

Dear Customer,

Thank you for purchasing our product. Read this manual thoroughly to use the product properly.

If you have any questions or suggestions, please contact our local dealer.

■ Features

- Advanced UHF digital audio processing, stable and clear sound without electrical sizzling.
- Comfortable, wearable on both ears, stress-free for long guiding sessions.
- Advanced air conduction tech, reducing ambient interference for undisturbed listening.
- Built-in energy-saving 2,000 mAh lithium-ion battery for ultra-long battery life.
- Splash-proof and sweat-resistant, unfazed by changing environments.
- Instant one-key Bluetooth pairing to share audio effortlessly from smart devices.

■ Package Contents

n × WTG-550 Transmitter Main/Secondary n × Headset Mic (HM-700)
n × Earhook Receiver 1 × User Manual

n × Charging Case

Note: Quantity n is defined by client requirements.

■ Applications

- For tourism, corporate activities, training, conferences, exhibitions, and facility tours.

■ Specifications

Transmitter

- Main TX Freq. Range: 960-1000MHz
- SEC TX Freq. Range: 2402-2483MHz
- Channels: 50CH
- TX Power: 18dBm
- Working Current: 220mA
- Bluetooth Current: 260mA / SEC TX 80mA
- Freq. Response: 20Hz-4kHz
- Distortion: <1%
- SNR: 80dB
- I/O: 3.5mm
- Battery: 2000mAh
- Charge Indicator: LED
- Charge Time: ~5hrs
- Battery Life: ~8hrs
- Antenna: Built-in
- Range: ~150m
- Charging: DC5V/400mAh
- Size: 43L*14.5W*117H (mm)
- Packaging: 70L*23W*140H (mm)
- Net Weight: ~69g
- Gross Weight: ~91g

Charging Case

- Slots: 50 (RX) + 2 (TX)
- DC Output: 5V/DC 20A 100W
- Packaging: 520L*190W*340H (mm)
- Gross Weight: ~4.32kg

Charging Case

- Slots: 20 (RX) + 2 (TX)
- DC Output: 5V/DC 6A 30W
- Packaging: 325L*270W*165H (mm)
- Gross Weight: ~1.66kg

Earhook Receiver

- Freq. Range: 960-1000MHz
- Channels: 50CH
- Working Current: 15mA
- Freq. Response: 20Hz-4kHz
- Distortion: <1%
- SNR: 80dB
- Battery: 260mAh
- Charging: DC5V/180mA
- Indicator: LED
- Charge Time: ~1.5hrs
- Battery Life: ~10hrs
- Speaker: Built-in
- Range: 150m
- Size: 59L*19W*11.5H (mm)
- Packaging: 58L*20W*75H (mm)
- Net Weight: ~14.5g
- Gross Weight: ~25g

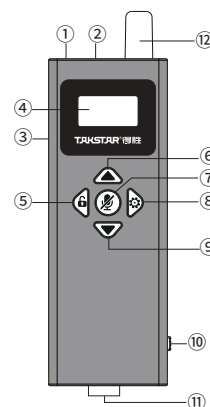
- AC Input: 110-230V/AC
- Size: 460L*130W*270H (mm)
- Net Weight: ~3.46kg
- Functions: Storage, Charging

- AC Input: 110-230V/AC
- Size: 270L*215W*120H (mm)
- Net Weight: ~1.16kg
- Functions: Storage, Charging

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

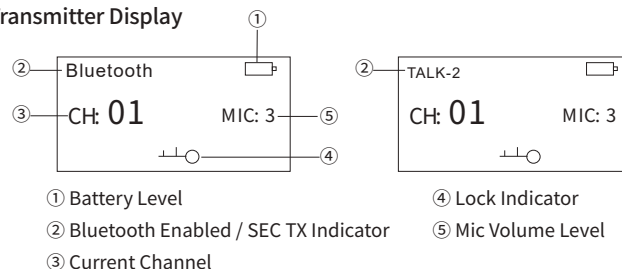
■ Function Descriptions

WTG-550 Transmitter



- | | |
|------------------------|-----------------------------------|
| ① 3.5mm Mic Input Jack | ⑦ Mute Mic Button |
| ② Built-in Mic | ⑧ Settings Button |
| ③ Indicator Light | ⑨ Channel Down Button |
| ④ Display Screen | ⑩ Power On/Off Switch |
| ⑤ Unlock Button | ⑪ Charging Contacts & Type-C Port |
| ⑥ Channel Up Button | ⑫ External Antenna |

Transmitter Display





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|--|--------------------|
| ① Battery Level | ④ Lock Indicator |
| ② Bluetooth Enabled / SEC TX Indicator | ⑤ Mic Volume Level |
| ③ Current Channel | |

