

TAKSTAR® 得胜



E261W 便携式无线扩音器
Portable wireless amplifier

使用手册 User Manual

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■ Preface

Dear Customer,

Thank you for purchasing TAKSTAR E261W handheld/head-mounted portable wireless amplifier. Please read the user manual carefully before operation and keep it for reference in future. If you have any questions or suggestions, please contact our local dealer.

■ 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.

■ Product content

Handheld version

Amplifier.....	1 pc
Handheld microphone.....	1 pc
Micro USB charging cable.....	1 pc
Anti Slip Roller Ring.....	1 pc
AA batteries.....	2 pcs
User manual.....	1 pc

Head-mounted version

Amplifier.....	1 pc
Headset microphone.....	1 pc
Micro USB charging cable.....	1 pc
User manual.....	1 pc

■ Specification

Amplifier

Frequency Response: 80Hz-18KHz
Rated Power: 10W
Peak Power: 25W
Speaker Impedance: 4Ω
Frequency Range: 630-698MHz (frequency band)
Number of Channels: single channel
Number of Frequencies: 50

Mute Control: pilot frequency/digital ID
Battery Type: Li-ion battery
Battery Specification: 7.4V \approx 2000mAh
Charging: DC 5V \approx 1A
Charging Time: approx. 4h
Operation Time: approx. 12h @60% volume
Dimension: 110*110*56.6mm
Net Weight: approx. 400g

Handheld microphone

Cartridge: dynamic
Polar Pattern: unidirectional
Frequency Response: 60Hz-16KHz
Sensitivity: $-55 \pm 3\text{dB}$ (0dB=1V/Pa/m at 1KHz)

Gain Adjustment: -18dB-21dB
Transmitter Power: $\leq 10\text{mW}$
Power Supply: 2pcs of AA batteries
Dimension: $\Phi 36.5\text{mm} \times 245\text{mm}$ (Dia*L)
Net Weight: approx. 237g

Headset microphone

Cartridge: back electret cartridge

Polar Pattern: unidirectional

Frequency Response: 60Hz-16KHz

Sensitivity: -51 to -54dB(0db=1V/Pa/m
at 1kHz)

Battery Type: Li-ion battery

Note: The data is tested by Takstar Laboratory and Takstar has the final interpretation right!

Battery Capacity: 3.7V \approx 400mAh

Charging: DC 5V \approx 100mA

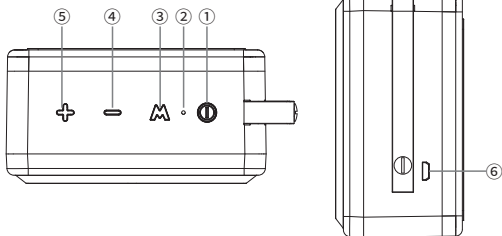
Charging Time: approx. 4h

Operation Time: approx. 5h

Net Weight: approx. 39g

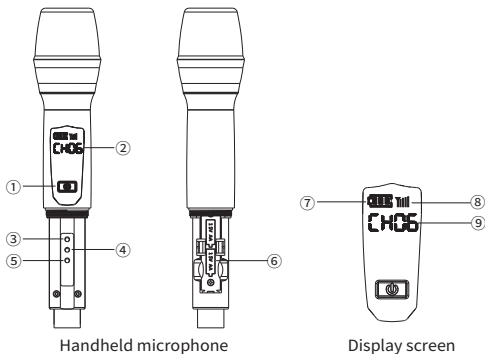
Function instruction

Amplifier



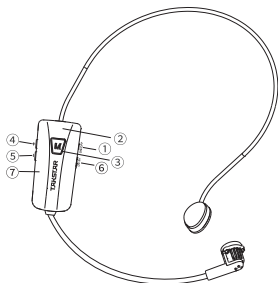
- ① Power button: Long press it for 2 seconds to turn on or off the amplifier. When it is turned on, the indicator lights up blue, indicating that the amplifier enters the working state.
- ② Indicator light: When the amplifier is of low battery, it lights up red; when charging, it flashes red; when fully charged, it lights up blue; when in the state of wireless connection, it flashes red and blue alternately.
- ③ "M" button: Press it repeatedly to turn on or off the wireless playing function. Refer to the "Frequency matching methods" for details.
- ④ "-" button: Press it to decrease the volume of the amplifier.
- ⑤ "+" button: Press it to increase the volume of the amplifier.
- ⑥ Charging interface: Connect to the USB data cable. Please use a charging head with a specification of 5V \approx 1A and 3C certification to charge the amplifier.

