

TAKSTAR® 得胜



E150W 无线扩音器
Wireless Voice Amplifier

使用手册 | User Manual

E150W 无线扩音器

■ 前言

尊敬的用户：

感谢您选购得胜E150W无线扩音器，为了您能够更好的了解使用本产品，建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



■ 产品特性

- 采用UHF无线技术，在无障碍、无干扰环境下，使用距离约40米；
- 配套无线头戴麦克风，自动对频技术让操作更简便；
- 无线头戴麦具有40个频道可调，高低功率切换功能，防串频适用各场合；
- 采用数字扩音技术，10W峰值功率音频输出；
- 内置稀土材质扬声器，重量轻，声音更大，音质更好；
- 支持无线播放、U盘播放、AUX音频信号输入功能，可充当小音箱使用；
- 内置大容量锂离子电池，节能环保，续航更持久；
- 外观设计新颖时尚，带数码显示屏，实时了解电量及工作状态。

■ 适用范围

- 适用于教学、培训、导游、促销等场合扩音

E150W 无线扩音器

■ 产品配置

- 扩音器.....1台
- 无线头戴麦克风.....1个
- Type-C充电线.....1条
- 肩带.....1条
- 说明书.....1份

■ 技术参数

主机（扩音器）参数

- 频率响应：80Hz-12kHz
- 额定功率：5W
- 峰值功率：10W
- 扬声器阻抗：4Ω
- UHF频率：630MHz-698MHz（分段）
- UHF使用距离：无干扰空旷地带约40米
- 工作电压：DC 3.7V-4.2V
- 电池规格：18650 3.7V/2000mA
- 充电规格：5V=1A
- 充电时间：约2-3小时
- 使用时间：约12小时
- 充电方式：Type-C
- 无线连接版本：5.3
- 产品尺寸：91mm*38mm*106mm
- 单机重量：约210g

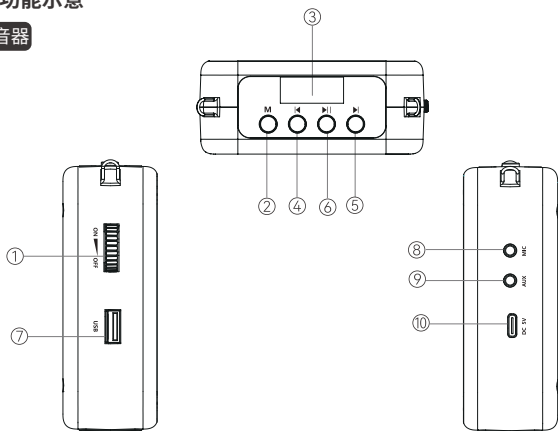
头戴麦克风参数


- 拾音器：背极式驻极体
- 指向性：单指向
- 频率响应：60Hz-16kHz
- 灵敏度：-50±3dB (0dB =1V/ Pa, at 1kHz)
- UHF频率：630MHz-698MHz（分段）
- UHF使用距离：无干扰空旷地带约40米
- 电池类型：锂离子电池
- 电池容量：3.7V/400mA
- 充电规格：DC 5V/200mA
- 充电时间：约2小时
- 使用时间：约5小时
- 单机重量：约39g

