø22 x 145mm             |
| • Max. Input SPL: 130dB (THD ≤1.0% at 1kHz)   | • Net Weight: 120g                         |
| 140dB (with 10dB pad)                         |  |





WHM-24A

Features

- Unique concealed strip cartridge
- Magnet design for convenient installation
- Conveniently for harmonica professional Wah sound; This is the advantage which dynamic microphone can not achieve
- Balance acoustic design for picking up high/mid/low frequency sound
- Multiple cartridges operate simultaneously
- The circuit of balanced mixing technology and unique impedance for Hi-Fi sound
- Low gain high SPL picking up promotes the max SPL level
- Cell phone accompaniment music and harmonica sound transmitted simultaneously
- UHF low power consumption,high anti-interference capability, more than 40m transmission range
- Advanced RFI shield technology to isolate cell phone signal interference

Application

- Harmonica performance

Specification

|                                  |   |
|----------------------------------|---|
| • Cartridge: back electret       | • Frequency Range: 630MHz-890MHz (frequency band)     |
| • Polar Pattern: bidirectional   | • UHF Transmission Range: approximate 40m (open area) |
| • Frequency Response: 60HZ-16KHZ | • Battery: Lithium battery 300mAh 3.7V                |
| • Sensitivity: -69±3dB           | • Charging Time: <2h                                  |
| • Charging: DC 5V/100mA          | • Operation Time: approximate 3h                      |
| • Operation Voltage: DC 3-4.5V   | • Net Weight: 24g(WHM-24A) 19g(WHM-16A) 13g(WHM-10A)  |
| • Connector: 3.5mm/mono          |   |



**Optional**  
DM-2300 Dynamic Mic

## OPS-25

### Features

- The portable speaker tailored for rehearsal, outdoor performance, teaching
- Two 6.5 high performance cone speakers, high output volume, powerful full range stereo
- One XLR mic input and one guitar input connector for convenient singer performance
- Independent EQ and reverb and delay adjusting function to suit for microphone or instrument in different applications
- Trapezoidal enclosure design and socket for stage reinforcement or stand mounting
- Compact and portable design and solid structure and bag supplied for convenient outdoor application
- Built-in 5.0 bluetooth module, reliable transmission, HiFi sound, freely wireless music playing
- Use iPhone/iPad for recording or live broadcast via cell phone connector
- Built-in 2500mAh rechargeable Li-ion battery, low power consumption, more than 6h operation

### Application

- Rehearsal, outdoor performance, teaching

### Specification

|   |  |
|---|--|
| • Frequency Response: 100Hz-20kHz(±3dB)                   | • GUITAR in Sensitivity: 100mv, frequency range: 200Hz-15KHz |
| • Peak Power: 10W+10W                                     | • Operation Time: max load music playing time approximate 6h |
| • Distortion: < 1%  | • Charging Time: approximate 2.5h                            |
| • AUX in Sensitivity: 0.775V, frequency range: 20Hz-15kHz | • Battery: 11.1V/2500mAh Li-ion battery                      |
| • MIC in Sensitivity: 45mv, frequency range: 200Hz-15kHz  | • Charger: DC12V 2A  |



**Optional**  
TA-60 Dynamic Mic

## OP-8

### Features

- OP-8 portable speaker tailored for street performances, practices, small parties, and rehearsals
- Two 8-inch high-performance cone speakers for high output volume and powerful full frequency sound
- Two XLR mic input jacks and one guitar input jack making it convenient for singers to sing while playing the instrument
- Independent adjustment of EQ, reverb, and delay based on the different acoustic characteristics of microphones and instruments to make the sound more pleasant to hear
- Trapezoidal enclosure design suitable for on-stage sound reinforcement, fixed orifice convenient to mount the speaker on the stand
- Compact and lightweight enclosure, solid and durable body, supplied backpack for outdoor use
- Built-in 5.0 Bluetooth, stable transmission, Hi-Fi sound quality, wirelessly playing function
- Using iPhone/iPad for recording and live broadcast via the cell phone connector
- Built-in 10000mAh Li-ion battery and ultra-low power consumption for the operation time of over 6h

### Application

- Outdoor performance, personal practice, small party, program rehearsal

### Specification

|   |                                     |
|---|-------------------------------------|
| Speaker Specifications  | • Operating Temperature: -10°C~45°C |
| • Speakers: 8 inch*2 (woofer), 2.5 inch*2 (tweeter)             | • Dimensions: 500X315X255mm (L*W*H) |
| • Frequency Response: 100Hz-15kHz                               | • Weight: approx. 12kg              |
| • Rated Power: 200W   | Battery Specifications              |
| • Distortion: <1%   | • Type: Li-ion battery              |
| • AUX Input Sensitivity: 0.775V, frequency range: 20Hz-15kHz    | • Specification: 11.1V/10000mAh     |
| • MIC Input Sensitivity: 45mV, frequency range: 200Hz-15kHz     | • Charging: AC110~240/50-60Hz       |
| • GUITAR Input Sensitivity: 100mV, frequency range: 200Hz-15kHz | • Operation Time: approx. 6h        |
|   | • Charging Time: approx. 4.5h       |

## OP-6

### Features

- Portable speaker designed for street performances, practices, small gatherings, and rehearsals
- Two 6.5" high-performance paper cone speakers inside, offering loud and strong full-range sound
- One XLR mic input and one guitar input interface, for easy vocal/guitar play
- Independent EQ, reverb and delay settings for Mic and Instrument
- Angled enclosure design fits for stage placement, and pole cut for stand mounting
- Compact, rugged, supplied with a travel bag, convenient for outdoor uses
- Bluetooth switch to quickly enable/disable Bluetooth anytime
- Easy recording and live streaming via iPhone/iPad through OTG or 3.5mm interface
- Over 6h continuous operation, thanks to its built-in 2,500mAh Li-ion battery and ultra-low power consumption

### Application

- Outdoor performance, personal practice, small party, program rehearsal

### Specification

- |   |                                 |
|---|---------------------------------|
| • Rated Power (W) (AES): 50                         | • Battery Life (H): 6 (approx.) |
| • Input Sensitivity AUX/MIC/GUITAR (mV): 700/45/100 | • Charging Time: 2.5            |
| • Frequency Range (Hz): 110-16000                   | • Dimensions (mm): 410×255×218  |
| • Li-Battery Capacity (mA) / Voltage (V): 2500/12.6 |                                 |



## OP-7

### Features

- Portable speaker designed for street performances, practices, small gatherings, and rehearsals
- Two 6.5" high-performance paper cone speakers inside, offering loud and strong full-range sound
- One XLR mic input and one guitar input interface, for easy vocal/guitar play
- Independent EQ, reverb and delay settings for Mic and Instrument
- Angled enclosure design fits for stage placement, and pole cut for stand mounting
- Compact, rugged, supplied with a travel bag, convenient for outdoor uses
- Bluetooth switch to quickly enable/disable Bluetooth anytime
- Easy recording and live streaming via iPhone/iPad through OTG or 3.5mm interface
- Over 6h continuous operation, thanks to its built-in 2,500mAh Li-ion battery and ultra-low power consumption

### Application

- Outdoor performance, personal practice, small party, program rehearsal

### Specification

- |   |                                 |
|---|---------------------------------|
| • Rated Power (W) (AES): 70                         | • Battery Life (H): 6 (approx.) |
| • Input Sensitivity AUX/MIC/GUITAR (mV): 700/45/100 | • Charging Time: 2.5            |
| • Frequency Range (Hz): 100-16000                   | • Dimensions (mm): 435×285×252  |
| • Li-Battery Capacity (mA) / Voltage (V): 2500/12.6 |                                 |





# PORTABLE AMPLIFIER

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## DA-235

### Features

- Hands-free two-way intercom system that automatically recognizes and processes voice signals
- Special anti-sidetone processing chip to effectively minimize feedback
- Fully automatic communication control, external unit features integrated mic and speaker, and one-cable easy connection with host unit
- Excellent circuitry for high output power up to 3W and clear sound quality
- Discrete volume controls on host unit for both external and internal units
- AUX input for audio playback towards customers
- 3.5mm recording output of internal & external voice signals, e.g., for bank teller recording
- Cable protection design on host unit for extended use without damage
- Extension unit can be hung on the wall or taped on glass with the supplied strong adhesive
- Compact and streamlined design for improving work efficiency

### Application

- Banks, securities, post offices, railway stations, cash registers, ticket offices, hospitals, fast food restaurants, convenience stores

### Specification

- |   |  |
|---|--|
| • Working Voltage: DC 12V/1A                              | • Host Unit Sensitivity: -44dB±3dB (0dB=1V/Pa at 1KHz) |
| • Output Power: 3W (max)                                  | • Frequency Response: 100Hz-12KHz                      |
| • Extension Unit Sensitivity: -38±3dB (0dB=1V/Pa at 1KHz) |  |



## DA-235M

### Features

- Hands-free two-way intercom system that automatically recognizes and processes voice signals
- Special anti-sidetone processing chip to effectively minimize feedback
- Fully automatic communication control, external unit features integrated mic and speaker, and one-cable easy connection with host unit
- Excellent circuitry for high output power up to 3W and clear sound quality
- Discrete volume controls on host unit for both external and internal units
- AUX input for audio playback towards customers
- 3.5mm recording output of internal & external voice signals, e.g., for bank teller recording
- Cable protection design on host unit for extended use without damage
- Extension unit can be hung on the wall or taped on glass with the supplied strong adhesive
- Compact and streamlined design for improving work efficiency

### Application

- Banks, securities, post offices, railway stations, cash registers, ticket offices, hospitals

### Specification

- |   |  |
|---|--|
| • Working Voltage: DC 12V/1A                              | • Host Unit Sensitivity: -44dB±3dB (0dB=1V/Pa at 1KHz) |
| • Output Power: 3W (max)                                  | • Frequency Response: 100Hz-12KHz                      |
| • Extension Unit Sensitivity: -38±3dB (0dB=1V/Pa at 1KHz) |  |



## DA-237

### Features

- Full duplex voice technology automatically recognizes and process voice signal
- Special anti-side tone processing chip features automatic squelch control and effectively minimize the howling
- Full automatic communication control technology, wall mount unit(external unit) features integrated microphone and speaker, one cable for convenient connection of the wall mount unit and desktop unit
- Excellent circuitry for high output power up to 3W and clear sound quality
- Independent mute control on desktop unit for both external and internal units
- Audio input function input signal like PC voice warning for customer listening
- Line output function for recording of internal/external voice signal
- Cable protection design on desktop unit
- Compact, elegant design

### Application

- Bank, stock exchange, post office, railway station, cashier desk, ticket office and hospital

### Specification

- |                                   |  |
|-----------------------------------|--|
| • Operating Voltage: DC 12V/1A    | • Net Weight of Host Unit: 538g                    |
| • Output Power: 3W(max)           | • Net Weight of Extension Unit: 120g               |
| • Frequency Response: 100Hz-12kHz | • Host Unit Dimensions: 18.2cm x 12.0cm x 5.6cm    |
|                                   | • Extension Unit Dimensions: 6.1cm x 8.5cm x 2.4cm |





## DA-239

### Features

- Full automatic communication control, duplex voice intercom communication technology automatically recognize and process the voice signal without any operation during communication
- Stereo output port for both internal and external voice signal output (for bank clerk recording), recording function is not controlled by the power button and function buttons
- Use high performance components, high output power up to 5W, clear and loud sound quality, high voice resolution
- Independent mute control button on host unit for both external and internal units, which can be controlled according to the application
- Elegant appearance design, built-in LED indicator on the buttons for simple use
- Customized anti-side tone processing chip for automatic squelch control and effectively minimize the howling
- Audio signal input function like PC voice prompt for external broadcasting
- Extension unit can be hung on the wall or pasted on the glass by strong adhesive tape
- Dual gooseneck design for different pickup angle

### Application

- Bank, securities company, post office, railway station, payment station, ticket office, hospital

### Specification

|                                   |  |
|-----------------------------------|--|
| • Operating Voltage: DC 12V/1A    | • Net Weight of Host Unit: 580g                |
| • Max. Output Power: 10W          | • Net Weight of Extension Unit: 220g           |
| • Frequency Response: 100Hz-12kHz | • Host Unit Dimensions: 179.7×129.8×56.5mm     |
| • Speaker Impedance: 4Ω           | • Extension Unit Dimensions: 117.8×83.7×38.9mm |



## DA5

### Features

- The megaphone combining microphone, power amplifier and speaker together, suitable for speech, tour guide, teaching
- Rare earth material speaker, light weighted, high volume
- Class F power amplifier chip, peak output power 5W
- Digital rejecting feedback function effectively rejects feedback
- Ultra-long standby, turning off automatically after no signal input for 15 minutes
- High capacity Li-ion battery; 2h charging lasts for 8h operation
- Compact design, easy operation, suitable for reinforcement for a long time

### Application

- Speech, tour guide, promotion, teaching

### Specification

|                                       |  |
|---------------------------------------|--|
| Megaphone Specification               | • Operation Time: approximate 8h           |
| • Frequency Response: 200Hz-12KHz     | • Operation Voltage Range: 3.4V-4.2V       |
| • Peak Power: 5W                      | • Dimension: 193.1×60.7×60.7mm             |
| • Speaker Impedance: 4Ω               | • Net Weight: approximate 150g             |
| • THD: THD≤5% 1KHz @ 4R, 3W           | Cartridge Specification                    |
| • S/N Ratio: 77dB (A-Weighted) @1W 4Ω | • Cartridge: back electret                 |
| • Battery Type: Li-ion battery        | • Polar Pattern: unidirectional            |
| • Battery Specification: 3.7V/1300mAh | • Frequency Response: 100Hz-10KHz          |
| • Charging: DC 5V 1A                  | • Sensitivity: -47±3dB (0dB=1V/Pa, at1KHz) |
| • Charging Time: approximate 2h       |  |

## DA6

### Features

- Combining microphone, power amplifier and speaker together, suitable for speech, promotion, Karaoke, etc.
- Rare earth material speaker, light weight, excellent sound, high volume, peak power 6W
- Pressing one button to switch between Speech Mode and Karaoke Mode, which is more convenient for operation
- Volume control function to adjust the volume based on the venue
- Built-in DSP chip with the feedback rejecting function to reject feedback effectively
- Ultra-long standby, turning off automatically after no signal input for 15 minutes to save the power consumption
- High-capacity Li-ion battery for energy saving and environmental protection, approx. 10h operation time
- Compact design, comfortable to hold, suitable for sound reinforcement and Karaoke for a long time

### Application

- Teaching, tour guide, training, promotion, Karaoke

### Specification

|                                   |  |
|-----------------------------------|--|
| Speech Microphone                 | • Charging Time: approx.2h                 |
| • Frequency Response: 100Hz-15KHz | • Operation Time: approx. 10h(speech mode) |
| • Peak Power: 6W                  | • Weight: approx.178g                      |
| • Speaker Impedance:4Ω            | • Dimensions: Ø61mm*206mm (Dia*H)          |
| • THD:THD≤5% 1KHz@4R, 4W          | Cartridge                                  |
| • Operating Voltage: 3.4V-4.2V    | • Cartridge: back electret                 |
| • Battery Type: Li-ion battery    | • Polar Pattern: unidirectional            |
| • Battery Capacity: 3.7V/2000mAh  | • Frequency Response:150Hz-16KHz           |
| • Charging: DC 5V/1A              | • Sensitivity:-47±3dB(0dB=1V/Pa,at1KHz)    |



## DA10

### Features

- Combining microphone, power amplifier and speaker together, suitable for speech, publicity, karaoke
- Rare earth material speaker, light weight, excellent sound, high volume, peak power 8W
- One button to switch between MC mode and KTV mode, easy operation
- Wireless playing function without the trouble of cable connection, more convenient to play music
- Volume adjusting function to adjust the volume based on the venue
- Built-in DSP chip with the feedback rejecting function to reject feedback effectively
- Ultra-long standby, turning off automatically after no signal input for 15 minutes to save the power consumption
- High capacity Li-ion battery for energy saving and environmental protection, approximately 8h operation time
- Compact design, comfortable to hold, suitable for reinforcement and karaoke for a long time

### Application

- Speech, publicity, karaoke, etc.

