

# TAKSTAR® 得胜



**E300W** 便携式无线扩音器  
Portable Wireless Amplifier

## ■ Preface

Dear Customer,

Thank you for purchasing Takstar E300W portable wireless amplifier. Please read the user manual carefully before operation and keep it for reference in future. If you have any question or suggestion, please contact our local dealer.

## ■ Features

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

## ■ Product content

Amplifier.....	1pc
Headworn microphone.....	1pc
Charging cable.....	1pc
Shoulder strap.....	1pc
User manual.....	1pc

## ■ Application

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

## ■ Specification

### Amplifier:

Frequency Response: 80Hz-12kHz

Peak Power: 10W

Speaker Impedance: 4Ω

UHF Frequency: 630MHz-890MHz  
(frequency band)

UHF Operation Range: open area 40m

Media Playing: TF card, max 64G

Media Format: MP3, WAV

Battery Type: Li-ion battery

Battery Specification: 3.7V≐2500mAh

Charging: USB 5V≐1000mA

Charging Time: approximate 2.5h

Operation Time: around 13h

Net Weight: approximate 200g

Dimension: 113\*84\*44mm

### Headworn microphone:

Cartridge: back electret

Polar Pattern: unidirectional

Frequency Response: 60Hz-16kHz

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

UHF Frequency: 630MHz-890MHz  
(frequency band)

UHF Operation Range: open area 40m

Battery Type: Li-ion battery

Battery Capacity: 3.7V≐400mAh

Charging: USB 5V≐200mA

Charging Time: approximate 2.5h

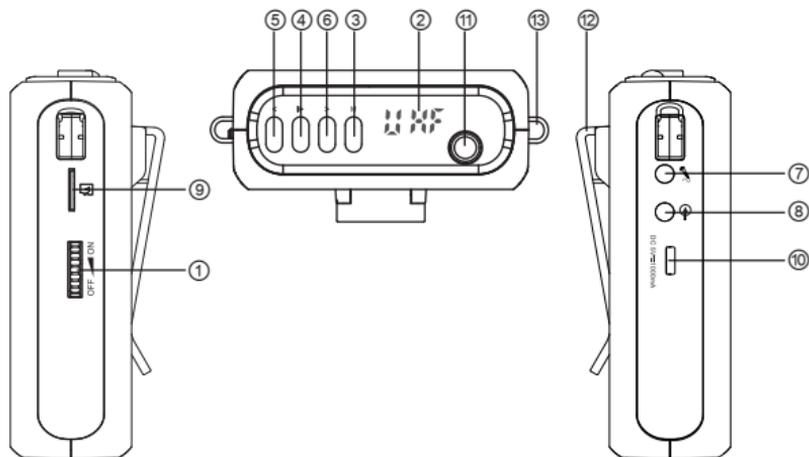
Operation Time: approximate 5h

Net Weight: approximate 39g

Note: The above data are tested by the Takstar laboratory and Takstar has the right of final interpretation.

## ■ Function

### Amplifier



① Power switch: turn the power switch to ON direction. It sounds Da and the mode button LED flashes green slowly. This means the amplifier is turned on and enters into vocal reinforcement status. Turn the power switch to ON continuously to increase volume. Turn the power switch to OFF continuously to decrease volume. When it sounds Da, the amplifier is turned off.

② LED display: it displays operation mode and battery status: BLUE (Bluetooth mode), TF (TF mode), FM (FM mode), AUX (Aux mode). “” is the battery power symbol. If the battery power is sufficient, this symbol is not displayed. If the symbol flashes, this means the battery power is low. Please recharge in time. There is no operation after 15 minutes, it displays “— — —”, and this means the amplifier enters into standby status. Press any button to wake up.

③ The mode button: press this button to switch the operation mode and there is relative sound prompt. When connecting with AUX audio source or inserting TF card, the audio source input mode and TF card mode have the priority. When

disconnecting with AUX audio source or taking out TF card, it goes to the next operation mode. When inserting TF card or connecting with microphone, keep pressing this button and the amplifier goes into recording mode, and there is RECORDING MODE sound. During recording, the display shows “00: 00” with the number changing. Keep pressing this button to exit and save the recording. After recording, it plays the recording repeatedly.