Handheld microphone

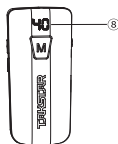


- ① Power button: Press it to turn on the microphone; long press it for 2 seconds to turn off the microphone. In the power-on state, press it repeatedly to turn on or off the "mute" function.
- ② Display screen: Display information such as working channel, microphone volume, microphone signal, battery level, etc.
- ③ CH button: Used for frequency matching. Refer to the "Frequency matching methods" for details.
- ④ ^ button: Press it to increase the volume of the microphone. In the matching state, press it to switch to the previous channel, and long press it to quickly switch channels.
- ⑤ V button: Press it to decrease the volume of the microphone. In the matching state, press it to switch to the next channel, and long press it to quickly switch channels.
- ⑥ Battery compartment: Install two AA batteries.
- ⑦ Battery level: It has three bars, and the number of bars is used to indicate the battery level. When the battery is low, the battery symbol flashes.
- ⑧ Signal symbol: When the microphone is muted, the signal symbol disappears; when the mute function is cancelled, the signal symbol returns to display.
- ⑨ Working channel/microphone volume: The current working channel is displayed by default, and there are totally 50 working channels "CH01-CH50". When the microphone volume is adjusted, the current microphone volume is displayed, and there are totally 13 levels of volume "U01-U13".

Headset microphone



Headset microphone



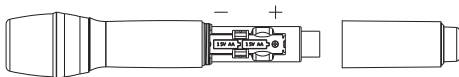
Display screen

- ① Power switch: The microphone is turned on when the switch is in the ON position, and the microphone is turned off when the switch is in the OFF position.
- ② Display screen: Display working channel and microphone volume.
- ③ M button: Used for frequency matching. Refer to the "Frequency matching methods" for details.
- ④ + button: Press it to increase the volume of the microphone. In the matching state, press it to switch to the previous channel, and long press it to quickly switch channels.
- ⑤ - button: Press it to decrease the volume of the microphone. In the matching state, press it to switch to the next channel, and long press it to quickly switch channels.
- ⑥ Charging interface: Connect to the USB data cable. Please use a charging head with a specification of 5V=1A and 3C certification to charge the amplifier.
- ⑦ Power indicator: When the microphone is turned off and not charging, the indicator lights off; when the microphone is turned on, the indicator lights up blue; when the battery is full, the indicator always lights up blue; when the battery is low, the indicator always lights up red; during charging, the indicator flashes red, and lights up blue when fully charged.
- ⑧ Working channel/microphone volume: The current working channel is displayed by default, and there are totally 50 working channels "01-50". When you press the volume + and - buttons, the volume is displayed and returns to normal value after 3 seconds; there are totally 6 levels of volume "U1-U6". After 10 seconds without any operation, the display screen will automatically go out.

■ Instructions for use

Battery installation

Open the tail cover of the microphone counterclockwise, install 2 AA batteries according to the positive and negative polarity marked on the battery compartment (pay attention not to install the batteries reversely), and tighten the tail cover of the microphone clockwise as shown below.



Tip: When the battery indicator on the microphone display flashes, it means that the batteries are running low. Please replace them in time.

Wireless playing matching

Press the M button repeatedly to turn on or off the wireless playing function. The wireless playing function is off by default when the amplifier is turned on. When the amplifier is used for the first time, it needs to connect to a mobile phone or wireless playing equipment. The steps are as follow.

1. Long press the power button to turn on the amplifier, and then press the "M" button. The working indicator flashes red and blue alternately, indicating that it is in the state of searching and matching.
2. Enter the "Settings" menu of the mobile phone, find the option of wireless playing function, and turn on the wireless playing function of the mobile phone. After searching for "TAKSTAR E261W", tap "TAKSTAR E261W" to connect, and the working indicator will be on again, indicating that the connection is successful.

Frequency matching methods

The frequency has been matched by default when the product leaves the factory. It will automatically connect when turned on without frequency matching. In case of signal interference, you can try frequency matching again or frequency conversion according to the following methods.

Handheld microphone

1. Frequency matching method

- ① The microphone and the receiver are turned off. First, turn on the power switch of the microphone.
- ② Open the tail cover of the microphone and long press the "CH" button for 3 seconds. When the channel on the display screen changes to "----" dynamic display, release the button, and immediately turn on the power switch of the amplifier to start frequency matching. If the power switch of the amplifier is not turned on within 10 seconds, the matching fails.
- ③ Frequency matching is completed in about 5 seconds. When "----" dynamic display on the microphone changes to channel (CHXX) static display, and the sound is amplified, it indicates that the matching is successful.
- ④ If the matching fails, repeat the above steps.