### Specification

|   |  |
|---|--|
| • Frequency Response: 100Hz-15kHz                 | • Charging: DC 5V/1.5A                         |
| • Peak Power: 8W                                  | • Charging Time: apprpx.3h                     |
| • Speaker Impedance: 4Ω                           | • Operation Time: approx.8h(speech)            |
| • THD: THD≤5% 1KHz@4R,4W                          | • Net Weight: approx. 220g                     |
| • S/N Ratio: 66dB (A-Weighted)@1W 4Ω(speech mode) | • Dimension: Φ64mm*235mm(Dia*H)                |
| • Main Chip: DSP                                  | Cartridge Specification                        |
| • Bluetooth Version: 5.0                          | • Cartridge: back electret                     |
| • Reverb: Reverb                                  | • Polar Pattern: unidirectional                |
| • Operating Voltage: 3.4V-4.2V                    | • Frequency Response: 150Hz-16KHz              |
| • Battery Type: Li-ion battery(18650)             | • Sensitivity: -47.5±1.5dB(0dB=1V/Pa, at 1KHz) |
| • Battery Capacity: 3.7V/2000mAh                  |  |





## E126W

### Features

- Compact, lightweight, wireless voice amplifier
- UHF transmission, effective up to 40m in open area
- 8W high-power digital audio amplification, with wireless headset mic
- Built-in Li-ion battery lasts up to 8h, supports Type-C quick charge
- Wireless audio playback for untethered music enjoyment
- LED indicators give you a clear idea about device status
- Wear across shoulder or around waist, use at ease
- Stylish look and ergonomic design

### Application

- Voice amplification for teaching, promotion, tour guide, training, sales

### Specification

| Voice Amplifier                     | Headset Microphone                            |
|-------------------------------------|---|
| • Frequency Response: 80Hz-12kHz    | • Cartridge: back electret                    |
| • Peak Power: 8W                    | • Polar Pattern: unidirectional               |
| • Speaker Impedance: 4Ω             | • Frequency Response: 60Hz-16kHz              |
| • THD: THD≤1%                       | • Sensitivity: -51~-54dB                      |
| • Operating Voltage: 3.5V-4.2V      | • UHF Frequency: 630MHz-698MHz (segmented)    |
| • Battery Type: Lithium-ion battery | • UHF Effective Range: approx. 40m, open area |
| • Battery Capacity: 3.7V/2,000mAh   | • Battery Type: Lithium-ion battery           |
| • Charging Method: DC 5V/800mA      | • Battery Capacity: 3.7V/400mAh               |
| • Charging Time: approx. 2.5h       | • Charging Method: DC 5V/150mA                |
| • Battery Life: approx. 8h          | • Charging Time: approx. 2.5h                 |
| • Net Weight: approx. 142g          | • Battery Life: approx. 5h                    |
| • Dimensions: 91mm*41mm*119mm       | • Net Weight: approx. 39g                     |

## E300W

### Features

- The portable amplifier with playing function to suit for teaching, tour guide, training and promotion
- UHF wireless transmission technology, operation range approximate 40m in open and non-interference area
- Headset microphone has 40 channels and high/low power option available for selection. Use multiple amplifiers simultaneously without issue.
- Compact headworn microphone for wearing in a long time
- Rare earth material speaker, light weight, wonderful sound, high volume
- Wireless playing function to link with cell phone/PC/PAD to play music
- TF card for audio playing in MP3/WAV format
- Recording function to record audio file in WAV format
- FM function, automatically searching stations, saving more than 50 channels
- High capacity Li-ion battery, lasts for around 13h operation time

### Application

- Teaching, tour guide, training, promotion, propaganda, morning exercise, entertainment

### Specification

| Amplifier:                                      | Headworn microphone:                              |
|---|---|
| • Frequency Response: 80Hz-12kHz                | • Cartridge: back electret                        |
| • Peak Power: 10W                               | • Polar Pattern: unidirectional                   |
| • Speaker Impedance: 4Ω                         | • Frequency Response: 60Hz-16kHz                  |
| • UHF Frequency: 630MHz-890MHz (frequency band) | • Sensitivity: -51 to -54dB (0dB=1V/Pa/m at 1kHz) |
| • UHF Operation Range: open area 40m            | • UHF Frequency: 630MHz-890MHz (frequency band)   |
| • Media Playing: TF card, max 64G               | • UHF Operation Range: open area 40m              |
| • Media Format: MP3, WAV                        | • Battery Type: Li-ion battery                    |
| • Battery Type: Li-ion battery                  | • Battery Capacity: 3.7V 400mAh                   |
| • Battery Specification: 3.7V 2500mAh           | • Charging: USB 5V 200mA                          |
| • Charging: USB 5V 1000mA                       | • Charging Time: approximate 2.5h                 |
| • Charging Time: approximate 2.5h               | • Operation Time: approximate 5h                  |
| • Operation Time: around 13h                    | • Net Weight: approximate 39g                     |
| • Net Weight: approximate 200g                  |   |
| • Dimension: 113*84*44mm                        |   |





Head-mounted Version



Handheld Version

## E261W

### Features

#### Handheld version

- Rare earth material speaker, 25W high power, excellent sound, high volume
- UHF wireless technology, approximately 40m transmission range in open area without interference
- Adjustable frequencies, 50 selected channels available, supporting multiple amplifiers used simultaneously
- Wireless handheld microphone, automatic frequency matching technology, easy operation, strong anti-interference capability
- Wireless playing function without the trouble of cable connection, more convenient to play songs
- High capacity Li-ion battery with approximately 12h operation time
- High-end aluminum alloy box, convenient to store and carry

#### Head-mounted version

- Portable wireless amplifier suitable for teaching, tour guide, training, promotion, etc.
- UHF wireless technology, approximately 40m transmission range in open area
- Adjustable frequencies, 50 selected channels available, supporting multiple amplifiers used simultaneously
- Wireless headset microphone, compact and lightweight design for long-time wearing
- Rare earth material speaker, 25W high power, excellent sound, high volume
- Wireless playing function without the trouble of cable connection, more convenient to play songs
- High capacity Li-ion battery with approximately 12h operation time

### Application

- Teaching, tour guide, training, promotion, etc.

### Specification

|   |  |
|---|--|
| • Frequency Response: 80Hz-18KHz              | • Frequency Response: 60Hz-16KHz                 |
| • Rated Power: 10W                            | • Sensitivity: -55±3dB(0db=1V/Pa/m at 1KHz)      |
| • Peak Power: 25W                             | • Gain Adjustment: -18dB-21dB                    |
| • Speaker Impedance: 4Ω                       | • Transmitter Power: ≤10mW                       |
| • Frequency Range: 630-698MHz(frequency band) | • Power Supply: 2pcs of AA batteries             |
| • Number of Channels: single channel          | • Dimension: Φ36.5mm*245mm(Dia*L)                |
| • Number of Frequencies: 50                   | • Net Weight: approx. 237g                       |
| • Mute Control: pilot frequency/digital ID    | Headset microphone                               |
| • Battery Type: Li-ion battery                | • Cartridge: back electret cartridge             |
| • Battery Specification: 7.4V/2000mAh         | • Polar Pattern: unidirectional                  |
| • Charging: DC 5V/1A                          | • Frequency Response: 60Hz-16KHz                 |
| • Charging Time: approx. 4h                   | • Sensitivity: -51 to -54dB(0db=1V/Pa/m at 1kHz) |
| • Operation Time: approx. 10h @60% volume     | • Battery Type: Li-ion battery                   |
| • Dimension: 110*110*56.6mm                   | • Battery Capacity: 3.7V/400mAh                  |
| • Net Weight: approx. 400g                    | • Charging: DC 5V/100mA                          |
| Handheld microphone                           | • Charging Time: approx. 4h                      |
| • Cartridge: dynamic                          | • Operation Time: approx. 5h                     |
| • Polar Pattern: unidirectional               | • Net Weight: approx. 39g                        |



## WDA-500 (Handheld Version)

### Features

- The portable multifunction speaker, suitable for outdoor performance, square dance, promotion, training
- Designed with UHF wireless microphone, approximately 40m transmission range in open area without interference
- 5.25-inch high performance cone speaker, high volume output, powerful tone
- Wireless playing function, link with cell phone/PC/PAD to play music
- Playing music in USB stick or TF card, MP3/WAV format
- HF/LF/echo adjustment function and ducking function to meet the requirement of various applications
- Press one button to record, saving WAV format audio files
- FM radio function, automatically searching station, saving more than 50 channels
- Designed with infrared remote control to convenient operation mode, volume adjustment, recording and selecting songs
- High capacity Li-ion battery, rechargeable, environment friendly

### Application

- Outdoor performance, square dance, promotion, training

### Specification

|                                       |  |
|---------------------------------------|--|
| Speaker Specification:                | • Dimension: 285X151 X 338 mm (WDXH)         |
| • Frequency Response: 20Hz-20KHz      | • Net Weight: approximate 2.9kg              |
| • Speaker: 5.25 inch *1 (full range)  | Transmitter (wireless microphone)            |
| • Rated Power: 20W                    | • Cartridge: dynamic                         |
| • Peak Power: 40W                     | • Polar Pattern: unidirectional              |
| • Media Playing: TF card/USB, max 64G | • Frequency Response: 60Hz-18KHz             |
| • Media Format: MP3, WAV              | • Sensitivity: -51±3dB (0db=1V/Pa/m at 1KHz) |
| • Battery: Li-ion battery             | • UHF: 650MHz-669.5MHz                       |
| • Battery Capacity: 11.1V/4500mAh     | • Operation Range: approximate 40m open area |
| • Power Supply: DC 12V/1A             | • Power Supply: 1.5V AA batteries (2)        |
| • Charging Time: approximate 4h       | • Dimension: Φ36mm* 245 mm (dia*L)           |
| • Operation Time: ~20h (60% vol)      | • Net Weight: approximate 255g               |

## WDA-500 (Head-Mounted Version)

### Features

- The portable multifunction speaker cabinet, suitable for outdoor performance, square dance, promotion, training
- Designed with UHF wireless microphone, approximately 40m transmission range in open area without interference
- 5.25-inch high performance cone speaker, high volume output, powerful tone
- Wireless playing function, link with cell phone/PC/PAD to play music
- Playing music in USB stick or TF card, MP3/WAV format
- HF/LF/echo adjustment function and ducking function to meet the requirement of various applications
- Press one button to record, saving WAV format audio files
- FM radio function, automatically searching station, saving more than 50 channels
- Designed with infrared remote control to convenient operation mode, volume adjustment, recording and selecting songs
- High capacity Lithium battery, rechargeable, environment friendly

### Application

- Outdoor performance, square dance, promotion, training

### Specification

|                                       |  |
|---------------------------------------|--|
| Speaker cabinet specification:        | Transmitter (Headset microphone)                 |
| • Frequency Response: 20Hz-20KHz      | • Cartridge: back electret                       |
| • Speaker: 1 * 5.25-inch full-range   | • Polar Pattern: unidirectional                  |
| • Rated Power: 20W                    | • Frequency Response: 60Hz-16KHz                 |
| • Peak Power: 40W                     | • Sensitivity: -51 to -54dB(0db=1V/Pa/m at 1kHz) |
| • Media Playing: TF card/USB, max 64G | • UHF Frequency: 650MHz~670MHz(segmented)        |
| • Media Format: MP3, WAV              | • UHF Operation Range: open area 40m             |
| • Battery: Li-ion battery             | • Battery Type: Li-ion battery                   |
| • Battery Capacity: 11.1V/4500mAh     | • Battery Capacity: 3.7V 400mAh                  |
| • Power Supply: DC 12V/1A             | • Charging: USB 5V 200mA                         |
| • Charging Time: approximate 4h       | • Charging Time: approximate 2.5h                |
| • Operation Time: approximate 5h      | • Operation Time: approximate 5h                 |
| • Dimension: 285*151*338mm (W*D*H)    | • Net Weight: approximate 39g                    |
| • Net Weight: approximate 2.9kg       |  |

**E17****Features**

- Music play function supports the MP3 audio file play of USB flash disk
- Support song single cycle
- Automatic FM station searching function, multiple channels can be saved
- VHF wireless system
- Dual channels and supplied with both handheld transmitter and body-pack transmitter
- Long operating range up to 30m or more
- Excellent sound quality and wide frequency response
- 35W output power for operating range of 800 square meters
- Adjustable volume, tone and echo function
- AUX-IN and AUX-OUT sockets for convenient connection with other audio equipment
- Built-in auto-recharge control circuit, optional high capacity rechargeable batteries for open air convenient use

**Application**

- Reinforcement in teaching, tour guide, propaganda, visiting, morning exercise

**Specification**

|  |  |
|--|--|
| Transmitter  | • Frequency Response: 100Hz-12kHz  |
| • Frequency Steadiness: $\pm 0.005\%$                              | • Speaker Impedance: 4 $\Omega$  |
| • Harmonic Suppression: $\leq -40\text{dB}$                        | • Power Requirement: rechargeable battery or external 16V/3A power adaptor     |
| • Operating Current (tie-clip mic): 90-110mA                       | • Handheld Transmitter Operating Range: 30m outdoors                           |
| • Operating Current (handheld mic): 25-45mA                        | • Bodypack Transmitter Operating Range: 25m outdoors                           |
| • Transmit Power: $\leq 10\text{mW}$                               | • Recharging Time: approx 6-8 hrs (variable according to the battery capacity) |
| Receiver   | • Playtime: Li-ion battery: 4-5hrs   |
| • Frequency Range: 220-270MHz (more than 40 optional frequencies)  | • Operating Temperature: $-20^{\circ}\text{C}$ - $60^{\circ}\text{C}$          |
| • Receiving Sensitivity: $-80\text{dBm}$ (S/N $\geq 30\text{dB}$ ) | • Net Weight: 3.25kg (including the battery 0.9kg)                             |
| • Squelch Control: Noise-Lock                                      | • USB Disk Capacity: 16GB (MAX)  |
| • Harmonic Interference Rate: $>50\text{dB}$                       | • FM Frequency Band: 76-108MHz   |
| • False Image Interference Rate: $>50\text{dB}$                    | • Dimension: 300*250*140mm   |
| • Total Harmonic Distortion: $<1\%$ (1kHz)                         |  |
| • Output Power: 35W max  |  |
| • S/N Ratio: $>70\text{dB}$  |  |



## Wired Portable Amplifier

**E126A****Features**

- Compact and lightweight mini amplifier
- Rare earth material speaker, lightweight, good sound quality, loud sound
- Digital sound reinforcement, 8W high-power audio output
- Built-in large-capacity Li-ion battery, energy-saving and environmentally friendly, approx. 15h operation time
- Used as a small speaker with its AUX input
- Indicator light to display the real-time working status of the amplifier
- Wearing it with a waist or shoulder strap for more convenient use
- Ergonomic design, novel and stylish appearance

**Application**

- Teaching, tour guide, training, promotion

**Specification**

|                                   |   |
|-----------------------------------|---|
| Amplifier                         | • Charging Time: approx. 2.5h                                       |
| • Frequency Response: 150Hz-12KHz | • Operation Time: approx. 15h                                       |
| • Peak Power: 8W                  | • Weight: approx. 148g  |
| • Speaker Impedance: 4 $\Omega$   | • Dimensions: 92mm*72.5mm*25mm                                      |
| • THD: THD $\leq 1\%$ 1KHz@4R,4W  | Headworn Microphone   |
| • Operating Voltage: 3.45V-4.2V   | • Cartridge: back electret cartridge                                |
| • Battery Type: Li-ion battery    | • Polar Pattern: unidirectional                                     |
| • Battery Capacity: 3.7V/1800mAh  | • Frequency Response: 60Hz-16KHz                                    |
| • Charging: DC 5V 800mA           | • Sensitivity: $-48.5\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa, at 1KHz) |







## E126

### Features

- Small size and lightweight MINI amplifier
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Digital circuitry technology, 8W output power
- Powered by high capacity rechargeable polymer Li-ion battery
- Built-in MCU intelligent recharging management system for secure battery charging and discharging, fast charging time (4-6hrs) and long play time (more than 15hrs)
- With AUX audio signal input function, as a small speaker
- Compact and elegant design, durable ABS construction
- Choices of waist or shoulder hanging wear style for convenient use