④ “▶” Play/pause button: In Bluetooth and TF card mode, press this button to control play and pause, and in radio or audio source input mode, press this button to mute. When playing in Bluetooth mode, keep pressing this key to disconnect the Bluetooth connection, and voice prompt "Bluetooth disconnected", When playing music in TF card mode, keep pressing this button, it displays “(1)” to enter the single song repeat playing status. Keep pressing this button again, “(1)” disappears to exit the single song repeat playing. In radio mode, keep pressing this button to search station, meanwhile the frequency number changes. After searching station, it plays the first channel. The amplifier can save more than 50 channels.

⑤ “<” The previous song key: In Bluetooth and TF card mode, press this button for previous song. In radio mode, press this button to the previous channel.

⑥ “>” The next button: In Bluetooth and TF card mode, press this button for next song. In radio mode, press this button to the next channel.

⑦ “🎤” MIC input connector: connect the microphone with this connector to enter into vocal reinforcement status.

⑧ “🔌” AUX input connector: it connects with playing equipments via 3.5mm audio cable, e.g. cell phone, PAD, MP 3 via Ø3.5mm audio cable. The amplifier can be used as active speaker cabinet.

⑨ “📀” TF card port: insert the TF card according to the indicated direction. When there is the sound Da, the means the card is inserted fully. Press the

card to release the card.

Note: please make sure the media in TF card is MP3 or WAV format, otherwise the media can not be read or even it destroys the amplifier. Before copy the songs into TF card, format the card in FAT16 or FAT32 way. The other format, e.g. exFAT or NTFS will lead to that the recording can not be saved or the saved songs can not be played.

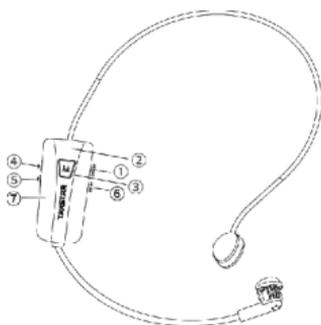
⑩Charging port: Use the Type-C cable to charge the amplifier.

⑪FM antenna: it is used to increase the FM signal. Pull the antenna out for better effect.

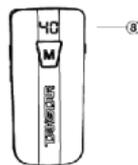
⑫Shoulder strap buckle: it is used to assemble the shoulder strap to wear the amplifier on shoulder.

⑬Waist strap clip: it is used to assemble the waist strap to wear the amplifier on waist.

### Headworn 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: Use the Type-C cable to charge the wireless headset mic.
- ⑦ Power Indicator: off when device is powered off without charging; solid blue when powered on and power is not low; flashes red when power is low; solid red while charging and turns off when fully charged.
- ⑧ Working channel/microphone volume: The current working channel is displayed by default, and there are totally 40 working channels "01-40". When you press the volume+ and - buttons, the volume is displayed and returns to normal value after 3 seconds; there are totally 9 levels of volume "U1-U9". After 10 seconds without any operation, the display screen will automatically go out.
- ⑨ High/Low Power Switch: press both [M] and [-] buttons at the same time to switch to low power, or both [M] and [+] to switch to high power (Use distance is around 10m when set to low power, or around 40m when set to high power).

## ■ Operation

### A.Frequency Matching

#### 1. Matching steps

It has the factory setting. If there is no interference, do not matching frequency or change frequency.

①Power on the headset mic, wait until the screen shows channel status. Long press micM button for 5s until a circle appears on the screen. Then immediately power on the amplifier and wait until the circle on mic screen changes to channel number.Speak to the mic to test. If your voice is amplified, the devices are paired successfully.

②Speak to the microphone but no sound. This means the matching is not successful. Match again.

#### 2. Changing Frequency

Power up both the amplifier and the headset mic. Press M button on mic, and the screen should flicker. Then press or long press volume +/- button to change frequency gradually/rapidly, and the display will show respective frequency channel changes.

#### 3.Multiple units used at the same time

①Use the first matching method to link and then change frequency.

② Make sure to use different channel on each device to avoid interference.

### B.Bluetooth Matching

For the first time operation, you need to match the bluetooth of cell phone or other equipment according to the steps below:

1.Turn on the power switch of the amplifier and press the M button. When the display shows “bLUE” and the sound prompts "Bluetooth mode".