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

■ 功能示意

扩音器

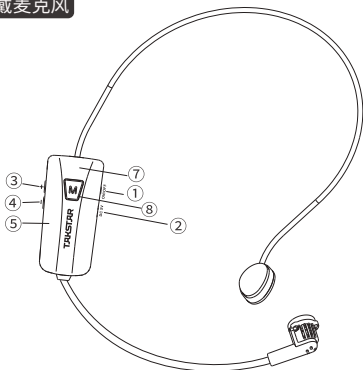


- ① 电源开关：往“ON”方向拨动旋钮，听到“哒”一声，表示扩音器已开机并进入人声扩音状态，继续往“ON”方向拨动声音逐渐增大，反之往“OFF”方向拨动则声音逐渐减小，直至听到“哒”一声关机。
- ② “M”模式切换键：开机状态下，点按该按键可切换工作模式，并伴随相应的语音提示。（当插入U盘和麦克风状态下，长按此按键进入录音模式，录制完成后长按此按键可退出并保存录音，退出录音模式后，自动循环播放刚录制的内容）
- ③ 数码显示屏：显示当前的工作模式、电池电量等信息。“”为电池电量符号；充电时，电池电量符号逐格流水点亮显示；充满电时，电池电量符号满格显示，低电时，电池电量符号闪烁。
- ④ 上一曲键：在无线播放、U盘播放状态下，短按此键为切换上一曲。
- ⑤ 下一曲键：在无线播放、U盘播放状态下，短按此键为切换下一曲。
- ⑥ 播放/暂停键：循环点按此按键控制音乐的播放及暂停；在无线播放模式下，长按此键可断开无线连接。

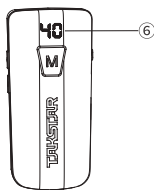
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- ⑦ USB接口：可将储存有音乐文件的U盘插入此接口进行播放。请确保U盘中储存的是MP3、WAV格式的音频文件，否则可能导致音频文件无法正常读取播放，甚至会有损坏机器的风险。
- ⑧ MIC接口：将 $\varnothing 3.5\text{mm}$ 有线麦克风插头插入此接口进入人声扩音状态。操作时，请不要将麦克风的拾音面朝向扩音器的扬声器，以免产生啸叫。
- ⑨ AUX输入接口：通过 $\varnothing 3.5\text{mm}$ 音频连接线与手机、电脑、平板等播放设备连接，将扩音器作为小音箱使用。
- ⑩ 充电接口：连接Type-C充电线为扩音器充电。

头戴麦克风



头戴麦克风



显示屏

- ① 电源开关：拨动开关至“ON”位置时开机，拨动开关至“OFF”位置时关机。
- ② 充电接口：将Type-C充电线插入此孔，另一端连接通用的USB输出充电器，即可进行充电。
- ③ “+”按键：点按增加麦克风音量；在对频状态下，点按切换上一个频道，长按快速跳转频道。

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④ “-” 按键：点按减小麦克风音量；在对频状态下，点按切换下一个频道，长按快速跳转频道。

⑤ 指示灯：关机未充电时，指示灯熄灭；开机时常亮蓝灯；电量充足时，指示灯常亮蓝灯；电量不足时，指示灯蓝灯闪烁；充电过程中红灯常亮，充满后指示灯红灯熄灭。

⑥ LED显示屏：显示当前工作频道、麦克风音量大小、功率切换等状态。

⑦ 工作频道/麦克风音量：默认显示当前工作频道，有“01-40”共40个工作频道；当点按音量“+”或“-”键时，则显示音量大小，有“U1-U9”共9级音量调节；10秒后无任何操作，显示屏将自动熄灭。

⑧ “M” 频道切换按键：用于调频操作，详见本说明书的“对频方法”部分。

⑨ 高低功率切换：同时按住“M”按键和“-”按键为低功率，显示屏会显示低功率的提示“E0”；同时按住“M”按键和“+”按键为高功率，显示屏会显示高功率的提示“E1”。（低功率无线使用距离在10米左右，高功率无线使用距离在40米左右）。

■ 使用说明

一、使用方法

产品出厂时已默认配对好，开机会自动连接，无需配对。如遇有信号干扰，可按下面方法进行重新配对或变频。

1. 配对方法

① 首先确保头戴麦克风及扩音器都在关机状态。然后打开头戴麦克风电源开关，长按麦克风“M”键3秒，待显示屏显示循环转圈时松开，此时立刻打开扩音器电源，等待麦克风的显示屏从转圈状态变为静态数值时，对着麦克风说话扩音器有声音输出，表示配对成功；如果麦克风进入对频状态后，10秒钟内没有打开扩音器电源开关，对频失败，显示屏从转圈状态变为静态数值。