### Application

- Teaching, tour guiding, outdoor activity, promotion

### Specification

|   |                              |
|---|------------------------------|
| • Frequency Response: 90Hz-12KHz                          | • Power Adaptor: DC 5V 600mA |
| • Rated Output Power: 4W                                  | • Recharging Time: 4-6hrs    |
| • Max. Output Power: 8W                                   | • Playtime: ≥15hrs           |
| • Output Impedance: 4Ω                                    | • Dimension: 92x72x27mm      |
| • Battery Specification: 3.7V/1000mAh lithium-ion battery | • Net Weight: 140g           |



## E136

### Features

- The portable amplifier combining microphone and power amplifier together to suit for teaching and tour guide
- Digital amplifying technology, up to 10W peak output power
- Rare earth material speaker, light weight, wonderful sound, high volume level
- Light weight and compact headworn microphone for wearing in a long time
- LINE IN audio input function; The amplifier can be used as a multimedia speaker
- High capacity Li-ion battery; 4h charging lasts for more than 15h operation
- Shoulder hanging or waist wearing for convenient application

### Application

- Teaching, tour guide, training, promotion, propaganda

### Specification

|                                       |                                 |
|---------------------------------------|---------------------------------|
| • Frequency Response: 90Hz-12kHz      | • Charging: DC 5V/600mA         |
| • Peak Power: 10W                     | • Charging Time: approximate 4h |
| • Speaker Impedance: 4Ω               | • Operation Time: more than 15h |
| • Battery Type: Li-ion battery        | • Dimension: 92x81x38mm         |
| • Battery Specification: 3.7V/2000mAh | • Net Weight: approximate 175g  |



## E180M

### Features

- Digital circuitry technology, 12W output power
- Music play function supports playing multimedia audio files on USB flash drive and TF card
- LOW-THD AT Adaptive Technology features low distortion even at high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system for secure battery charging and discharging, fast charging time (4-6hrs) and long play time (more than 20hrs)
- With AUX audio signal input, functions as a small speaker
- Exquisite and durable design
- Choices of waist or shoulder hanging wear style for convenient use

### Application

- Teaching, tour guiding, outdoor activity, selling, presentation

### Specification

|   |                                 |
|---|---------------------------------|
| • Frequency Response: 80Hz-12kHz                          | • Recharging Period: 4-6hrs     |
| • Output Power: 12W                                       | • Playtime: ≥20hrs              |
| • Output Impedance: 4Ω                                    | • USB Disk and TF Card: Max 32G |
| • Operating Voltage: 3.7V                                 | • Dimension: 86 x 98 x 46mm     |
| • Battery Specification: 3.7V/2000mAh lithium-ion battery | • Net Weight: 350g              |
| • Power Adaptor: DA 5V/600-750mA                          |                                 |

## E188M Bluetooth Version

### Features

- The portable multimedia amplifier combining bluetooth, microphone and player together
- Rare earth material speaker, light weight, better and louder sound
- Wireless music playing function, supporting playing multimedia audio files in USB stick or TF card
- High capacity Li-ion battery for long time operation
- Class D power amplifier module, low power consumption and high efficiency, output audio power up to 8W
- Recharging 4 hours lasts for more than 10 hours of operation
- Ergonomic design, innovative and fashionable contour, comfortable operation

### Application

- Teaching, tour guide, training, promotion, propaganda, morning exercise

### Specification

|  |  |
|--|--|
| • Frequency Response: 80Hz-12KHz         | • Operation Time: ≥10h                                   |
| • Peak Power: 8W THD+N<10%               | • TF Card: max 64G                                       |
| • Speaker Impedance: 4Ω                  | • Media Format: MP3, WAV, WMA                            |
| • Operation Voltage: DC 3.5-4.2V         | • Electret Headworn Microphone Specification: -(49-52)dB |
| • Battery: 18650 one battery 3.7V/2000mA | • Dimension: 99x81x38mm                                  |
| • Charger: DC 5V,600mA                   | • Net Weight: 220g                                       |
| • Charging Time: approximate 4h          |  |

## E270

### Features

- Digital reinforcement technology, 12W high power audio output
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function supports multimedia audio file play of USB flash drive and TF card
- LOW-THD AT adaptive technology features low distortion even under high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system effectively protect the battery
- Aux audio signal input function, can be used as small speaker
- Bluetooth function for convenient music playing
- Solid and durable ABS enclosure
- Fashionable contour, shoulder hanging or waist wearing style for convenient use

### Application

- Teaching, tour guiding, training, promotion, propaganda, morning exercise, entertainment

### Specification

|   |                                  |
|---|----------------------------------|
| • Frequency Response: 80Hz-12kHz                | • Recharging Time: ~4 hours      |
| • Max. Output Power: 12W                        | • Operating Time: ≥10 hours      |
| • Speaker Impedance: 4Ω                         | • TF Card: max 64G               |
| • Operating Voltage: 3.7V                       | • Media Format: MP3, WAV, WMA    |
| • Battery: 1pc 3.7V/2000mAh lithium-ion battery | • Product Dimension: 94*101*45mm |
| • Charger: DC 5V/900mA                          | • Unit Weight: 247g              |

## E300

### Features

- Portable wired amplifier suitable for teaching, tour guide, promotion, etc.
- Wired head-worn microphone of compact and lightweight design for long-time wearing
- Rare earth material speaker, light weight, high-quality sound, high volume
- Wireless playing function to play audio files in a cell phone, PC, PAD, etc.
- Supporting TF card, music playing function to play audio files in MP3 or WAV format
- Recording function to record and save audio files in WAV format
- FM radio function to search and save channels up to 50
- Built-in high capacity Li-ion battery, operation time of more than 10h
- 10W peak power, higher volume, and wide coverage to easily meet the needs of indoor and outdoor sound reinforcement

### Application

- Suitable for teaching, tour guide, training, promotion, publicity, morning exercise, entertainment, etc

### Specification

|                                   |   |
|-----------------------------------|---|
| Amplifier Specification           | • Charging Time: approx. 2~3h                 |
| • Frequency Response: 150Hz-12kHz | • Operation Time: approx. 10h                 |
| • Peak Power: 10W                 | • Net Weight: approx. 200g                    |
| • Speaker Impedance: 4Ω           | • Dimension: 113*84*44mm (L*W*H)              |
| • THD: THD≤1% 1KHz@4R,4W          | Cartridge Specification                       |
| • Main Chip: AC6926A4             | • Cartridge: back electret cartridge          |
| • Operating Voltage: 3.45V-4.2V   | • Polar Pattern: unidirectional               |
| • Battery Capacity: 3.7V/2000mAh  | • Frequency Response: 100Hz-12.5KHz           |
| • Charging: DC 5V/800mA           | • Sensitivity: -42~-48dB (0dB=1V/Pa, at 1KHz) |





WDA-900L

## WDA-900L

### Features

- Multifunctional, high-power active speaker system with audio output power up to 80W
- UHF dual-channel wireless microphone, more reliable transmission, multiple sets used simultaneously
- Multi-channel independent volume control and independent adjustment of EQ and ECHO for multiple applications
- Music playing function for playing multimedia audio files on flash drive and SD memory card
- Vocal removal function for you to experience karaoke anytime, anywhere
- 3.5mm, RCA audio interfaces and wired microphone interface for easy connection of external audio sources and wired microphone input
- Built-in large-capacity 11V/10000mAh rechargeable li-ion battery suitable for indoor and outdoor applications

### Application

- Suitable for teaching, meeting rooms, gyms, homes, small performances, etc.

### Specification

|  |   |
|--|---|
| • Model: WDA-900L                      | • Charging Time: 3-5h                                     |
| • Type of Power Amplifier: Class D     | • THD: ≤0.5%  |
| • Rated Power: 80W                     | • UHF Frequency Range: 640MHz-690MHz                      |
| • Woofer: 10" 35mm 120 magnet 4Ω       | • Sensitivity of Wireless Microphone: -80dBm              |
| • Tweeter: 25mm 80 magnet 4Ω           | • Frequency Response of Wireless Microphone: 100Hz-10KHz  |
| • Frequency Response: 80Hz-15KHz       | • Operation Range of Wireless Microphone: 50m (open area) |
| • Power Supply: AC 100V-240V/50Hz-60Hz | • Battery Operation Time of Wireless Microphone: 10h      |
| • Built-in Battery: 11V/10000mAh       | • Operating Temperature: -10°C-45°C                       |
| rechargeable li-ion battery            | • Dimensions (L*W*H): 300*310*520mm                       |
| • Operation Time: 3-6h                 | • Net Weight: 15Kg  |



Remote Controller  
(WDA-900L/1200)



Handheld Transmitter  
(WDA-900L/1200)



WDA-1200

## WDA-1200

### Features

- Multifunctional active speaker system with audio output up to 120W
- UHF dual channels for reliable transmission and simultaneous use with two wireless microphones
- Independent volume controls, EQ, Echo and 5 MIC modes, adaptable to various occasions
- Music playback function that supports playing audio files on flash drive and TF card
- Bluetooth music playback which links to Bluetooth devices like PC, phone and tablet
- DSP Vocal Removal function allows you to enjoy karaoke anywhere, anytime
- 3.5mm & RCA Audio inputs/outputs for connection with external audio devices like TV, PC, CD and MP3 player
- Two 6.35mm connectors for wired microphone input
- Built-in 11.1V/10,000 mAh rechargeable Li-ion battery, suitable for indoor/outdoor use

### Application

- Outdoor performance, square dance, promotion, training

### Specification

|   |   |
|---|---|
| • Amplifier Type: Class-D                                       | • THD: ≤ 0.5%                                   |
| • Rated Power: 120W   | • UHF Range: 640MHz-690MHz                      |
| • Bass: 12", 38mm voice coil, 140mm magnet, 3Ω                  | • Wireless Mic Sensitivity: -80dBm              |
| • Mid: 6.5", 25mm voice coil, 80mm magnet, 3Ω                   | • Wireless Mic Frequency Response: 100Hz-10KHz  |
| • Treble: 25mm voice coil, 80mm magnet, 6Ω                      | • Wireless Mic Operating Range: 50m (open area) |
| • Frequency Response: 80Hz-15KHz                                | • Wireless Mic Battery Life: 10h                |
| • Built-in Battery: 11.1V/10,000mAh rechargeable li-ion battery | • Power Requirement: 100~240V AC, 50/60Hz       |
| • Operation Time: 6.5h  | • Operating Temperature: -10°C-45°C             |
| • Charging Time: 4.5h   | • Speaker Dimensions (L*W*H): 355*325*650mm     |
|   | • Net Weight: approx. 18kg                      |

## HM-700

### Features

- Cardioid vocal pick-up
- Overhead wear style

### Application

- Teaching, touring, reception, performance, used with voice amplifier or wireless microphone

### Specification

- |   |   |
|---|---|
| • Transducer Principle: Back Electret Condenser | • Output Impedance: 1000Ω±30% (at 1kHz) |
| • Directivity Characteristic: Cardioid          | • Max. Operating Voltage: 10V           |
| • Frequency Response: 50Hz-16kHz                | • Power Requirements: 1.5V              |
| • Sensitivity: -45dB±3dB (0dB=1V/Pa at 1kHz)    | • Net Weight: 40g                       |



## UHF-938 Upgraded Version

### Features

- UHF frequency band, PLL frequency synthesized technology ensures stable and reliable performance
- UHF 432.5-434MHz frequency band, preset two optional channels
- Low-power consumption design, 2pcs alkaline battery can work more than 20 hours
- One transmitter can work with multiple receivers within the operating range
- Dynamic expanding circuit for high S/N ratio
- Complex interference-free circuit enables 2 sets to use simultaneously within the operating range

### Application

- Tour guide, meeting, education

### Specification

- |   |   |
|---|---|
| • Carrier Frequency: 432.5-433.5/433-434MHz | • Transmitter/Receiver Power Supply: 2x1.5 AA Alkaline battery or 1.2V recharging battery |
| • Frequency Response: 50Hz-16KHz            |   |
| • Number of Channels: 2                     | • Transmitter Dimension: 98x61x25mm   |
| • Transmit Power: ≤10dBm                    | • Receiver Dimension: 98x61x25mm  |
| • Receiving Sensitivity: S/N:12dB 3uV       | • Transmitter Weight: 65g   |
| • S/N: ≥50dB                                | • Receiver Weight: 68g  |
| • Operating Range: 50m                      |   |







## WTG-600

### Features

- High-sensitivity mic with wide dynamics and proper pickup distance, plus quality ear-hook receiver for added ease of use
- Up to 200 meters use distance in open area thanks to improved long antenna
- Low-consumption & eco-friendly design, with receiver lasting up to 24hrs and transmitter up to 30hrs
- Supports two input modes switchable in one key press: AUX input, Mic input
- Supports single-transmitter or dual-transmitter system setup; two tour guides explaining in a team make for better interaction
- Laser pointer on transmitter for assistive communication during tours or presentations
- Large OLED display on transmitter with real-time status on battery, signal strength, operating channel, etc
- Care-free auto pairing and out-of-range voice alert features for receiver
- Receiver auto shuts down if without signal activity for 10 minutes, conserving energy
- One-key Sync: all receivers auto sync with transmitter frequency in one key press
- One-key Shutdown: all connected receivers auto power off via transmitter key command
- Stylish look, compact and portable design

### Application

- Tour guide, religious activity, simultaneous interpretation, reception, large conference, lecture, industrial area

### Specification

| Transmitter Specifications:                    | Receiver Specifications:                        |
|--|---|
| • Operating Frequency Band: 2.40GHz ~ 2.485GHz | • Operating Frequency Band: 2.40GHz ~ 2.485GHz  |
| • Number of Channels: 99                       | • Number of Channels: 99                        |
| • Working Time: about 30 hours                 | • Working Time: about 24 hours                  |
| • Distortion: <0.2%                            | • S/N Ratio: ≥90dB                              |
| • Use Distance: ≤200m, open area               | • Charging Time: about 2 hours                  |
| • Weight: about 110g                           | • Battery: built-in 380mAh Li-Po battery        |
| • Battery: built-in 3000mAh Li-Po battery      | • Receiver Size: 23mm*65mm*13.5mm               |
| • Transmitter Size: 52mm*110mm*20mm            | • Working Voltage: DC 3.7V                      |
| • Working Voltage: DC 3.7V                     | • Frequency Response: 50 ~ 18KHz                |
| • Frequency Response: 50 ~ 18KHz               | • Use Distance: ≤200m, open area                |
| • S/N Ratio: ≥90dB                             | • Weight: about 22g                             |
| • Charging Time: about 5 hours                 | • Input: DC5V=500mA                             |
| • Transmit Power: ≤20dBm                       | Charging Case Specifications:                   |
| • Input: DC5V=500mA                            | • Voltage: input 110~240V, 50~60hz; output 5V   |
|  | • Number of Slots: 40 receivers, 2 transmitters |
|  | • Size: 255mm*410mm*165mm                       |

## WTG-700A

### Features

- Widely-applicable digital wireless solution with crystal clear audio and strong anti-interference capability.
- Multiple channel adjustable, stable wireless transmission up to 150m.
- Synchronize unlimited number of receivers to one transmitter for simultaneous use.
- Switch among 8 languages, suitable for guiding tourists from all over the world.
- On-board storage on receiver allows easy storage and playback of many audio tracks.
- Automatically triggered audio guide system, easy to use, compact and lightweight.
- Built-in 300mAh lithium-ion battery, ultra-low power consumption, delivering over 10hrs of use.
- Optional charging case to help you store and charge multiple receivers simultaneously.
- Tailored for factory visits, large scenic spots, tourist buses, large museums and similar venues.