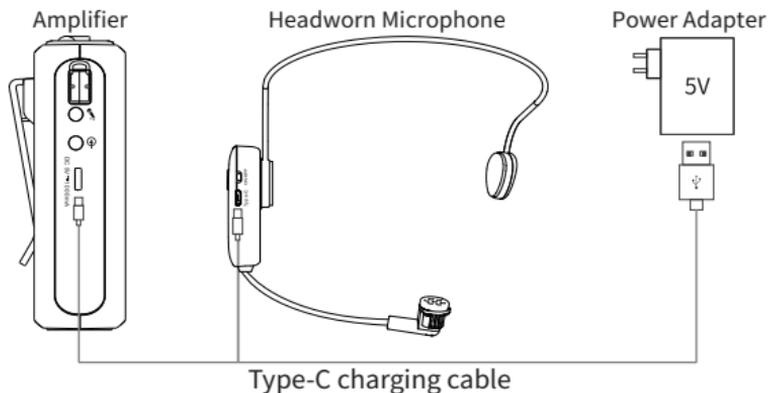
This means the Bluetooth matching status.

2.Enter into the cell phone setting menu and turn on the Bluetooth function, and then search TAKSTAR E300W. Click TAKSTAR E300W for connection. The

sound prompts Bluetooth Connected. This means the Bluetooth is connected successfully.

3. When turning on the amplifier next time and select Bluetooth mode, it automatically links with the last connected Bluetooth equipment, and it sounds Bluetooth Connected. seconds, then three times of the third microphone, etc, operate the microphone one by one.

### Charging diagram



Micro USB charging cable can be used to connect with power bank, PC or power adapter for charging.

Note: power adapter specification: DC 5V/1000mA;

1. Turn on the amplifier, display shows nothing. This means the power supply is used up. The power symbol flashes means low power supply.

2. Turn the microphone, the blue LED does not light up means no power supply. The blue LED flashes quickly means low power supply.

3. When charging the amplifier, the power symbol keeps lighting up means charging. The power symbol disappears means charging fully.

4. Charging the microphone, red LED keeps lighting up means charging. LED lights off means charging fully.

5. When 5V DC is used, it takes 2.5 hours to charge 1000mA fully. Please stop charging to avoid battery damaged.

Note: for the first time operation, it is suggested that the battery should be charged first. If it will not be used for a long time, it should be charged once every six months to avoid battery overdischarge, which will affect battery performance.

### ■ Caution

To avoid electric shock, over temperature, catching fire, explosion, mechanical risk and hurt or property loss caused by improper use, please read the following items carefully before operation:

1. Before operation please make sure the amplifier power matches with that of the connected equipment. Adjust the volume to proper level during operation. Do not operate at high volume level to avoid hearing loss.
2. If abnormal phenomenon (smoke, abnormal smell) happens, please turn off the power switch and disconnect the power plug with power socket, and send the product to local dealer for maintenance.
3. The product and accessories should be put in dry and ventilated place rather than humid or dusty environment. Prevent the product from liquid, rain, water, over-colliding, throwing, vibrating, vent hole covered to avoid function destroyed.
4. When the product needs to be installed on wall or ceiling, please fix it tightly to avoid dropping risk.
5. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.

# 产品服务保证书

姓名：\_\_\_\_\_ 电话：\_\_\_\_\_ 地址：\_\_\_\_\_

商品：\_\_\_\_\_ 型号：\_\_\_\_\_ 购买日期：\_\_\_\_\_ 年 \_\_\_ 月 \_\_\_ 日

维修记录栏(由维修员填写)	维修员签名	日期

## 注意事项：

1. 本单为保修凭证，请用户妥善保管，如有遗失，恕不保修或退换。
2. 保修期限制：购买之日起十二个月内。
3. 除了不可抗力事件损坏外，由本公司负责，免费维修。
4. 如属保管不善或使用不当造成的损坏，维修点将酌情收费。
5. 擅自拆卸维修者，不予保修。
6. 以上保修条款仅限于中国市场适用（不含港澳台地区）。



扫一扫，了解更多产品  
Scan for more  
product information

## **广东省电声工程技术研究开发中心 广东得胜电子有限公司制造**

地址：广东省惠州市博罗县龙溪街道富康一路2号

服务热线：400 6828 333 传真：0752 6383950

邮箱：xs@takstar.com

网址：www.takstar.com

Guangdong Takstar Electronic Co., Ltd.

Address: No. 2 Fu Kang Yi Rd., Longxi Boluo

Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com

GB 8898-2011  
9TE300WS1D