② 如对着头戴麦克风说话没声音，说明配对不成功，请按以上方法重新配对。

2. 变频方法

- ① 打开扩音器及头戴麦克风电源开关，确保在对频成功的情况下，短按头戴麦克风上的“M”键进入变频，显示屏数值闪烁。
- ② 此时点按无线头戴麦克风音量“+”、“-”键切换上下频道，或长按快速跳转频道，再次点按“M”键确认频率，如3秒钟无操作“M”键确认，频率停止闪烁并固定在当前选择的频率。

3. 多台同时使用的方法

- ① 多台同时使用先按上述第一种“配对方法”重新连接一次后，再按上述变频方法进行变频操作切换不同频道；
- ② 多台同时使用时，需要切换不同的频道，以免干扰。

二、无线播放配对

首次使用本机时，需要与手机或无线播放设备配对连接，步骤如下：

1. 打开扩音器的电源开关，点按“M”键切换到无线播放模式，扩音器自动进入搜索配对状态。
2. 进入手机的“设置”菜单，开启手机的无线播放功能，搜索“TAKSTAR E150W”进行连接，当出现语音提示时，表示无线播放已连接成功。
3. 下次开机后选择到无线播放模式时，如果是已进行过配对，将自动回连最后一次使用的播放设备。

■ 安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失，使用本产品前，请仔细阅读并遵守以下事项：

1. 使用产品时请确认所连设备与本产品是否匹配以及合理调整音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送售后服务网点检修；
3. 消费者若使用电源适配器供电，则应购买配套使用获得CCC认证并满足标准要求的电源适配器；
4. 本产品及附件都应放置在室内干燥通风处，请勿长期存放在潮湿、灰尘多的环境，使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，以免损坏其功能；
5. 若产品需要固定于墙壁或天花板时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
6. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用本产品，以免导致意外事故；
7. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地售后服务网点跟进处理。

■ 关于图标含义和解释



此符号表示，根据WEEE指令(2012/19/EU)和国家法律，由于这种类型的废弃物会有潜在的有害物质，可能对环境 and 人类健康产生负面影响，所以本产品不应与您的家庭垃圾一起处置，应将本产品交由授权的电气和电子设备(WEEE)回收站回收。同时，您在正确处理本产品的同时将有助于自然资源的有效利用。如需了解更多有关您可以在何处放置废物回收设备的信息，请联系您当地的城市办事处、废物管理局或家庭废物处理服务部门。

■ 环保说明

产品中有毒有害物质或元素的名称及含量标识表


部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件	○	○	○	○	○	○
金属部件	×	○	○	○	○	○
电路板组件	×	○	○	○	○	○
线缆	×	○	○	○	○	○

本表格依据SJ/T 11364的规定编制。

○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

×: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

此标志为产品的环保使用期限标志，
且此环保使用期限只适用于产品正常工作的温度和湿度等条件。



■ 关于本说明书

本说明书中内容符合截止印刷之日的技术规格。由于得胜公司会不断改进产品，本说明书可能不符合您的特定产品的技术规格。要获取最新版说明书，请访问得胜官网，然后下载说明书文件。技术规格、设备或另售的附件在各个地区可能有所不同，如有问题请与当地得胜销售网点确认。如需更多支持和深层产品信息，请浏览得胜官方网站：<https://www.takstar.com>

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E150W Wireless Voice Amplifier

■ Preface

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

- UHF wireless technology provides up to 40m range in open environments.
- Wireless headset mic with auto sync function for convenient operation.
- 40-channel adjustability, high/low power modes on wireless headset mic.
- Digital amplification, 10W peak power output.
- Lightweight rare-earth speaker delivers louder, higher-quality audio.
- Supports wireless, USB, and aux input for portable speaker use.
- Long-lasting, eco-friendly lithium-ion battery.
- Stylish design with digital battery/status display.

■ Applications

Teaching, tour guiding, training, and promotions.