### Application

- Factory visits, large scenic spots, tourist buses, and large venues

### Specification

| Wireless Earhook Receiver                          | Trigger Beacon                       |
|--|--------------------------------------|
| • Operating Current: 30mA                          | • Transmit Power: 10dBm (max)        |
| • Frequency Response: 20Hz-3.4KHz                  | • Operating Current: 0.2mA           |
| • Distortion: <1%                                  | • Battery Capacity: two AA batteries |
| • S/N Ratio: 70dB                                  | • Dimensions: 83x58x34mm             |
| • Output/Input Interface: built-in speaker         | • Weight: about 68g                  |
| • Output Level: 50mW/16Ω                           | • Other Indicator: digital tube      |
| • Battery Capacity: 300mAh                         | • Transmit Angle: 360°               |
| • Charging Current: 260mA                          | • Weight: about 68g                  |
| • Dimensions: 62x22.5x11.3mm                       | System Specifications                |
| • Weight: about 18g                                | • Operating Frequency: UHF           |
| • Charging Indicator: red LED indicator            | • Number of Channels: 9CH            |
| • Other Indicator: LED indicator                   | • Channel Interval: 1MHz             |
| • Internal Storage: 512MB                          | • Effective Distance: 1-150m         |
| • Battery Life: over 10 hours on full charge       |                                      |
| • Charging Method: USB charging / contact charging |                                      |



# CONFERENCE

>>>>>





## DG-U100

### Features

#### Control Unit

- Connects up to 83 mic units within signal coverage, allowing simultaneous speech from 1~4 persons
- Real-time tracking of speakers by connecting to cameras; controls up to 7 cameras at the same time
- Supports multiple PTZ camera control protocols such as Sony Visca, Pelco-P and Pelco-D
- Smart LAN control software for managing all units in one integrated interface, easy to deploy
- Infrared sync for greater ease on setting up conference
- Built-in 15-band EQ for each channel, adjustable as required
- Remote gain control on discussion units, catering to different speaker requirements
- SUBG band data scheduling technology, wireless digital audio/control signal processing, farther transmission and better anti-interference
- Intelligent power management lowers battery consumption by auto shutdown of discussion units when central unit is powered off
- Remote frequency changer allows synchronizing frequency changes remotely between central unit and discussion units
- Supports two discussion modes: FIFO (First-in-First-out) or No-Delegate mode
- XLR/TRS/TRS-Isolated outputs for connection with various audio equipment
- 2U rack unit size installs into a standard 19" rack mount

#### Discussion Units

- 12864 pixel matrix screen, with clear and intuitive indication of device status
- Discussion unit priority is set freely via IR Sync; no more physical distinction among chairman/guest/delegate units
- Condenser capsule offers high fidelity, long pickup distance, high sensitivity, low distortion and clear sound
- Chairman units are prioritized, unrestricted and able to interrupt speech of delegate units
- Guest units can speak independently, uninterrupted by chairman units or FIFO rules
- Delegate units are controlled by chairman units for conference management
- Delegate units display the speaking duration which serves as reference for speech speed adjustment
- Built-in antennas, elegant in looks, also provide strong stability and anti-interference
- Adjustable gain for each discussion unit, configurable on control unit, adaptable to various speakers

### Application

- Suitable for meetings, classrooms, multi-function halls

### Specification

|   |   |
|---|---|
| Control Unit (CU) Parameters  | • Camera Control Mode: RS-485, 9600 baud                  |
| • Power Supply: DC 12V/1A   | • Power Consumption: 6W                                   |
| • Frequency: call frequency: 640-692MHz, scheduling frequency: 315-316MHz | • Product Dimensions: 430*100*220mm                       |
| • Receiving Sensitivity: -105dBm  | • Net Weight: 3.5Kg                                       |
| • S/N Ratio: > 80dB   | Discussion Unit Parameters                                |
| • T.H.D: < 0.5%dB @ 1KHz  | • Power Supply: DC 3V, AA 1.5V * 2                        |
| • Effective Range: 70m (in open area)                                     | • Transmit Power (antenna port): ≥ 10mW                   |
| • Number of Discussion Channels: 4 X 83                                   | • Mic Capsule: condenser, unidirectional                  |
| • Network Communication Protocol: UDP                                     | • Continuous Use Time: 8hrs (subject to battery capacity) |



**DG-C200T1**  
Chairman Unit



**DG-C200T2**  
Delegate Unit



**DG-C200R**  
(Host Unit)

## DG-C200

### Features

- 2.4G ADFHSS technology features high confidentiality and strong anti-interference ability, long operating range up to 50m
- The conference system consists of host unit, chairman unit and delegate units up to 254 sets
- Enables 4 transmitters to speak simultaneously without mutual interference
- Optional free or request speech mode of delegate units controlled by the chairman unit
- Intelligent power management system features battery power saving (All units turn off automatically when the host unit is turned off)
- Built-in high performance frequency shifter effectively reduce howling and enhance the sound pick up effect
- All units adopt LCD display indicating the working status and battery level
- Host unit features balanced and unbalanced audio output for convenient connection with audio equipments

### Application

- Senior Conference Application

### Specification

- |   |                                      |
|---|--------------------------------------|
| • Carrier Frequency: 2.4G(2400-2483MHz) digital FHSS technology | • Host Unit Power Supply: DC-12V/1A  |
| • Operating Range: 50m  | • Frequency Response: 70Hz-15kHz     |
| • Chairman/Delegate Units Power Supply: 2pcs AA batteries       | • Host Unit Dimensions: 210x190x53mm |
| • Battery Play Time: ≥8hrs                                      | • Host Unit Weight: 1185g            |







MS-580W



MS-580W1

## MS-580W/MS-580W1

### Features

- Built-in sound card, driver-free, plug-and-play, compatible with macOS and Windows 7 and above
- Dual-section gooseneck, 360° pickup angle
- Uni-directional capsule with long pickup distance
- Built-in background noise cancellation function for clear pickup
- On-board volume knob to adjust volume level on the fly
- One-key mute switch to easily enable/disable mic at any time
- Wireless gooseneck mic with USB receiver for online classes, screen recording, live broadcast, and game talks
- Smooth teleconferencing via mainstream instant messengers such as WeChat, QQ, YY, and QQ Talk
- Anti-slip bottom pad also reduces the impact of desktop vibration

### Application

- Conferences, video calls, game talks, screen recording, live broadcast

### Specification

|  |  |
|--|--|
| System Parameters:   | • Mic Sensitivity: $-42 \pm 2\text{dB}$ RL=0.68K $\Omega$ Vs=1.5V( 1KHz 0dB=1V/Pa) |
| • Mic Polar Pattern: unidirectional  | • Working Frequency: 15 frequency points   |
| • Mic Sensitivity: $-42 \pm 2\text{dB}$ RL=0.68K $\Omega$ Vs=1.5V (1KHz 0dB=1V/Pa) | • Mic Volume Control: potentiometer  |
| • Mic Frequency Response: 20Hz -16kHz  | • Headphone Output Power: MIC input 30mV;  |
| • Headphone Output Power: MIC input 30mV;  | headphone output $\geq 480\text{mW}$ (at 32 $\Omega$ load)                         |
| headphone output $\geq 480\text{mW}$ (at 32 $\Omega$ load)                         | • Headphone Output Frequency Response: 150Hz-18kHz                                 |
| • Headphone Output THD: $\leq 0.5\%$ (at 1KHz/0dBFS)                               | • Weight: about 225g   |
| • Headphone Output Noise Floor: $\leq -85\text{dBV}$ (A-wt.)                       | • Dimensions ( $\pm 2\text{mm}$ ): 117.91*107.02*35.13mm                           |
| • Working Current: 600mA DC: 5V  | Receiver:  |
| • Material: iron casing, aluminum panel  | • Working Voltage: USB 5V  |
| • Weight: 225g   | • Maximum Current: $\leq 140\text{mA}$ (5V)  |
| Transmitter:   | • Modulation Method: FM modulation   |
| • Working Current: DC 3V-4.2   | • CHA Frequency Range: A channel: 550-567MHz (UHF);                                |
| • Maximum Current: $\leq 90\text{mA}$ (3.7V)                                       | B channel: 570-590MHz (UHF)  |
| • Battery Type: Li-polymer 1200mA (803440)   | • Transmission Distance: $>30\text{m}$ (line of sight)                             |
| • Battery Life: about 10 hours   | • Receiving Sensitivity: 90dbm $\pm$ 2dB   |
| • Charging Current: 600mA  | • USB Protocol: USB full speed 2.0 USB Audio                                       |
| • Charging Interface: Type-C 5V charging (fast charging not supported)             | • Working Frequency: 15 frequency points   |
| • Modulation Method: FM modulation   | • USB Audio Output: 60Hz-16kHz   |
| • CHA Frequency Range: A channel: 550-567MHz (UHF);                                | • Weight: 11.5g  |
| B channel: 570-590MHz (UHF)  | • Dimensions ( $\pm 2\text{mm}$ ): 77*24*9mm                                       |
| • Transmission Distance: $>30\text{m}$ (line of sight)                             |  |
| • Chip Transmit Power: 16db $\pm$ 2dB  |  |

## MS-168W

### Features

- VHF 220MHz-270MHz frequency band
- Multi-level narrow-band with filter to fully clear up interference of hash
- Low-voltage power supply design for economic operation
- Pure quartz circuit for more stable frequency
- Wide dynamic range
- Effective feedback reduction
- Fit into wired and wireless application
- Ultra high directivity
- Elegant shape, easy installation and simple operation

### Application

- Public address, conference system, church, broadcasting

### Specification

|   |  |
|---|--|
| • Directivity Characteristic: Cardioid        | • Transmit Power: $\leq 10\text{mW}$             |
| • Frequency Response: 100Hz-12kHz             | • Receiver Power Supply: DC 9V/300mA             |
| • Squelch Control: Noise Lock                 | • Transmitter Power Supply: 2pcs 1.5V AA Battery |
| • Carrier Frequency: 220MHz-270MHz            | • Operating Range: 50m in open area              |
| • Frequency Deviation: $\pm 18\text{kHz}$     | • Transmitter Dimensions: 153x98x36mm            |
| • Frequency Steadiness: $\pm 0.005\%$         | • Receiver Dimensions: 155x140x44mm              |
| • S/N Ratio: $>80\text{dB}$                   | • Transmitter Weight: 635g                       |
| • Total Harmonic Distortion: $<1\%$ (at 1kHz) | • Receiver Weight: 189g                          |



## MS-208W

### Features

- VHF frequency band and selected frequencies for interference-free reception
- D-PLL RF frequency lock technology for accurate frequency and stable performance
- Professional audio companding technique for reducing the noise and increasing the dynamic range
- Advanced pilot signal lock function can better avoid interference
- Long operating range up to 50m in open area
- Transmitter is powered by 2pcs 1.5V batteries for long play time and easy replacement
- Low power warning function on the transmitter reminds the user to replace the battery timely
- Transmitter is designed with XLR socket which can be used as an independent wired conference microphone and can be powered by external 48V phantom power
- 6.35mm unbalanced output for convenient connection with various audio equipment
- Receiver adopts USB power interface which can be conveniently powered by various devices with USB function directly

### Application

- Conference

### Specification

|   |   |
|---|---|
| • Frequency Range: 220MHz-270MHz(fixed)   | • Total Harmonic Distortion: $<1\%$ (1KHz)                  |
| • Modulation Mode: FM                     | • Operating Range: 50m in open area                         |
| • Number of Channels: Single channel      | • Transmitter Power Supply: 3V (2pcs AA battery)            |
| • Frequency Steadiness: $\pm 0.005\%$     | • Battery Playtime: Approx.10hrs (depending on the battery) |
| • Sensitivity: $-80\text{dBm}$            | • Receiver Power Supply: DC5V/500mA (USB)                   |
| • Transmit Power: $<10\text{mW}$          | • Output Type: Unbalanced mixed output                      |
| • Frequency Deviation: $\pm 45\text{kHz}$ | • Receiver Dimensions: 160x92x33mm                          |
| • Frequency Response: 60Hz-15kHz          | • Transmitter Weight: 410g                                  |
| • S/N Ratio: $>85\text{dB}$ (A+)          | • Receiver Weight: 300g                                     |





## DG-S200

### Features

#### Control Unit:

- Connect up to 128 mic units on one control unit, expandable to 4096 mic units in one system via additional extension control units
- 8-pin aviation male connector, daisy chain connection, plus discrete gain selector on mic units
- Max active mic limit (1/2/3/4/5/6), voting, speech permission and other data manage functions
- Up to 30 configurable VIP units which can speak freely in any meeting mode as long as total active mic is less than 20
- Five meeting modes supported: FIFO (First-in-First-Out), Normal, Voice Activated, Free, Request
- In-built DSP (Digital Signal Processor) for low cut, frequency shift and EQ functions
- Meeting recording function, automatically or manually controlled
- Unit testing function, test automatically or manually
- Speak duration and speak ending notice. Speak duration can be set to limit speak time or be turned off
- Camera tracking system integrated on control unit, with 6 HDMI HD and 6 BNC SD video inputs, with auto tracking function
- One RS232 serial port for seamless connection with central control system; one RS422 serial port for central control of 6 connected cameras
- 8-pin DIN aviation female connectors: one for interpreter unit, one for extension control unit, three for mic units
- RCA sockets: two auxiliary audio inputs for connecting media playback devices; two auxiliary audio outputs for connecting pro amps, two alarm audio inputs for connecting alarm signal from fire center
- XLR socket: for auxiliary audio output, in parallel with two auxiliary RCA audio outputs (LINE OUT), for connecting pro amps
- With +5V alarm trigger voltage input, for emergency alarm audio insertion through alarm audio input
- RJ45 port supports TCP/IP network protocol for network system control via PC software
- Full-metal housing with enhanced wire and case grounding and anti-static capability at contact & air discharge level 4~8kV

#### Chairman/Delegate Unit:

- Conference discussion unit with voting functions
- Sound collection tube for long pickup distance at 20-80cm
- Precise cardioid pattern effectively reduces picking up surrounding noise
- Adjustable gain, flexible and adaptive to different occasions
- Max elevation angle of 50°; locking mechanism at the base joint for precise and secure angle adjustment
- Volume-adjustable 3.5mm interface for connecting monitoring headphones
- Power switch and 5 voting buttons (Start/Agree/Abstain/Veto/Stop), plus check-in function
- Chairman unit can obtain Priority, enter Podium Mode, or grant speak requests by delegate units (configurable on control unit)
- Clear LCD display, red ring status LED, intuitive status overview
- Passive, powered by system control unit at output voltage of 24V

### Application

- Conference rooms for enterprises, institutions, government agencies

### Specification

| Control Unit                             | Microphone Unit                               |
|--|---|
| • AUX Input Voltage: 250(±20) mV         | • Sensitivity: -38dB/Pa                       |
| • Alarm Input Voltage: 250(±20) mV       | • Frequency Response: 50Hz-12kHz(±3dB)        |
| • Max Input Voltage: 4(±0.2) mV          | • THD + Noise: <1%                            |
| • AUX Output Voltage: 1(±0.1) mV         | • Headphone Output: 35mW, 32Ω, 3.5mm          |
| • BALANCE OUT Voltage: 10(±5) mV         | • Operating Voltage: DC 24V from control unit |
| • Frequency Response: 40Hz-20kHz(±3dB)   | • Static Power Consumption: < 1W              |
| • THD + Noise: <1%                       | • Max Power Consumption: 2W                   |
| • Operating Voltage: 100-240V AC 50/60Hz |   |
| • Static Power Consumption: < 15W        |   |
| • Max Power Consumption: 350W            |   |



MS-T5



MS-T2

MS-T5/MS-T2

Features

- Designed with five professional microphones and stand together
- Line array design of microphones to effectively promote picking up range
- Flexible redundant microphone configuration to prevent from accident situation
- Front address cartridge of small diaphragm, wide frequency response, powerful bass, clear treble
- -10dB attenuation of microphone to improve feedback problem and boost peak SPL
- 100Hz HPF of microphone to effectively reduce ambient noise
- RF interference shield technology to prevent from RF interference, e.g. cell phone signal interference

Application

- News release conference, broadcast recording, large report, conference, etc

Specification

|   |   |
|---|---|
| • Type: gold plated diaphragm condenser cartridge | • Equivalent Noise Level: ≤22dB A (IEC 581-5) |
| • Polar Pattern: cardioid                         | • Peak SPL: 130dB (THD ≤ 1.0% at 1kHz)        |
| • Frequency Response: 30Hz-20kHz                  | 140dB (with 10dB pad)                         |
| • Sensitivity: -35dB±2dB (0dB=1V/Pa at 1kHz)      | • LF Attenuation: 100Hz 10dB/Oct              |
| • Output Impedance: 200Ω±30% (at 1kHz)            | • Power Supply: 48V phantom power             |
| • Load Impedance: ≥1000Ω                          | • Dimension: Ø22 x 145mm                      |

MS300

Features

- Capacitive touch switch, responsive without impact noise
- Sound collection tube for farther pickup distance at 20-80cm
- Three-step gain control for higher SPL handling and more flexible application
- Three-step low-cut function (0/80/150Hz) for lower LF environmental noise in conference room
- Supercardioid polar pattern effectively reduces pickup of environmental noise
- RFI shielding technology effectively eliminates noise from electromagnetic or phone interference
- Intuitive LED indicates device status clearly
- Secured by aeronautical connector for more reliable electrical performance and easier maintenance