2. Frequency conversion method

- ① Turn on the power switches of the transmitter and the receiver when the matching is successful.
- ② After the "CH" button of the microphone is pressed, the channel (CHXX) on the display screen flashes and the microphone enters the state of frequency conversion.
- ③ Press the "^" or "v" button within 8 seconds to switch channels, and press the "CH" button for confirmation.
- ④ If you do not press the "CH" button for confirmation within 8 seconds, the frequency will automatically stop flashing and the currently selected frequency will be fixed.

Headset microphone

1. Frequency matching method

- ① First, make sure that the headset microphone and the amplifier are turned off. Then, turn on the power switch of the headset microphone, long press the "M" button for 3 seconds, and release it when the display turns into a circle. At this time, turn on the amplifier immediately. When the display on the microphone changes from a circle to a static value, and the indicator light of the amplifier changes from a fast flashing blue light to a steady blue light, speak into the microphone. If there is sound output, it indicates that the matching is successful. If the power switch of the amplifier is not turned on within 10 seconds after the microphone enters the matching state, the matching fails and the display changes from a circle to a static value.
- ② If there is no sound output when you speak into the headset microphone, it indicates that the matching is unsuccessful. Please try again by repeating the above steps.

2. Frequency conversion method

In the case of successful matching, turn on the power switches of the amplifier and the headset microphone at the same time, and press the "M" button to enter the state of frequency conversion. At this time, the value on the display screen flashes. Then, you can press the volume "+" / "-" to switch to the previous/next frequency, long press it to quickly switch channels, and press the "M" button to confirm the frequency. If you do not press the "M" button for confirmation within 3 seconds, the frequency will stop flashing and the currently selected frequency will be fixed.

Volume adjustment method

1. Handheld microphone: Press the "^" button to increase the microphone volume and the "v" button to decrease it. The display screen changes from "U01" to "U13" circularly (13 levels adjustable).
2. Headset microphone: Press the "+" button to increase the microphone volume and the "-" button to decrease it. The display screen changes from "U1" to "U6" circularly (6 levels adjustable).
3. The volume has the memory function. The volume displayed when the microphone is turned on is the volume displayed at the last shutdown.
4. If the volume button is not pressed for over 2 seconds, it will automatically exit, and the volume display "UXX" will return to the channel display "CHXX".

■ Safety instruction

In order to avoid possible personal injury or property damage caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazards and improper use, please read and observe the following items carefully before using the product.

1. When using the product, please confirm whether the power of the connected device matches the power of the product, and adjust the volume of the device. Do not use it for a long time when the power of the product is exceeded or at a high volume to avoid product failure and hearing damage.
2. If there is any abnormality (such as smoke, odor, etc.) during use, please turn off the power switch and unplug the power plug immediately, and then send the product to the dealer for maintenance.
3. If the product needs to use removable batteries, it is strictly forbidden to use batteries with damaged insulation materials. Please do not charge non-rechargeable batteries.
4. Discarded batteries must be placed in designated classified garbage bins, and cannot be used as children's toys or discarded directly to avoid potential safety hazards or environmental impact.
5. If you don't use the product for more than a week, please take out the battery to avoid product damage due to battery leakage.
6. The product and accessories should be placed indoors in a dry and ventilated place. Do not store them in a humid and dusty environment for a long time. Avoid getting close to fire, rain, water, excessive collision, throwing, vibrating the machine and covering the ventilation holes during use, so as not to damage its function.
7. If the product needs to be fixed on the wall or ceiling, please make sure to fix it in place to prevent it from falling down.
8. When using the product, you must abide by the relevant safety regulations. Please do not use the product in the occasions that are clearly prohibited by laws and regulations to avoid accidents.
9. Please do not disassemble, refit or repair the product by yourself to prevent personal injury. If you have any questions or service needs, please contact the local dealer for follow-up.

■ The meaning of Icon



This symbol indicates that according to the WEEE Directive (2012 / 19 / EU) and national laws, this product should not be disposed of together with your

household waste, and should be returned to an authorized recycling station of electrical and electronic equipment (WEEE) for recycling, because this type of waste has potential harmful substances that may have a negative impact on the environment and human health. Meanwhile, when this product is disposed of properly, it is conducive to the effective use of natural resources. For more information on where you can place your waste recycling equipment, please contact your local City Office, Waste Management Bureau or Household Waste Treatment Service Department.



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