■ Package Contents

- 1 × Voice Amplifier
- 1 × Wireless Headset Mic
- 1 × USB-C Charging Cable
- 1 × Shoulder Strap
- 1 × User Manual

■ Specifications

Voice Amplifier

- Frequency Response: 80Hz-12kHz
- Rated Power: 5W
- Peak Power: 10W
- Speaker Impedance: 4Ω
- Battery: 18650 3.7V/2000mA
- UHF Frequency: 630MHz-698MHz (segmented)
- UHF Range: Approx. 40m in open fields
- Operating Voltage: DC 3.7V-4.2V
- Charging: 5V=1A
- Charging Time: Approx. 2-3 hours
- Runtime: Approx. 12 hours
- Charging Port: Type-C
- Wireless Version: V5.3
- Dimensions: 91mm*38mm*106mm
- Weight: Approx. 210g

Headset Microphone

- Transducer: Back electret condenser
- Polar Pattern: Unidirectional
- Frequency Response: 60Hz-16kHz
- Sensitivity: $-50 \pm 3\text{dB}$ (0dB = 1V/ Pa, at 1kHz)
- UHF Frequency: 630MHz-698MHz (segmented)
- UHF Range: Approx. 40m in open fields
- Battery Type: Lithium-ion
- Battery Capacity: 3.7V/400mA

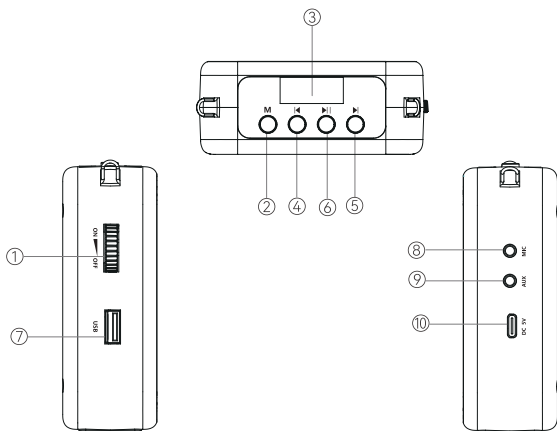
E150W Wireless Voice Amplifier

- Charging: DC 5V/200mA
- Charging Time: Approx. 2 hours
- Runtime: Approx. 5 hours
- Weight: Approx. 39g

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

■ Function Descriptions

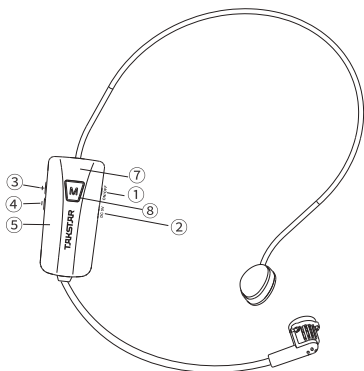
Voice Amplifier



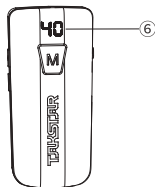
E150W Wireless Voice Amplifier

- ①. Power Switch: Slide the knob to turn the amplifier on ("ON" position) or off ("OFF" position). Adjust the knob towards "ON" to increase the volume and towards "OFF" to decrease the volume.
- ②. "M" Mode Switch Button: Press this button to switch between different operating modes. Voice prompts will accompany the mode changes. (Long-press this button when a USB drive and mic are connected to enter recording mode. Long-press again to exit recording mode and automatically play back the recorded content.)
- ③. Digital Display: Shows current mode, battery level. Battery icon "🔋" indicates charge status - flashing when charging, full when charged.
- ④. Previous Track Button: In wireless playback or USB playback mode, press to switch to the previous track.
- ⑤. Next Track Button: In wireless playback or USB playback mode, press to switch to the next track.
- ⑥. Play/Pause Button: Press to control music playback and pause; in wireless playback mode, long-press to disconnect the wireless connection.
- ⑦. USB Port: Insert a USB drive with MP3 or WAV audio files to play them back. Avoid using other file types to prevent recognition issues or potential device damage.
- ⑧. MIC Jack: Insert a Ø3.5mm wired mic for voice amplification. Position the mic away from the speaker to prevent feedback or howling during use.
- ⑨. AUX Input Port: Connect your phone, computer, tablet, or other playback devices using a Ø3.5mm audio cable to use as a mini speaker.
- ⑩. Charging Port: Connect the device to a power adapter using the Type-C charging cable for charging.