Application

- Suitable for conference, broadcast, etc

Specification

|  |  |
|--|--|
| • Capsule: back electret                             | • Output Impedance: 200Ω±30% (at 1kHz) |
| • Polar Pattern: supercardioid                       | • Load Impedance: ≥ 1000Ω              |
| • Frequency Response: 30Hz-18kHz                     | • Power Requirement: 48V phantom power |
| • Sensitivity: -28dB/-18/-38±3dB (0dB=1V/Pa at 1kHz) |  |







## MS700

### Features

- Microphone line array technology, independent pickup channels and ranges
- No microphone rod design, good visual effects, easy to communicate without obstruction
- A wide range of sound pickup, no need to pay attention to the position of the microphone, speech in a larger space
- Controllable sensitivity of the pickup range to effectively improve the sound transmission gain of the system
- 20CM-80CM operation distance, freely adjusted microphone placement angle
- Adjustable gain switch to quickly set the system according to on-site sound reinforcement conditions
- Built-in low frequency cut function, clear voice
- Desktop streamlined appearance design, stylish, elegant, solemn

### Application

- Conference rooms

### Specification

- Sensitivity:  $-12.5\text{dB} \pm 3\text{dB}$  @1V/Pa (turn the gain switch to the "0" position)
- S/N Ratio: 80dB
- Directivity: super-cardioid
- Power Supply: 48V phantom power (need to meet the load capacity requirement of 48V@5mA)



## MS800

### Features

- Sound collecting tube, 20-80 cm of pickup range, long-distance pickup
- Cardioid pickup pattern to effectively reduce ambient noise
- Three levels of adjustable gain flexibly configured according to the on-site situation
- Square shape design, housing composed of zinc alloy and aluminum alloy, high-grade appearance
- Maximum elevation angle of 50°, locking design added to the base joint, angle adjustment accurate and effective for a long time
- 48V phantom power, XLR connector for connecting to mixers, phantom power, etc.
- Radio frequency interference (RFI) shielding technology to eliminate the noise caused by electromagnetic interference or cell phone interference

### Application

- Conferencing, broadcasting

### Specification

- |                                   |  |
|-----------------------------------|--|
| • Type: Back electret condenser   | • Sensitivity: $-37\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz) |
| • Polar Pattern: Unidirectional   | • Output Impedance: $100\Omega \pm 30\%$ (at 1kHz)               |
| • Frequency Response: 100Hz-16kHz |  |

MS-L1

Features

- A professional microphone used for conference, speech, ceremony and large concerts
- Supercardioid pattern effectively filters out side noise for clear vocal
- Utilizes line preamplifier for wider application
- Precision circuit coupled with advanced audio tech for extremely low self-noise
- 120° rotatable mic direction and adjustable height
- Wide, flat frequency response; handles long/short pickup distance with ease
- High-density windscreen effectively prevents wind noise or plosives or dust
- All Aluminum alloy construction, double premium
- Ease of positioning with ergonomic tension knob and clutch
- Solid, stable metal base
- Extra-long, pull-resistant cable that transmits audio without loss

Application

- Conference, speech, broadcast, chorus

Specification

|                                       |  |
|---------------------------------------|--|
| • Transducer: electret condenser      | • Mic Weight: 10.13kg  |
| • Frequency Response(Hz): 30Hz-16kHz  | • Mic Cable Length/Specs: 20m two-conductor XLR Female         |
| • Polar Pattern: supercardioid        | + Male   |
| • Output Impedance (Ω): 75Ω           | • Output: balanced output                                      |
| • Sensitivity: -43dB± 2dB             | • Base Dimensions (mm): cone shape, Diameter 240, Height 60    |
| • Power Supply (V): 40V phantom power | • Interference Resistance: cell phones, electromagnetics, high |
| • Adjustable Height: 0.1~1.65m        | frequencies  |



MS-L2

Features

- A professional microphone used for conference, speech, ceremony and large concerts
- Dual output for more stable audio with higher fidelity
- Supercardioid pattern effectively filters out side noise for clear vocal
- Dual capsule with superb pickup distance, leaving out zero detail
- Utilizes line preamplifier for wider application
- Precision circuit coupled with advanced audio tech for extremely low self-noise
- 120° rotatable mic direction for more fitting pickup angle
- Wide, flat frequency response; handles long/short pickup distance with ease
- High-density windscreen effectively prevents wind noise or plosives or dust
- All Aluminum alloy construction, double premium
- Ease of positioning with ergonomic tension knob and clutch
- Solid, stable metal base
- Extra-long, pull-resistant cable that transmits audio without loss

Application

- Conference, speech, broadcast, chorus

Specification

|  |   |
|--|---|
| • Transducer: electret condenser (dual output) | • Mic Cable Length/Specs: 20m two-conductor XLR           |
| • Frequency Response(Hz): 30Hz-16kHz           | Female + Male   |
| • Polar Pattern: supercardioid                 | • Base Dimensions (mm): cone shape, Diameter 240,         |
| • Output Impedance (Ω): 75Ω bal, 200Ω unbal    | Height 60   |
| • Sensitivity: -43dB± 2dB                      | • Interference Resistance: cell phones, electromagnetics, |
| • Power Supply (V): 40V phantom power          | high frequencies  |
| • Adjustable Height: 0.1~1.65m                 |   |
| • Mic Weight: 11kg                             |   |





## MS-118

### Features

- Back electret condenser unit
- High sensitivity and low self noise
- Detachable gooseneck microphone with LED ring

### Application

- Public address, conference system, church, broadcasting

### Specification

- |   |  |
|---|--|
| • Transducer Principle: Back Electret Condenser | • Output Impedance: 200Ω±30% (at 1kHz)     |
| • Directivity Characteristic: Cardioid          | • Power Requirements: 2pcs 1.5V AA Battery |
| • Frequency Response: 50Hz-16kHz                | • Net Weight: 632g                         |
| • Sensitivity: -38dB±3dB (0dB=1V/Pa at 1kHz)    |  |



## MS-189

### Features

- Back electret condenser transducer
- High sensitivity and low noise
- Clear and bright vocal pick-up
- On/off button with LED indicator on base and gooseneck
- Optional use of phantom power or batteries
- Excellent quality, easy control and low power consumption

### Application

- Public address, conference system, church, broadcasting

### Specification

- |   |  |
|---|--|
| • Transducer Principle: Back electret condenser | • Load Impedance: ≥1000Ω   |
| • Directivity Characteristic: Hyper-cardioid    | • Power Requirement: 9-52V phantom power or 2pcs 1.5V AA battery |
| • Frequency Response: 40Hz-16kHz                | • Net Weight: 500g   |
| • Sensitivity: -38dB±3dB (0dB=1V/Pa at 1kHz)    |  |
| • Output Impedance: 200Ω±30% (at 1kHz)          |  |



## MS200-2

### Features

- Excellent rejection of unwanted signals
- Screw joint between gooseneck and base ensures low handling noise
- Rugged metal housing
- On/off switch at base with LED indicator
- Powered by AA batteries or phantom power supply-automatic switching

### Application

- Church, conferences, public address

### Specification

- |   |  |
|---|--|
| • Transducer Principle: Back Electret Condenser | • Output Impedance: 100Ω±30% (at 1kHz)                               |
| • Directivity Characteristic: Cardioid          | • Power Requirements: 9-52V DC Phantom Power or 2pcs 1.5V AA Battery |
| • Frequency Response: 100Hz-16kHz               | • Net Weight: 1100g  |
| • Sensitivity: -37dB±3dB (0dB=1V/Pa at 1kHz)    |  |

## MS400-1

### Features

- Capsense touching switch design eliminates the mechanical noise of traditional switch
- Long pickup distance and distinct sound quality
- Low frequency attenuation design for reducing ambient low frequency noise
- Cardioid directivity characteristic can effectively reduce feedback and howling
- RFI shielding technology features excellent anti-interference capability such as mobile phone signal
- On/off LED indicator
- Gooseneck microphone and base is connected via reliable aero connector

### Application

- Conference, broadcasting

### Specification

- |  |   |
|--|---|
| • Transducer Principle: Electret Condenser                         | • Low Frequency Attenuation: 100Hz 8dB / octave |
| • Directivity Characteristic: Cardioid $\leq -16$ dB (0-180)       | • Output Impedance: $100\Omega \pm 30\%$        |
| • Frequency Response: 50Hz-16KHz                                   | • Power Requirement: 12-52V phantom power       |
| • Sensitivity: $-30\text{dB} \pm 3\text{dB}$ (0dB = 1V/Pa at 1KHz) | • Net Weight: 680g                              |



## MS-550

### Features

- Small size, plug and play, easy to use
- Non-slip base design
- Adopts classy black ABS material of ontology, strong wear resistance
- Have the mute switch function
- Mic capsule uses the independent research and development technology, pickup distance, realistic sound reduction
- Use copper wire, stronger anti-interference ability

### Application

- Online voice chat window intercom, station, bank window intercom speech, assembly, meeting etc

### Specification

- |   |                                 |
|---|---------------------------------|
| • Single: back-electret   | • Operating Voltage: 1.5-4.5V   |
| • Directivity: Omnidirectional  | • The Signal Cable: 2m          |
| • Microphone Sensitivity: $-38\text{dB} \pm 3\text{dB}$ (0dB = 1V / Pa at 1kHz) | • Connecting Plug: 3.5mm stereo |
| • Frequency Response: 200Hz-10kHz   | • Net Weight: 172g              |
| • Output Impedance: $\leq 2.2\text{K}\Omega$                                    |                                 |



## MS-580

### Features

- Plug-and-play, compatible with devices having 3.5mm jack
- Dual-section gooseneck, 360° pickup angle
- Uni-directional capsule with long pickup distance
- Built-in background noise cancellation function for clear pickup
- One-key mute switch to easily enable/disable mic at any time
- Anti-slip bottom pad also reduces the impact of desktop vibration

### Application

- Conferences, video calls, game talks, screen recording, live broadcast

### Specification

- |  |                                     |
|--|-------------------------------------|
| • Mic Polar Pattern: Unidirectional  | • Mic SNR: More than 65dB           |
| • Sensitivity: $-39 \pm 2\text{dB}$ RL=0.68K $\Omega$ Vs=1.5V (1KHz 0dB=1V/Pa) | • Dimensions: 117.91*107.02*35.13mm |
| • Mic Frequency Response: 20Hz-16kHz   | • Weight: about 230g                |







## MS-580USB

### Features

- Built-in USB sound card chip to make the microphone compatible with systems like Windows, Mac OS and Kirin
- Driver-free design for plug and play
- Unidirectional capsule for long-distance pickup
- Accurate positioning for clear sound without noise
- Double gooseneck construction for flexible positioning to pick up sound from all directions
- 3.5 mm interface for more flexible configuration by connecting to a headphone for monitoring or a speaker for sound source output
- Volume adjustment knob to adjust the volume based on the venue
- Mute switch to turn on or off the sound signal at any time and easy to use
- Operating indicator to show the working state of the microphone clearly
- Non-slip rubber pad on the bottom to prevent the microphone from sliding and to reduce the impact of desktop vibration

### Application

- Conferences, video calls, game talks, screen recording, live broadcasting

### Specification

|                                   |   |
|-----------------------------------|---|
| • Power Supply: USB (DC 5V/100mA) | • Sensitivity: -9±3dB                           |
| • Data Transmission: USB 2.0      | • Max SPL: ≥110dB (at 1KHz, 1%THD)              |
| • Sample Rate: 48KHz              | • S/N Ratio: 62dB (A-weighted)                  |
| • Bit Rate: 16bit/24bit           | • Headphone Output Peak Power: ≥20mW (32Ω load) |
| • Frequency Response: 60Hz-18KHz  | • Headphone Output Distortion: ≤0.5%            |
| • Polar Pattern: Unidirectional   |   |



## CS-200

### Features

- Omni-directional speakerphone designed for remote conference/learning/training
- Full-duplex microphone & speaker combo, record and playback simultaneously
- 4 microphone arrays, 360° coverage, up to 5m vocal pickup range
- Automatic vocal location detects and focuses on the speaker
- Coupled with intelligent algorithm for automatic echo cancellation for clear sound
- Compatible with various audio/video communication software, connects via Wireless or USB mode
- Easy touch control prevents mechanical noise from conventional switch
- Portable, driverless, plug and play anytime, anywhere for remote office needs
- Powerful lithium-ion battery inside lasts for around 10hrs of use

### Application

- Video conference, distance education, remote training

### Specification

|   |   |
|---|---|
| • Speaker Output Power: 3W                          | • Wireless Range: 10m                       |
| • Speaker Frequency Response: 20Hz-20KHz            | • Duplex Audio: supported                   |
| • Number of Mic: 4 microphone arrays                | • Echo Cancellation: supported              |
| • Mic Polar Pattern: omni-directional (360° pickup) | • Mic Array Noise Cancellation: supported   |
| • Mic Frequency Response: 50Hz-16kHz                | • Vocal Location: supported                 |
| • Mic Sensitivity: -26dB                            | • Power Supply: 3.7V/2600mAh li-ion battery |
| • Mic Distortion: ≤1% at 1KHz                       | • Charging Spec: 5V/1A                      |
| • Connection: USB2.0/Wireless                       | • Charging Time: approx. 3hrs               |
| • Sample Rate: 96kHz                                | • Battery Life: approx. 10hrs               |
| • Bit Rate: 26bit                                   |   |

## BM-621USB

### Features

- Tailored for network live broadcast, network conference, network broadcast and vocal chat
- USB2.0 sound card chip suits for iOS, windows and Mac system, drive free, plug and play
- Built-in cardioid capsule features long pickup distance, accurate directivity and clear sound quality
- RFI shielding technology shields cell phone signal interference
- 150Hz low cut switch effectively reduce the pickup of ambient noise
- Anti-skidding rubber pads prevent the microphone from skidding and reduce the table vibration influence
- Touch mute switch avoids the mechanical noise of traditional switch
- Compact, portable and easy operation for mobile recording

### Application

- Network live broadcast, network conference, network broadcast, vocal chat

### Specification

|   |                                    |
|---|------------------------------------|
| • Capsule: $\Phi 12\text{mm}$ condenser capsule | • Bit Rate: 16bit                  |
| • Polar Pattern: cardioid                       | • Distortion: $\leq 1.5\%$ at 1KHz |
| • Frequency Response: 50Hz-16KHz                | • S/N Ratio: $\geq 65\text{dB}$    |
| • Sensitivity: $-5\text{dBFS} \pm 2\text{dBFS}$ | • Low Cut: 150Hz 6dB/Oct           |
| • Power Supply Mode: USB (DC 5V/500mA)          | • Dimension: 100 x 73 x 24mm       |
| • Data Transmission: USB cable                  | • Net Weight: 210g                 |
| • Sample Rate: 44.1/48kHz                       |                                    |



## BM-630USB

### Features

- Tailored for network conference, network broadcast, interview
- USB2.0 professional sound card chip, compatible with windows/iOS/Mac system without driver, plug and play
- Omnidirectional cartridge, more than 2m pickup range, 360 degree pickup, clearer sound
- Advanced RFI shield technology to prevent from cell phone signal interference
- 150Hz LF attenuation switch effectively reduce the pickup of ambient noise
- Anti-skidding pads prevent from microphone skidding or vibrating on desktop
- Touch mute switch eliminates mechanical noise of traditional switch
- Compact contour, convenient operation to start network conference or recording anytime anywhere

### Application

- Network conference, network broadcast, interview

### Specification

|   |                                    |
|---|------------------------------------|
| • Cartridge: $\Phi 16\text{mm}$ condenser cartridge | • Bit Rate: 16bit                  |
| • Polar Pattern: omnidirectional                    | • Distortion: $\leq 1.5\%$ at 1KHz |
| • Frequency Response: 50Hz-16kHz                    | • S/N Ratio: $\geq 62\text{dB}$    |
| • Sensitivity: $-22\text{ dBFS} \pm 3\text{dBFS}$   | • Low Cut: 150Hz 6dB/Oct           |
| • Power Supply: USB (DC 5V/500mA)                   | • Dimension: 100x98x22mm           |
| • Data Transmission: USB cable                      | • Net Weight: 205g                 |
| • Sample Rate: 44.1/48kHz                           |                                    |