■ Operating Guide

- 1. Power Switch:** Flip to ON/OFF to power on/off respectively.
- 2. Mic Input Jack:** Insert a Ø3.5mm mic plug here for external mic pickup.
- 3. Unlock Settings**
Power on transmitter, press and hold button until lock symbol disappears - settings are now unlocked. To lock, press and hold button until lock symbol appears.
- 4. Adjust Channels**
With transmitter unlocked, use Channel Up and Channel Down to select desired channel, 50 channels in total.
- 5. One-Key Auto-Sync All Receivers**
With transmitter unlocked and receivers powered on, press Channel Up or Down to sync. "CHANGE CHS" will display, then disappear when sync is complete. Receiver indicators turn solid green.
Note: Receivers must be within 5m. Restart transmitter after sync.
- 6. Manual Sync Receivers**
Receivers can auto-sync. If a receiver fails to sync, power it off first, then back on while pressing Volume Down until receiver LED blinks blue, entering sync mode. LED turns solid green = successful sync, solid blue = failed.
- 7. One-Key Power Off All Receivers**
With transmitter off, press and hold Settings while powering on. Display shows ALL OFF - all connected receivers are now powered off. (Note: Receivers must be in range.)
- 8. Bluetooth Pairing**
Enable Bluetooth on the transmitter, then go to your phone's settings to turn on Bluetooth. Tap "TAKSTAR WTG-550" to connect. Successful pairing is indicated by a change from rapid blue flashes to a slow blue pulse every 2s.
- 9. Switching Between Bluetooth and Dual-Speaker Mode**
Power on the transmitter while pressing the and buttons. The "Bluetooth" symbol will appear, and the indicator will flash blue rapidly. To

switch to Dual-Speaker mode, repeat the steps until "TALK-2 ON" appears, and the indicator turns green. (Note: Dual-Speaker mode requires a secondary transmitter to be paired.)



10. Pairing Secondary Transmitter with Main Transmitter

Power on the secondary transmitter while pressing its  button until the Pair symbol appears. Then, power on the main transmitter in Dual-Speaker mode and press its  button. Once paired, the main transmitter indicator will turn green. (Pairing memory is retained for future use.)

11. Adjust Mic Volume

With transmitter unlocked, press Settings  to adjust mic input volume.

12. Mute Mic

With transmitter locked, press and hold  to mute mic, MUTE symbol appears. Press and hold  again to unmute, MUTE symbol disappears.

13. Charging Indicator

Low battery =  on display. Charging = solid red light. Full = red off.

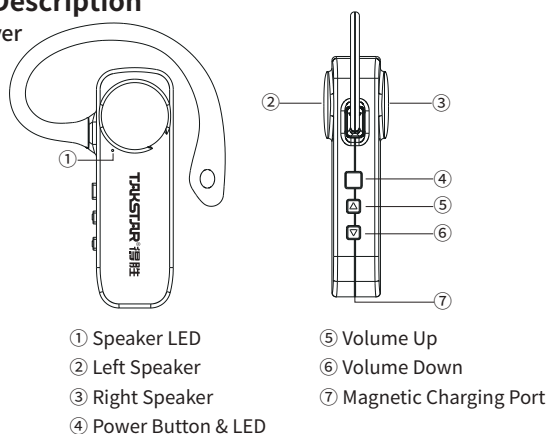
14. Transmitter display auto turns off after 1 minute idle. Press any button to reactivate.

Transmitter LED Status:

| Status | LED |
|-------------------------|---------------------------|
| During Charging | Solid red light |
| Fully Charged | Red light off |
| Main Transmitter Paired | Solid green light |
| Bluetooth Mode | Pairing: Rapid blue flash |
| | Paired: Slow blue flash |

■ Function Description

WTG-500R Receiver



■ Operating Guide

1. Power On/Off

Press and hold Power button. Solid blue = no signal, solid green = receiving signal.

2. Volume Adjustment

With receiver on, press Volume Up/Down.

3. Left/Right Speaker Switching

With receiver off, press and hold Volume Up, then Power button. Indicator lights up on selected speaker side.

4. Battery & Charging

Low battery = flashing green (if with AF) / blue (if without AF) indicator.

Charging = solid red indicator, Full = red off.

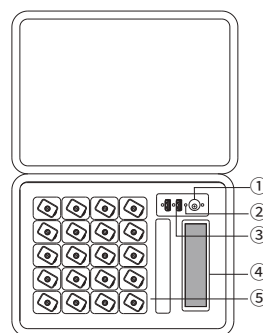
5. Receiver auto turns off after 20 mins without signal.

Receiver LED Status:

| Status | LED |
|----------------|---------------------------|
| Low battery | Slow flashing green/blue |
| Charging | Solid red |
| Full battery | Red off |
| Auto-Sync Mode | Pairing: Rapid blue flash |
| | Paired: Solid green |
| | Pairing Error: Solid blue |

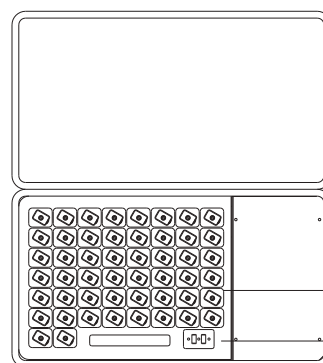
■ Function Descriptions

WTG-550C Charging Case (20+2 Slots)



1. Power Port: Connect the power cable - one end to the port, the other to AC power.
2. Power Indicator: Red LED lights up when powered on.
3. USB Charging Ports: Can charge the transmitter or your mobile devices.
4. Detachable Power Bank
5. Charging Slots: Place transmitters/receivers in the corresponding slots to charge when connected to power.

WTG-550C Charging Case (50+2 Slots)



1. Power Port: Connect the power cable - one end to the port, the other to AC power.
2. Power Switch: ON position to power, with red LED lit. OFF position to power off, red LED off.
3. Charging Slots: Place transmitters/receivers in the corresponding slots to charge when connected to power.
4. USB Charging Ports: Can charge the transmitter or your mobile devices.

Warning: During charging, the case may generate heat, so avoid covering it or closing the lid.

■ Safety Instructions

To avoid electric shock, overheating, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. When using replaceable batteries, do not use batteries with damaged insulation on the casing. Do not attempt to charge non-rechargeable batteries.
4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
7. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.