Wireless Headset Microphone



Headset microphone



Display screen

- ①. Power Switch: Toggle to "ON" to power on; "OFF" to power off.
- ②. Charging Port: Insert Type-C cable here, connecting the other end to a USB charger for charging.
- ③. "+" Button: Press to increase mic volume; in pairing mode, press to switch to the previous channel, long press for fast channel jump.
- ④. "-" Button: Press to decrease mic volume; in pairing mode, press to switch to the next channel, long press for fast channel jump.
- ⑤. Indicator Light: Off when powered off and not charging; solid blue when on; solid blue when battery is sufficient; blue blinking when battery is low; solid red during charging, red off when fully charged.
- ⑥. LED Display: Shows current channel, mic volume, and power status.
- ⑦. Working Channel/Mic Volume: Displays current channel (01-40); shows volume level (U1-U9) when volume buttons are pressed. Screen auto-off after 10 seconds of inactivity.

E150W Wireless Voice Amplifier

- ⑧. "M" Frequency Switch: For adjusting frequency. Refer to "Pairing Process" for details.
- ⑨. Power Level Switch:
 - Low Power: Press "M" and "-" together; display shows "E0".
 - High Power: Press "M" and "+" together; display shows "E1".
 - Low power range: ~10m; high power range: ~40m.

■ Operating Instructions

I. Operating Guide

The product comes pre-paired from the factory, so the devices will automatically connect when powered on, with no further pairing required. However, if you encounter signal interference, you can re-pair the devices or change the frequency channel using the following steps.

1. Pairing Process

- ① Ensure the headset mic and amplifier are both powered off. Turn on the headset mic power switch, then press and hold the "M" button for 3 seconds until the display begins cycling. Immediately after, power on the amplifier. Once the mic display stops cycling and shows a static channel number, and you can hear sound from loudspeaker when speaking into the mic, the pairing is successful. If the amplifier is not powered on within 10 seconds, the pairing will fail.
- ② If you do not hear sound when speaking into the headset mic, the pairing was unsuccessful. Repeat the steps above to re-pair the devices.

E150W Wireless Voice Amplifier

2. Changing Frequency

- ① With the amplifier and headset mic successfully paired, briefly press the "M" button on the headset to enter frequency adjustment mode. The channel number on the display will begin flashing.
- ② Press the volume "+" or "-" buttons on wireless headset mic to cycle through frequency channels up/down. You can also press and hold to quickly scroll through the channels.
- ③ Press the "M" button again to confirm the selected frequency. If no button is pressed for 3 seconds, the flashing will stop and the current frequency will be set.

3. Using Multiple Units

- ① Pair each unit individually following the above Pairing Process.
- ② Then, use the frequency changing method to set each unit to a different frequency channel to avoid interference when using multiple units simultaneously.

II. Wireless Playback Pairing

To pair the device with a smartphone or wireless playback device for the first time, follow these steps:

1. Long press the power button to turn on the amplifier, then press the "M" button to switch to wireless playback mode. The indicator light will flash red and blue, indicating it is in pairing mode.
2. Go to your smartphone's settings, enable wireless playback, and search for "TAKSTAR E150W" to connect. You will hear a voice prompt confirming the successful connection.

3. On subsequent power-ups, when selecting wireless playback mode, the device will automatically reconnect to the last used playback device if previously paired.

■ Safety Instructions

To avoid electric shock, overheat, 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. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
 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.

■ Label Meanings



This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>

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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。
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6. 以上保修条款仅限于中国市场适用 (不含港澳台地区)。

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