## BM-630C

### Features

- Omni-directional polar pattern
- LED mute indicator and push on/off mute switch
- Optional bass filter to eliminate unwanted low frequency noises
- Unique design for surface-mount use
- Rugged housing equipped with rubber base for reducing shock noise

### Application

- Conference, church, broadcasting

### Specification

|  |  |
|--|--|
| • Transducer Principle: Back Electret Condenser                      | • Equivalent Noise Level: $\leq 26\text{dB A}$ (IEC 581-5) |
| • Directivity Characteristic: Omni-directional                       | • Bass Filter: 10dB/octave at 80Hz                         |
| • Frequency Response: 40Hz-16kHz                                     | • Power Requirement: 9-52V DC Phantom Power                |
| • Sensitivity: $-36.5\text{dB} \pm 2.5\text{dB}$ (0dB=1V/Pa at 1kHz) | • Dimension: 100x98x22mm                                   |
| • Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)                   | • Net Weight: 208g   |
| • Output Impedance: $100\Omega \pm 30\%$ (at 1kHz)                   |  |





## XR-210FX

### Features

- Advanced circuit design and high quality electronic components features low noise, low distortion, wide dynamic range and strong anti-interference ability
- 3-band EQ for high medium, and low frequency adjustment effectively improve the tone
- With signal overload (clip) indication, 80Hz low cut function
- Built-in +50dB low noise microphone preamplifier and 48V phantom power supply suits different kinds of microphone
- Stereo input channel with sensitivity adjustable (+4db, -10db) switch can match with different kinds of input sound source
- 60mm sliding potentiometer controls the main output volume efficiently and expediently
- With RCA CD input, recording output terminal, MAIN output and CTRL ROOM, PHONES monitoring output
- Built-in DSP effect with 100 kinds of effect choices meet various occasions and user requirements
- Built-in German USB chip sound card for free driver and convenient connection with computer (only need one USB cable)

### Application

- Internet Karaoke, Computer Recording, Audio Editing, Conference Room

### Specification

|  |  |
|--|--|
| • Microphone Inputs (XLR balanced input) | HIGH: 12KHz/±15dB                                |
| Impedance: 1.5KΩ balanced                | • Main output                                    |
| Gain Range: +10dB to +60dB               | Impedance: 120Ω unbalanced                       |
| Max. input Level: +12dBu @ +10dB gain    | Max. output level: +22dBu                        |
| S/N Ratio: 110dB (A weighted)            | Frequency response: 20Hz to 20KHz (±1dB)         |
| Total Harmonic Distortion: ≤0.005%       | • Crosstalk Attenuation                          |
| • Stereo Inputs                          | Main output sliding potentiometer off: 85dB      |
| Impedance: 10kΩ unbalanced               | • RCA Output Terminal                            |
| Gain Range: -10dB to +15dB               | Impedance: 1kΩ unbalanced                        |
| Max. input Level: +20dBu @ +10dB gain    | • DSP Effect                                     |
| S/N Ratio: 110dB (A weighted)            | DSP Resolution Ratio: 24bit                      |
| Total Harmonic Distortion: ≤0.005%       | A/D and D/A Conversion: 24bit sample rate 192KHz |
| • EQ Stereo Channels                     | • USB Sound Card Sample Rate                     |
| LOW: 80Hz/±15dB                          | 24 bit 48KHz sampling                            |
| MID: 2.5KHz/±15dB                        | • Compatible System: Window 2000/XP, Win 7       |

# WIRELESS MICROPHONE

>>>>>







## SC Series

### Features

- UHF broadband design, pre-programmed with 400 optional channels, usable simultaneously in multiple sets
- D-PLL RF frequency lock technology for accurate frequency and stable performance
- Dual-conversion receiving technology for strong anti-interference capability and transmission up to 50m
- Pro audio companding technology for low noise & tail sound and large dynamic range
- Intelligent microcomputer control enables 4 wireless microphones to work simultaneously
- MIC/LINE switching option adapts to different on-site requirements for sound reinforcement
- 4 independent XLR audio outputs and 1 Type-C output for convenient connection
- 6.3mm cascade output/input, configurable for multi-device cascaded output
- Monitor output with adjustable volume for different usage scenarios

### Application

- Conference, training, KTV, entertainment, outdoor performance.

### Specification

|   |   |
|---|---|
| Wireless Receiver   | SC-TL Wireless Bodypack Transmitter   |
| • Frequency Range: 470~960 MHz (segmented)                          | • Frequency Range: 470~960 MHz (segmented)  |
| • Modulation: broadband FM  | • Transmit Power: ≤10mW   |
| • Adjustable Range: 50MHz   | • Second Harmonic: ≥-40dBc  |
| • Number of Channels: 200   | • Frequency Stability: ±0.015%  |
| • Channel Spacing: 250KHz   | • Spurious Rejection: ≥50dB   |
| • Mute Control: pilot ID code                                       | • Power Supply: 2pcs AA batteries   |
| • Frequency Stability: ±0.015%                                      | • Interface Type: 3.5mm self-locking jack   |
| • Dynamic Range: ≥100dB A+  | • Battery Life: approx. 8 hours (subject to battery capacity)   |
| • Frequency Deviation: ±48KHz                                       | • Bodypack Transmitter Size (L*W*H): 79*32*15.5mm   |
| • Audio Response: 150Hz~12.5KHz                                     | • Bodypack Transmitter Weight: approx. 100g   |
| • Overall S/N Ratio: ≥100dB A+                                      | SC-TW Wireless Conference Microphone  |
| • Overall Distortion: ≤0.5% (at 1KHz)                               | • Frequency Range: 470~960 MHz (segmented)  |
| • Audio Output: discrete bal and combo 6.3mm & 3.5mm headphone jack | • Transmit Power: ≤10mW   |
| • Audio Max Output Level: 1.4V/RMS (at 1KHz THD=1%)                 | • Spurious Rejection: ≥50dB   |
| • Use Distance: 50m (open area)                                     | • Second Harmonic: ≥-40dBc  |
| • Antenna Connector: TNC (50 ohms impedance)                        | • Frequency Stability: ±0.015%  |
| • Sensitivity: -103±3dBm  | • Battery Capacity: 1000mAh 3.7Wh   |
| • Operating Temperature: -20°C~+50°C                                | • Pickup Distance: ≤50cm  |
| SC-TD Wireless Handheld Microphone                                  | • Battery Life: approx. 8 hours   |
| • Frequency Range: 470~960 MHz (segmented)                          | • Mic Size (L*W*H): 129*101*325mm   |
| • Transmitter Power Supply: 2pcs AA batteries                       | • Mic Weight: approx. 625g  |
| • Transmitter Power: ≤10mW  | • Charge Time: approx. 3hrs   |
| • Second Harmonic: ≥-40dBc  | • Charge Mode: 5V/12V wired, or 10W wireless  |
| • Frequency Stability: ±0.015%                                      | TW-C Wireless Charger   |
| • Battery Life: approx. 8 hours (subject to battery capacity)       | • Power Input: for charging two devices, supports mainstream adapters at 5V/2A, 5V/3A, 9V/2A or above; for charging one device, supports at least 5V/1A |
| • Handheld Mic Size (D*H): 53*270mm                                 | • Output Power: 5W or more  |
| • Handheld Mic Weight: approx. 350g                                 | • Sensing Distance: within 5mm  |



M-2R



(TD+TD)



(TD+TLH)



(TD+TLL)



(TLH+TLL)



(TLH+TLH)



(TLL+TLL)

## M-2R

### Features

- Tuner true diversity technology improves receiving capability
- VA LCD intuitive display
- Preset 8 groups, each group has 12 non-interference channels for convenient installation
- Automatic search function for non-interference channel
- SQ function changes sensitivity threshold to improve anti-interference capability
- XLR and 6.3 connector for convenient connection
- The receiver can be used with Takstar antenna system to improve receiving range and signal

### Application

- Show, wedding, school, church

### Specification

| Specification  |  |
|--|--|
| • Frequency Range: 470~960 MHz(frequency band)       | • Audio Output: XLR & 6.3mm connector                        |
| • Channel Quantity: two channels                     | • Receiver Dimension(LxWxH): 400 x 42 x 183mm                |
| • Frequency Band Quantity: 700                       | • Receiver Weight: approx. 1720g                             |
| • Frequency Width: 30MHz                             | Handheld Transmitter   |
| • Modulation: FM                                     | • Power Supply: two AA batteries                             |
| • Squelch Control: tone-key                          | • Transmission Power: ≤10mW                                  |
| • Frequency Deviation: ±48KHz                        | • Display: LCD displays channel and power supply information |
| • Frequency Response: 50~18000Hz                     | • Oscillation: PLL   |
| • Frequency Accuracy: ±15KHz                         | • Operation Time: more than 8h                               |
| • Dynamic Range: ≥95dB A+                            | • Dimension (D*H): 54*260mm                                  |
| • S/N Ratio: ≥100dB A+                               | • Weight: approx. 345g                                       |
| • Distortion: ≤1% (at 1KHz)                          | Bodypack Transmitter   |
| • Operation Range: 100M                              | • Channel Setting: SYNC automatic lock frequency             |
| Receiver   | • Display: LCD displays channel and power supply information |
| • Receiving: dual modulation auto diversity          | • Oscillation: PLL   |
| • Oscillation: PLL                                   | • Power Supply: two AA batteries                             |
| • Display: VALCD                                     | • Transmission Power: ≤10mW                                  |
| • Power Supply: DC 12V/1000mA                        | • Operation Time: more than 8h                               |
| • Antenna: BNC/50Ω, 10-12V/300mA (Max.)              | • Dimension (WxLxH): 66*97*25mm                              |
| • Receiving Sensitivity: ≤-85dBm (wired during test) | • Weight: approx. 86g  |



X3PP



X3HH

## X3PP/X3HH

### Features

- Designed with UHF wireless microphone dedicated frequency band, free from interference from other industrial frequencies
- 32 sets of channels for adjustment to avoid frequency interference, supporting simultaneous use of multiple sets of microphones
- Infrared matching to synchronize the channels of the transmitter and the receiver with just one click
- Long operating range up to 50m in open area, reliable performance
- USB Type-C interface on the receiver to connect a mobile power supply for outdoor use
- Two AA batteries to power up the transmitter for long time operation, easy to maintain and replace
- Independent output and combo out to connect a mixer or a Karaoke amplifier

### Application

- Teaching, training, speech, home entertainment, outdoor performance, etc.

### Specification

|  |  |
|--|--|
| System Specification                                     | • Audio Out: Independent bal XLR and unbal 6.3 combo |
| • Frequency Range: 470~960MHz<br>(frequency band design) | • Sensitivity: ≤-90 dBm (wiring test)                |
| • Modulation: FM   | • Audio Out Max Level: 1.2V/RMS (at 1KHz THD=1%)     |
| • Squelch Control: tone-key ID                           | • Dimension (LxWxH): 160X157X33mm                    |
| • Adjustable Range: 20MHz                                | • Weight: 475g                                       |
| • Frequency Band Qty: 64                                 | Handheld Microphone                                  |
| • Frequency Band Interval: 300KHz                        | • Output Power: ≤10mW                                |
| • Frequency Stability: ±0.015%                           | • Power Supply: two AA batteries                     |
| • Dynamic Range: ≥90dB A+                                | • Operation Time: ≥8h                                |
| • Modulation Deviation: ±48KHz                           | • Dimension (DxL): Φ50x236mm                         |
| • Frequency Response: 80Hz~18KHz                         | • Weight: 255g                                       |
| • S/N Ratio: ≥95dB A+                                    | Bodypack Transmitter                                 |
| • Distortion: ≤0.5% (at 1KHz)                            | • Output Power: ≤10mW                                |
| • Operation Temperature: -10°C~+40°C                     | • Power Supply: two AA batteries                     |
| • Operation Range: 50m (open area)                       | • Operation Time: ≥8h                                |
| Receiver   | • Dimension (LxWxH): 100x64x24.5mm                   |
| • Power Supply: DC 5V 0.5A                               | • Weight: 80g  |

## X4

### Features

- UHF wide frequency band design provides 800 selectable frequencies
- D-PLL RF frequency lock technique for accurate frequency and stable performance
- Double conversion receiving technology features strong signal receiving ability
- 10 groups of interference-free reception frequencies pre-setting for convenient setup of multiple systems at one venue
- Adopts professional audio companding technique for low noise and wide dynamic range
- Intelligent microcomputer control enables 4 wireless microphones to work simultaneously
- Designed with 4 independent audio outputs, 1 mixed output and 4 independent volume control for different application requirements
- Intuitive LCD display on both receiver and transmitters

### Application

- Meeting room, campus classroom, karaoke, home entertainment, outdoor activities

### Specification

|   |  |
|---|--|
| System Specifications                                 | • Antenna Connector: TNC/50Ω           |
| • Frequency Range: 540MHz-950MHz (frequency band)     | • Sensitivity: 12 dBμV (80dB/S/N)      |
| • Modulation: FM                                      | • Noise Rejection: -60dB               |
| • Adjustable Range: 40MHz                             | • Max Output Level: +10 dBV            |
| • Frequency Band: 800                                 | • Dimension: 430X195X50mm              |
| • Frequency Band Interval: 50kHz                      | • Weight: 2605g                        |
| • Frequency Stability: less than ±0.005%              | • Power Supply: DC/12V/1A              |
| • Dynamic Range: 100dB                                | Transmitter Specification              |
| • Max Deviation: ±48kHz                               | • Output Power: <10mW                  |
| • Frequency Response: 80Hz-15kHz (±3dB)               | • Power Supply: 2 AA batteries         |
| • S/N Ratio: >105dB A+                                | • Operation Time: >10h                 |
| • Distortion: ≤1.0%                                   | Transmitter Dimension                  |
| • Operation Temperature: 0~+40°C                      | • Bodypack Microphone: 112X65X23mm     |
| • Operation Range: effective range 50m (open area)    | • Handheld Microphone: 265Xφ45mm       |
| • Squelch Control: tone-key, noise lock               | • Conference Microphone: 135X105X510mm |
| • Output Way: independent and combo unbal output      | Transmitter Weight                     |
| Receiver Specifications                               | • Bodypack Microphone: 95g             |
| • Reception Mode: FM                                  | • Handheld Microphone: 330g            |
| • Intermediate Frequency: 1st: 184.2MHz, 2nd: 10.7MHz | • Conference Microphone: 445g          |



X4-TD

X4-TL

X4-TH

## X6

### Features

- UHF intelligent wireless audio transmission technology features stable and high interference-free performance
- Advanced frequency scan function features automatic and fast interference-free frequency selection
- Built-in digital frequency assignment system provides more than 100 sets system for engineering installation
- Infrared frequency synchronization technology, LC-display on receiver and transmitter for easy and convenient operation
- Transmitter is powered by 2pcs 1.5V batteries for easy replacement
- Balanced and unbalanced output on receiver for convenient connection with various equipments
- Long operating range up to 50 meters
- Transmitter housing are treated with alloy oxidation for high ruggedness and against corrosion

### Application

- Engineering installation, on-stage performance, home entertainment, speech

### Specification

|  |   |
|--|---|
| System Specification:                                      | • Sensitivity: 12dB $\mu$ V (80 dB S/N)         |
| • Frequency Range: 470~960MHz (frequency band design)      | • Sensitivity Adjustment Range: 12-32dB $\mu$ V |
| • Adjustable Range: 50MHz                                  | • Spurious Suppression: $\geq 75$ dB            |
| • Frequency Spacing: 250KHz                                | • Wireless Interface: TNC/50 $\Omega$           |
| • Number of Channels: 200                                  | • Max. Output Level: +10dBV                     |
| • Frequency Steadiness: $\leq \pm 0.005\%$                 | • Dimension: 430 $\times$ 215 $\times$ 45mm     |
| • Max. Frequency Deviation: $\pm 45$ KHz                   | • Weight: 2365g                                 |
| • S/N Ratio: > 105dB                                       | Transmitter Specification:                      |
| • Operating Temperature: -10 $^{\circ}$ C~+40 $^{\circ}$ C | • Output Power: <10mW                           |
| • Dynamic Range: 100dB                                     | • Power Supply: 2pcs AA battery                 |
| • Audio Response: 80Hz ~ 18KHz ( $\pm 3$ dB)               | • Spurious Suppression: -60dB                   |
| • THD: $\leq 0.5\%$  | • Playtime: >10hrs                              |
| Receiver Specification:                                    | • Dimension: 265 $\times$ 50 $\times$ 40 mm     |
| • Reception Mode: Double conversion superheterodyne        | • Weight: 350g                                  |
| • Intermediate Frequency: First: 110MHz, Second: 10.7MHz   |   |



## TS-7220HH

### Features

- UHF frequency band features interference-free reception
- Long operating range up to 50 meters in open area
- Transmitter features excellent audio companding circuit and high quality cardioid capsule for best sound quality and maximum feedback rejection
- Powered by 2pcs of 1.5V batteries for convenient use
- Advanced pilot frequency lock function can better avoid interference and eliminate the on/off impulsive noise
- Balanced (XLR) and unbalanced (6.3mm) output for convenient connection with various audio equipment
- Receiver adopts quartz frequency multiplication fixed frequencies for simple and convenient use

### Application

- Campus meeting, entertainment host, speech, Karaoke

### Specification

|   |   |
|---|---|
| System Specifications                             | • Intermediate Frequency: 10.7MHz       |
| • Frequency Range: 450MHz-950MHz (frequency band) | • Antenna Connector: TNC                |
| • Modulation: FM                                  | • Sensitivity: -90dBm                   |
| • Adjustable Range: PLL/quartz oct                | • Dimension: 200X150X50mm               |
| • Frequency Band: fixed frequency                 | • Weight: 340g                          |
| • Frequency Stability: $\pm 0.005\%$              | • Output Way: independent bal/unbal     |
| • Dynamic Range: > 100dB                          | • Power Supply: DC/12V/0.5A             |
| • Max Deviation: $\pm 45$ kHz                     | Transmitter Specification               |
| • Frequency Response: 60Hz-15kHz                  | • Output Power: <10mW                   |
| • S/N Ratio: > 80dB                               | • Power Supply: 3V                      |
| • Distortion: < 0.5%                              | • Operation Time: 10h                   |
| • Operation Temperature: 0~+40 $^{\circ}$ C       | • Transmitter Dimension                 |
| • Operation Range: open area 50m                  | • Handheld Microphone: 260X $\phi$ 50mm |
| Receiver Specifications                           | • Transmitter Weight                    |
| • Reception Mode: FM                              | • Handheld Microphone: 275g             |







## TS-7210H

### Features

- UHF wireless frequency band, twice frequency conversion and dual antenna receiving technology guarantee interference-free reception
- Transmitter features battery power indication
- Transmitter adopts professional audio companding chip for excellent transient response and wide dynamic range
- Receiver adopts quartz frequency multiplication, data pilot frequency, noise lock technology, which effectively prevent RF interference, on/off switch impulsive noise and improve the SNR
- Transmitter is powered by 2pcs AA battery for convenient use
- Balanced (XLR) and unbalanced (6.3mm) output for convenient connection with various audio equipment

### Application

- Campus meeting, entertainment host, speech, Karaoke

### Specification

|   |   |
|---|---|
| System Specifications                                   | • Intermediate Frequency: 10.7MHz       |
| • Frequency Range: 450MHz-950MHz                        | • Antenna Connector: TNC                |
| • Modulation: FM  | • Sensitivity: -90dBm                   |
| • Adjustable Range: PLL/Quartz frequency multiplication | • Dimension: 200X150X50mm               |
| • Frequency Band: fixed frequency                       | • Output Way: independent bal/unbal     |
| • Frequency Stability: $\pm 0.005\%$                    | • Power Supply: DC/12V/0.5A             |
| • Dynamic Range: >100dB                                 | Transmitter Specification               |
| • Max Deviation: $\pm 45\text{kHz}$                     | • Output Power: <10mW                   |
| • Frequency Response: 60Hz-15kHz                        | • Power Supply: 3V (2pcs 1.5V battery)  |
| • S/N Ratio: >80dB                                      | • Operation Time: approx. 10hrs         |
| • Distortion: <1%                                       | Transmitter Dimension                   |
| • Operation Temperature: -20°C-60°C                     | • Handheld Microphone: 260X $\phi$ 50mm |
| • Operation Range: 50m in open area                     | Transmitter Weight                      |
| Receiver Specifications                                 | • Handheld Microphone: 275g             |
| • Reception Mode: FM                                    |   |

## TS-8807HH

### Features

- Dual channel UHF wireless microphone system designed for the various professional and semi-professional applications
- Digital PLL circuit guarantees a reliable sound synthesis and at more than 200 optional frequency settings provide the freedom to set up multiple systems at one venue
- Microphone synchronization via infrared data transmission
- Adjustable transmitter power makes it suitable for various applications like on-stage performances, universities as well as KTV-clubs
- Key lock function on receiver and transmitter avoids misoperation
- Squelch function ensures optimal performance tailored to the demands of the application
- LCD displays on receiver and transmitters enable an intuitive communication with the user

### Application

- Karaoke, motion sound source recording and amplifying, live performances, conference, house of worship, musical and opera

### Specification

|   |   |
|---|---|
| System Specifications                             | • Intermediate Frequency: 1st: 110MHz, 2nd: 10.7MHz |
| • Frequency Range: 450MHz-950MHz (frequency band) | • Antenna Connector: TNC                            |
| • Modulation: FM                                  | • Sensitivity: -90dBm                               |
| • Adjustable Range: 50MHz                         | • Sensitivity Adjusting Range: -90dBm~-60dBm        |
| • Frequency Band: 200                             | • Dimension: 430X196X48mm                           |
| • Frequency Band Interval: 250kHz                 | • Weight: 2480g                                     |
| • Frequency Stability: $\pm 0.005\%$              | • Output Way: independent bal/unbal                 |
| • Dynamic Range: > 100dB                          | • Power Supply: DC/12V/0.5A                         |
| • Max Deviation: $\pm 45\text{kHz}$               | Transmitter Specification                           |
| • Frequency Response: 80Hz-18kHz (-3dB)           | • Output Power: high power 10mW low power 3mW       |
| • S/N Ratio: > 105dB                              | • Power Supply: two 1.5V AA battery                 |
| • Distortion: < 0.5% (at 1kHz)                    | • Operation Time: about 10h                         |
| • Operation Temperature: 0~+40°C                  | Transmitter Dimension                               |
| • Operation Range: effective range 50m            | • Bodypack Microphone: 107X61X24mm                  |
| • Squelch Control: tone-key                       | • Handheld Microphone: 270X $\phi$ 48mm             |
| • Channel Qty: dual channel                       | Transmitter Weight                                  |
| Receiver Specifications                           | • Bodypack Microphone: 75g                          |
| • Reception Mode: FM                              | • Handheld Microphone: 365g                         |



## TS-8807TT

### Features

- TUNER diversity technology effectively solves the dead corner problem and improves the receiving reliability
- Channel ID code (tone-key) function effectively prevents from external noise and channel crosstalk
- Dual channel UHF frequency bands have lower interference but more reliable transmission than that of VHF frequency band
- Infrared matching transmitter and receiver by pressing the button conveniently
- SQ adjusting function; Users can adjust sensitivity to boost anti-interference capability and operation range according to actual environment
- Independent balanced XLR and unbalanced 6.3 combo output for convenient connection
- The conference transmitter has LED indications for low power, speech and power on

### Application

- Conference, training, teaching, PA applications

### Specification

| System Specifications                                | Receiver Specifications   |
|--|---|
| • Frequency Range: 470~960 Mhz (frequency band)      | • Reception Mode: FM  |
| • Modulation: FM                                     | • Wireless Connector: TNC/impedance 50 Ohm                        |
| • Adjustable Range: 50MHz                            | • Sensitivity: $\leq -90\text{dBm}$ (wired test)                  |
| • Frequency Band: 200                                | • Sensitivity Adjusting Range: $-90\text{dBm} \sim -60\text{dBm}$ |
| • Frequency Band Interval: 250KHz                    | • Max Output Level: 2V/RMS  |
| • Frequency Stability: $\pm 0.015\%$                 | • Dimension: 430 x 190 x 51mm                                     |
| • Dynamic Range: $\geq 100\text{dB A+}$              | • Weight: 2.36KG  |
| • Max Deviation: $\pm 48\text{KHz}$                  | • Output Way: independent bal/unbal                               |
| • Frequency Response: 150~12500Hz (line, 1KHz, -3dB) | • Power Supply: DC12V/0.5A  |
| • S/N Ratio: $\geq 100\text{dB A+}$                  | • Output Way: independent XLR and combo                           |
| • Distortion: $\leq 0.5\%$ (at 1KHz)                 | 6.3mm connector   |
| • Operation Temperature: $0 \sim +40^\circ\text{C}$  | Transmitter Specification   |
| • Operation Range: 50m                               | • Output Power: $\leq 10\text{mW}$                                |
| • Squelch Control: tone-key ID                       | • Power Supply: 2 AA batteries                                    |
| • Channel Qty: dual channel                          | • Operation Time: 8h  |
|  | • Transmitter Dimension: 142 x 100 x 480mm                        |
|  | • Transmitter Weight: 0.45KG (PCS)                                |



## TS-8807PP Upgraded Version

### Features

- TUNER diversity technology effectively improves the problem of dead point and promote the receiving stability
- ID code (tone-key) function effectively prevents noise interference
- Dual CH UHF frequency band design, more reliable transmission and low interference than VHF
- Press one button of receiver to scan the non-interference frequency band automatically and quickly
- Infrared matching, press to match transmitter and receiver, convenient operation
- SQ function to adjust sensitivity according to actual environment to improve anti-interference capability and receiving range
- Independent bal XLR and unbal (6.3mm) combo out, convenient connection
- Low power indication of transmitter, intuitive display
- Low cut/low attenuation function effectively reduces ambient noise and vibration noise

### Application

- Conference, training, teaching

### Specification

| System Specification  | Receiver  |
|---|---|
| • Frequency Range: 470~960MHz (frequency band design)               | • Power Supply: DC=12V/0.5A                       |
| • Modulation: FM  | • Frequency Out: independent bal and combo        |
| • Squelch Control: tone-key ID                                      | • Wireless Connector: TNC/50Q impedance           |
| • Adjustable Range: 50MHz   | • Sensitivity: $\leq -90\text{dBm}$ (wiring test) |
| • Frequency Band Qty: 200   | • Audio Out Max Level: 2.0V/RMS                   |
| • Frequency Band Interval: 250KHz                                   | (at 1KHz THD=1%)                                  |
| • Frequency Stability: $\pm 0.015\%$                                | • Dimension (LxWxH): 430x190x51mm                 |
| • Dynamic Range: $\geq 100\text{dBA+}$                              | • Weight: 2480g                                   |
| • Modulation Deviation: $\pm 48\text{KHz}$                          | Transmitter                                       |
| • Frequency Response: 50Hz~18KHz                                    | • Output Power: $\leq 10\text{mW}$                |
| • S/N Ratio: $\geq 105\text{dB A+}$                                 | • Power Supply: two AA batteries                  |
| • Distortion: $\leq 0.5\%$ (at 1KHz)                                | • Operation Time: $\geq 8\text{h}$                |
| • Operation Temperature: $-20^\circ\text{C} \sim +50^\circ\text{C}$ | • Dimension (LxWxH): 100x64x24.5mm                |
| • Operation Range: 50m (open area)                                  | • Weight: 80g                                     |



## TS-8808HH

### Features

- TUNER diversity technology effectively solves the problem of dead point and improves the receiving stability
- ID code (tone-key) function effectively prevents from external interference and channel crosstalk noise
- The receiver has the function of one button to automatically scan and quickly select the channel without interference
- Infrared matching for simultaneously operation of transmitter and receiver
- The receiver has SQ adjusting function. The transmitter has high/low power switching function. User can adjust the sensitivity and improve anti-interference capability and operation range according to the application environment
- Independent bal XLR and unbal 6.3 combo connector for convenient connection
- The transmitter and receiver have locking function to prevent from misoperation

### Application

- Conference, training, teaching, PA, wedding, small party

### Specification

| System Specifications                          | Receiver Specifications                    |
|--|--|
| • Frequency Range: 470~960 MHz(frequency band) | • Reception Mode: FM                       |
| • Modulation: FM                               | • Wireless Connector: TNC/impedance50 Ohm  |
| • Adjustable Range: 50MHz                      | • Sensitivity: ≤-90dBm (wired test)        |
| • Frequency Band Qty: 200                      | • Sensitivity: Adjusting Range             |
| • Frequency Band Interval: 250KHz              | • Max Output Level: 2V/RMS(at 1KHz THD=1%) |
| • Frequency Stability: ±0.015%                 | • Dimension: 430*190*51mm                  |
| • Dynamic Range: ≥90dB A+                      | • Weight: 2360g                            |
| • Frequency Response: 80Hz~16KHz               | • Power Supply: DC12V/0.5A                 |
| • S/N Ratio: ≥100dB A+                         | • Output Way: independent(XLR)/6.3mm combo |
| • Distortion: ≤0.5% (at 1KHz)                  | Transmitter Specification                  |
| • Operation Temperature: 0~+40°C               | • Output Power: ≤10mW                      |
| • Operation Range: 50m                         | • Power Supply: 2 AA batteries             |
| • Squelch Control: tone-key ID                 | • Operation Time: 8h                       |
| • Channel Qty: dual channel                    | • Transmitter Dimension: 270*φ53mm         |
| • Modulation Deviation: ±48KHz                 | • Transmitter Weight: 350g                 |



## TS-3310UH

### Features

- TUNER Diversity technology for better stability and nook coverage
- Special channel ID code (tone-key) function effectively prevents crosstalk
- One-key scan function on receiver automatically finds the best available channel
- IR sync to easily sync transmitter and receiver in one easy press
- Independent balanced XLR and unbalanced 6.3 combo output
- Key lock function on both receiver and transmitter to avoid accidental key presses

### Application

- Conference, training, teaching, public address, ceremony, small party

### Specification

| Receiver:   | Transmitter:                              |
|---|---|
| • Frequency Range: 470-932MHz (segmented)                   | • Frequency Range: 470-932MHz (segmented) |
| • Frequency Stability: ±10ppm                               | • Frequency Stability: ±10ppm             |
| • Sensitivity: 10dBuV                                       | • Transmit Power: 10mW                    |
| • Adjacent Channel Rejection: 65dB                          | • Receiving Distance: 100 (m)             |
| • Image Frequency Rejection: 75dB                           | • Harmonic Suppression: >65dB             |
| • Audio Output: 200mV                                       | • Modulation: FM                          |
| • Output Impedance: XLR connector: 200Ω; 1/4" connector: 1K | • Max Modulation Degree: 75K              |
| • S/N Ratio: 100dB  | • Operating Voltage: 3V                   |
| • Distortion: < 0.1%  | • Operating Current: 120mA                |
| • Frequency Response: 50Hz-15KHz                            | • Function Display: LCD                   |
| • Receiving Distance: 100 (m)                               |   |
| • Function Display: LCD                                     |   |
| • Power Supply: DC12V                                       |   |
| • Dimension: 482*490*44mm                                   |   |
| • Weight: approx. 4650g                                     |   |
| • Material: iron case, aluminum panel                       |   |



## G5

### Features

- Digital pilot tone technology effectively solves the crosstalk problem
- UHF frequency, PLL design
- 100×2 channels, 250KHz interval
- Double superheterodyne design, high receiving sensitivity
- The mute circuit effectively reduces ON/OFF noise
- Infrared matching function
- Microphone operation time approximate 6-10h
- Voltage boosting design keeps the microphone performance during low voltage
- The microphone automatically mutes after being unheld by hand for 3 seconds, and stands by for 5 minutes, and powers off for 15 minutes

### Application

- KTV, live performance, large conference

### Specification

|  |                                    |
|--|------------------------------------|
| System Specifications                              | • Sensitivity: -95~-60dBm          |
| • Frequency Range: 645-693MHz                      | • Dimension: 420X165X48mm          |
| • Modulation: FM                                   | • Weight: 1470g                    |
| • Frequency Stability: ±10ppm                      | • Power Supply: DC 12V             |
| • Frequency Response: 40Hz-18KHz                   | • Power Consumption: ≤10W          |
| • S/N Ratio: ≥110dB                                | Transmitter Specification          |
| • Distortion: ≤0.5% (at 1KHz)                      | • Output Power: 3-30mW             |
| • Operation Range: 100m (ideal indoor environment) | • Power Supply: 2 AA batteries     |
| • Adjusting Frequency Band Qty: 100×2              | • Transmitter Dimension: 250Xφ48mm |
| Receiver Specifications                            | • Transmitter Weight: 330g         |
| • Reception Mode: double superheterodyne           |                                    |



## G108

### Features

- UHF 612.25MHz~690.00MHz with strong anti-interference property
- PLL and high-precision quartz crystal, plus MCU control for high frequency stability
- IR sync function for ease of use
- Advanced digital pilot frequency which eliminates interference and crosstalk
- Three AND-logic squelch circuits to prevent noise and surge upon power on/off
- Auto frequency finder to help find the interference-free channel quickly and easily
- Adjustable transmission power and noise gate, effectively adapting to different use distance
- Dual boost circuit to ensure transmission performance unaffected by decrease of battery voltage
- Simple UI and controls to prevent accidental setting changes leading to malfunction
- Silent switch on conference microphone to avoid mechanical switch noise
- Highly sensitive vocal pickup, allowing effortless speech or singing
- Use multiple sets without worrying interference or crosstalk

### Application

- Conference room, classroom, multifunction hall

### Specification

|  |   |
|--|---|
| System Parameters  | Transmitter Specifications                        |
| • Frequency Range: 612.25MHz-690.00MHz                             | • Antenna: built-in                               |
| • Frequency Band: 612.25-667.00MHz, 640.00-690.00MHz               | • Spurious Suppression: -60dB                     |
| • Modulation: FM   | • Output Power: 10~30mW                           |
| • Frequency Channel: 400 (200 channels per band, 2 bands in total) | • Power Supply: 2x1.5V AA battery                 |
| • Channel Spacing: 250KHz  | • Battery Life: 10~20h (subject to the battery)   |
| • Oscillation Mode: PLL synthesized                                | Receiver Specifications                           |
| • Frequency Stability: ±10ppm                                      | • Reception Mode: dual conversion superheterodyne |
| • Dynamic Range: 100dB   | • Intermediate Frequency: 110MHz, 10.7MHz         |
| • Audio Frequency Response: 60-1600Hz                              | • Antenna: BNC/50Ω                                |
| • S/N Ratio: ≥110dB  | • Receiving Sensitivity: -95~-75dBm               |
| • Distortion: ≤0.5%  | • Spurious Suppression: ≥-75dB                    |
| • Operating Range: 150m (open area)                                | • Audio Output: +10dB                             |
| • Operating Temperature: -10°C~+50°C                               | • Power Supply: DC 12V                            |
|  | • Power Consumption: ≤7W                          |







Wireless Lavalier Mic

Wireless Earhook Mic

## TS-K3

### Features

- Wireless mic tailored for audio-visual education, small conferences, and live broadcast
- On a full charge, lavalier mic lasts for 6hrs and earhook mic for 7hrs
- Automatic pairing
- 2.4GHz communication frequency
- Lavalier & earhook design
- USB & 6.3mm audio inputs
- 6.3mm & 3.5mm audio outputs
- Use distance up to 30m

### Application

- Audio-visual education, small meetings, and live broadcast

### Specification

| System Specification                   | Transmitter                                       |
|--|---|
| • Frequency Range: 2.402-2.480GHz      | • Capsule: digital mic                            |
| • Number of Sub-Channels: 40           | • Polar Pattern: omnidirectional                  |
| • Bandwidth: 2MHz                      | • Sensitivity: -20±3dB (0db=1V/Pa/m at 1kHz)      |
| • Frequency Response: 20Hz-20KHz       | • Transmit Power: ≤4dbm                           |
| • S/N Ratio: ≥62dB                     | • Battery Type: polymer battery                   |
| • Distortion: <1% (at 1KHz)            | • Battery Spec: lavalier 3.7V (100mAh);           |
| • Working Range: about 30m (open area) | earhook 3.7V (130mAh)                             |
| Receiver                               | Charging Spec: Type-C 5V                          |
| • Audio Output: ø3.5mm line output;    | • Charging Time: about 2.5hrs                     |
| 6.3mm line output                      | • Battery Life: lavalier 6hrs; earhook 7hrs       |
| • Power Supply: Type-C 5V              | • Lavalier Mic Dimensions: 52.5*22*18.5mm (L*W*H) |
| • Dimensions: 159.6*93.2*22.2mm        | • Earhook Mic Dimensions: 170.2*34.4*26.5mm       |
|  | • Net Weight: lavalier 8.8g; earhook 14.4g        |

## TS-K201

### Features

- Tailored for sound card, power amplifier or speaker cabinet during webcast, Karaoke, speech
- UHF technology, without the trouble of cable connection
- Automatic matching technology, easy operation, high capability of anti-interference, about 25m operation range in open area
- 50 channel for adjustment, without frequency interference, supporting multiple microphones used simultaneously
- LED display, easy operation, intuitive information
- Compact design, plug and play, conveniently connecting with various audio equipment
- Press one button for mute function. Cutting down mic signal quickly according to actual situation
- ø6.3mm adapter to conveniently connect with audio equipment of ø6.3mm connector

### Application

- Webcast, Karaoke, propaganda, speech

### Specification

| Specification                                 | Sensitivity: -55±3dB dB                         |
|---|---|
| • Frequency Range: 630-698MHz                 | (0db=1V/Pa/m at 1kHz)                           |
| • (frequency band) Channel Quantity: mono     | • Gain Adjustment: -18dB - 21dB                 |
| • Frequency Band Quantity: 50                 | • Transmitter Power: ≤10mW                      |
| • FM Width: 12.5MHz                           | • Power Supply: 2 AA batteries                  |
| • Frequency Band Interval: 250KHz             | • Dimension: Φ36.5mmX245mm                      |
| • Modulation/Demodulation: FM                 | • Net Weight: approximate 237g                  |
| • Squelch Control: tone-key ID                | Receiver  |
| • Frequency Response: 120Hz-17KHz             | • Audio Output: Φ3.5mm line out                 |
| (1KHz reference -3dB)                         | • Battery: Li-ion battery                       |
| • Frequency Stability: ±7KHz                  | • Battery Specification: 3.7V/400mAh            |
| • S/N Ratio: ≥95dB                            | • Charging: USB 5V/200mA (max charging current) |
| • Dynamic Range: ≥90dB                        | • Charging Time: approximate 2h                 |
| • Distortion: <1%(at 1KHz)                    | • Operation Time: approximate 5h                |
| • Operation Range: approximate 25m(open area) | • Dimension: 80.5mmX28mmX15.5mm(L X W X H)      |
| Transmitter (microphone)                      | • Net Weight: approximate 22g                   |
| • Cartridge: dynamic                          |   |
| • Polar Pattern: unidirectional               |   |



## TS-331H

### Features

- VHF wireless system
- Effective feedback control circuitry
- Electronic on/off switching noise suppression
- Low power consumption

### Application

- Motional sound source recording and amplifying for live performances, conference, house of worship, musical and opera

### Specification

|                                      |  |                                    |
|--------------------------------------|--|------------------------------------|
| System Specifications                | • Operation Range: effective range 50m | • Weight: 190g                     |
| • Frequency Range: 220MHz-270MHz     | • Squelch Control: noise lock          | • Power Supply: External DC        |
| • Modulation: FM                     | • Channel Qty: mono                    | 9V/300mA power adapter             |
| • Channel Qty: mono                  | Receiver Specifications                | • Output Way: unbal output         |
| • Frequency Stability: $\pm 0.005\%$ | • Reception Mode: FM                   | Transmitter Specification          |
| • Max Deviation: $\pm 15\text{kHz}$  | • Intermediate Frequency: 10.7MHz      | • Output Power: $\leq 10\text{mW}$ |
| • Frequency Response: 60Hz-13kHz     | • Antenna Connector: VHF antenna       | • Power Supply: 9V battery         |
| • S/N Ratio: $> 70\text{dB}$         | • Sensitivity: $-80\text{dBm}$         | • Dimension: 230X $\phi$ 50mm      |
| • Operation Temperature: 0~+40°C     | • Dimension: 150X105X40mm              | • Weight: 195g                     |



## TS-6700PP/TS-6700HH

### Features

- VHF wireless microphone
- 50m operating distance
- Pure quartz oscillation circuit guarantees stable performance
- Circuit controlled switching noise elimination
- ALC for low distortion, audio companding technology for low noise and wide dynamic range
- Effective feedback control circuitry
- Low power consumption
- LED status indicator on both transmitters and receiver
- Separate or mixed output

### Application

- Motional sound source recording and amplifying, live performances, conference, house of worship, musical and opera

### Specification

|  |  |
|--|--|
| System Specifications                                    | Receiver Specifications                                |
| • Frequency Range: 220MHz-270MHz                         | • Sensitivity: $-80\text{dBm}$ E309                    |
| • Frequency Stability: $\pm 0.005\%$                     | • Dimension: 420X200X50mm                              |
| • Max Deviation: $\pm 15\text{kHz}$                      | • Weight: 1640g  |
| • Frequency Response: 60Hz-15kHz                         | • Power Supply: External DC12V/300mA power adapter     |
| • S/N Ratio: $> 80\text{dB}$                             | Transmitter Specification                              |
| • Distortion: $\leq 0.5\%$ (at 1kHz)                     | • Power Supply: 9V battery/1.5V AA battery (TS-6700PP) |
| • Operation Range: open area 50m/<br>effective range 30m | Transmitter Dimension                                  |
| • Squelch Control: noise lock                            | • Handheld Microphone: 240X $\phi$ 45mm                |
| • Channel Qty: dual channel                              | Transmitter Weight                                     |
|  | • Handheld Microphone: 305g                            |



TS-6700PP

TS-6700HH





## TC-2R/TC-4R

### Features

- TC-2R VHF dual channel wireless microphone
- The high quality dynamic capsule and circuit connection features excellent sound quality
- TC-4R: Supplied with one receiver and four transmitters
- TC-2R: 50-80m operating area
- TC-4R: 50m operating area
- Selected VHF frequency to avoid interference
- Feedback rejection function can effectively reduce howling
- Optional mixed or individual output to connect with any mixer / amplifier
- The receiver can be used together with handheld mic TC-TD, body-pack TC-TL or conference mic TC-TH at the same time
- Easy recognition by different color for each frequency

### Application

- Handheld mic: KTV, program hosting, outdoor activities
- Body-pack mic: Broadcasting, program hosting, outdoor activities
- Conference mic: Conference, lecture

### Specification

| System Specifications                           | TC-2R                                   |
|---|---|
| • Frequency Range: 220~270MHz (fixed frequency) | • Dimension: 210X145X40mm               |
| • Modulation: FM                                | • Weight: 725g                          |
| • Channel Qty: dual channel                     | • Power Supply: DC 12V-300mA            |
| • Frequency Stability: $\pm 0.005\%$            | TC-4R                                   |
| • Max Deviation: $\pm 18\text{kHz}$             | • Dimension: 420X200X48mm               |
| • Frequency Response: 80Hz-15kHz                | • Weight: 1750g                         |
| • S/N Ratio: > 70dB                             | • Power Supply: DC 12V-500mA            |
| • Distortion: < 0.5% (1kHz)                     | Transmitter Specification               |
| • Operation Temperature: 0~+40°C                | • Power Supply: 9V battery (TC-TD)      |
| • Operation Range: effective range 50m          | Transmitter Dimension                   |
| • Mute Control: lock interference               | • Bodypack Microphone: 100X65X25mm      |
| Receiver Specifications                         | • Handheld Microphone: 235X $\phi$ 48mm |
| • Reception Mode: FM                            | • Conference Microphone: 135X90X405mm   |
| • Intermediate Frequency: 10.7MHz               | Transmitter Weight                      |
| • Wireless Connector: VHF antenna               | • Bodypack Microphone: 85g              |
| • Sensitivity: -80dBm                           | • Handheld Microphone: 270g             |
| • Output Way: independent/combo unbal output    | • Conference Microphone: 530g           |

## Accessory



## HM-200W

### Features

- Tailored for square dance, teaching, shopping guide, used with amplifier or speaker cabinet together
- UHF wireless transmission/receiving technology, high anti-interference capability, more than 50m transmission range
- Frequency modulation, at most 40 amplifiers can be used simultaneously without crosstalk and interference
- Condenser microphone, high sensitivity, clear sound
- Rechargeable Li-ion battery, more than 6h operation time

### Application

- Used with amplifier or speaker in speech, teaching, touring guide, or propaganda

### Specification

|  |   |
|--|---|
| • Frequency Response: 60Hz-16KHz               | • Operation Time: approximate 6h  |
| • Frequency Range: 630MHz-890MHz               | • Operation Range: open area 50m  |
| • Sensitivity: -51dB~-54dB (0dB=1V/Pa at 1KHz) | • Net Weight: transmitter: approximate 22g; receiver: approximate 39g         |
| • Operation Voltage: DC2.5-5.5V                | • Dimension: transmitter: 78.92 x 28 x 15.4mm; receiver: 61.7 x 27.6 x 21.7mm |
| • Battery: Li-ion battery 400mAh               |   |
| • Charging Voltage: DC 5V/100mA                |   |
| • Charging Time: approximate 4h                |   |

## TCM-370

### Features

- Cardioid directivity characteristic
- High sensitivity
- Clear and natural vocal reproduction
- Light-weight design for flexible positioning
- Unique plastic nip, firm and gentle on textile

### Application

- Video production, performance, broadcasting, instrument recording

### Specification

- |  |   |
|--|---|
| • Transducer Principle: Back Electret Condenser                  | • Output Impedance: $680\Omega \pm 30\%$ (at 1kHz)                |
| • Directivity Characteristic: Cardioid                           | • Max. Operating Voltage: 10V                                     |
| • Frequency Response: 50Hz-18kHz                                 | • Power Requirements: 1.5V  |
| • Sensitivity: $-45\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz) | • Cable Dimensions: $\varnothing 1.7\text{mm} \times 1.2\text{m}$ |



## TCM-390

### Features

- Cardioid microphone, do the exact pickup particular direction, reducing environmental noise input
- Pickup high sensitivity, clear sound
- Microphone compact, robust, and easy to wear

### Application

- Interviews, lectures, web teleconferencing, studio scene, musical instruments, PA

### Specification

- |  |   |
|--|---|
| • Single: back-electret  | • Output Impedance: $680\Omega \pm 30\%$ (at 1kHz)            |
| • Polar Pattern: cardioid  | • Maximum Working Voltage: 10V                                |
| • Frequency Response: 50Hz-18kHz                                   | • Voltage: 1.5V   |
| • Sensitivity: $-45\text{dB} \pm 3\text{dB}$ (0dB = 1V/Pa at 1kHz) | • Cable Length: $\varnothing 1.7\text{mm} \times 1.2\text{m}$ |



## TS-AD1

### Features

- UHF wide frequency band(450~950MHz) design enables 4 sets of receiver to share the antenna
- Built-in power distribution system supplies power for 4 receivers
- Built-in power supply circuit in the antenna input interface supplies power for the antenna amplifier directly
- Independent protection circuit for each power port assures the normal operation of the other units when one of the receiver has a breakdown
- The main power switch controls the power supply of all devices

### Application

- Engineering application, outdoor performance

### Specification

- |                                      |   |
|--------------------------------------|---|
| • Frequency Range: 450~950MHz        | • Output Port Separation: > 15 dB       |
| • Antenna Interface: TNC/50 $\Omega$ | • Antenna Input Port Power: DC 8V/100mA |
| • Max. Output Power: -3 dBm          | • Power Input Voltage: 12V/3000mA       |
| • Total Gain: > 3 dB                 |   |



## TS-AD2

### Features

- UHF wide frequency band(450~950MHz) design, built-in signal amplifier
- Built-in attenuation switch, selectable output signal strength
- High front-to-rear ratio antenna effectively suppress the rear interference signal
- Common RF transmission cable for power supply, it saves the cable material and is convenient for use
- Waterproof characteristic for outdoor use

### Application

- Engineering application, outdoor performance

### Specification

- |                                      |                                    |
|--------------------------------------|------------------------------------|
| • Frequency Range: 450~950MHz        | • Max. Output Power: +0 dBm        |
| • Antenna Gain: > 4 dBi              | • SWR: <2.0                        |
| • Amplifier Gain: 10/6 dB            | • Antenna Power Supply: DC 8V/50mA |
| • Antenna Interface: TNC/50 $\Omega$ |                                    |



# you can hear it

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