

# TAKSTAR® 得胜



E188mini W

## 无线扩音器

Wireless Amplifier

使用手册 | User Manual

# E188mini W 无线扩音器

## ■ 前言

尊敬的用户：

感谢您选购得胜E188mini W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

- 一款体积小巧轻便的MINI型扩音器；
- 采用稀土材料扬声器，重量更轻，音质更好，声音更大；
- 采用UHF无线技术，在无干扰、无障碍下使用距离约40米；
- 可调频，40个精选频道，支持多套扩音器同时使用；
- 具有无线播放功能，不受线材束缚，播歌更方便；
- 内置2000mAh锂电池，支持Type-C快充，续航可达8小时；
- 数字MCU智能充电管理系统，防过充保护，使用安全可靠；
- 时尚外观设计，具有肩挂及腰挂等多种佩戴方式，使用更方便。

## ■ 适用范围

适用于教学、导游、培训、促销等场合

## ■ 标准配置

- E188mini W 扩音器 1台
- 无线头戴麦克风 1个
- Type-C充电线 1条
- 腰带 1条
- 背扣 1个
- 说明书 1份

## ■ 技术参数

### 主机参数 (扩音器)

- 频率响应: 80Hz-12KHz
- 峰值功率: 8W
- 扬声器阻抗: 4Ω
- 工作电压: DC 3.5-4.2V
- 电池规格: 3.7V/2000mAh
- 充电规格: DC 5V/1A
- 充电时间: 约2小时
- 使用时间: 约8小时
- 无线连接版本: 5.0以上
- 产品规格: 85\*85\*29mm
- 充电方式: Type-C
- 单机重量: 约150g

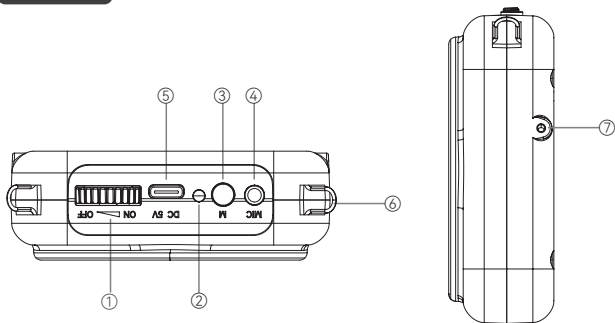
### 发射器 (头戴麦克风)

- 拾音器: 背极式驻极体
- 指向性: 单指向
- 频率响应: 60Hz-16KHz
- 灵敏度:  $-47\pm 3\text{dB}$   
( $0\text{db}=1\text{V/Pa/m}$  at 1kHz)
- UHF频率: 630MHz-890MHz (分段)
- UHF使用距离: 空旷地带40米
- 电池类型: 锂离子电池
- 电池容量: 3.7V/400mAh
- 充电规格: USB 5V/200mA
- 充电时间: 约2.5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!

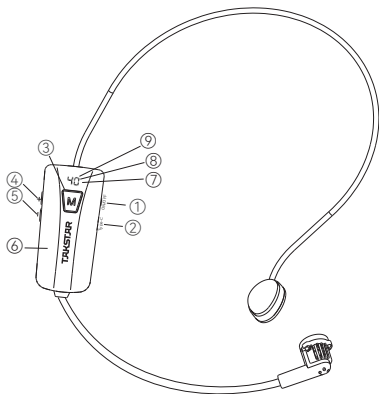
## ■ 功能示意

### 扩音器主机



- ① 电源开关: 向“ON”方向拨动旋钮, 听到“哒”一声, 表示扩音器已通电并进入人声扩音状态, 此时电源指示灯亮蓝灯, 继续向“ON”方向拨动声音逐渐增大; 反之向“OFF”方向拨动则声音逐渐减少, 直至听到“哒”一声关机。
- ② 指示灯: 电量充足时, 指示灯常亮蓝灯; 低电状态时红灯闪烁, 请及时为扩音器充电; 充电过程中, 指示灯常亮红灯, 充满后蓝灯常亮。无线播放搜索配对状态下, 指示灯蓝灯快闪, 配对成功后, 蓝灯恢复常亮。
- ③ “M”模式切换键: 开机状态下, 短按该按键可切换工作模式, 并伴有相应的语音提示。
- ④ MIC输入接口: 将有线麦克风插头插入此孔, 进入有线人声扩音状态。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。
- ⑤ 充电接口: 通过连接Type-C充电线为扩音器充电。
- ⑥ 挂扣: 用于安装肩带, 可将扩音器斜挂于肩上使用。
- ⑦ 背扣孔: 用于安装背扣将扩音器扣于腰带或裤腰上使用。

### 头戴麦克风



- ① 电源开关: 拨动开关至“ON”位置时开机, 拨开关至“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 “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。
- ④ “+”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。
- ⑤ “-”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。
- ⑥ 指示灯: 关机未充电时, 指示灯熄灭; 开机时长亮蓝灯; 电量充足时, 指示灯长亮蓝灯; 电量不足时, 指示灯闪烁蓝灯; 充电过程中, 红灯长亮, 充满后红灯熄灭。
- ⑦ 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。

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- ⑧ 工作频道/麦克风音量大小: 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“+”、“-”键时, 则显示音量大小, 有“U1-U9”共9级音量, 3秒后回复正常数值; 10秒后无任何操作, 显示屏将自动熄灭。
- ⑨ 高低功率切换: 同时点击“M”按键和“-”按键为低功率, 同时显示屏会显示低功率的提示“E0”, 同时点击“M”按键和“+”按键为高功率, 同时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、对频方法

产品出厂时已默认配对好, 开机自动连接, 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, 显示屏循环转圈时松开, 此时立刻打开扩音器电源开关, 等待麦克风的显示屏从转圈变为静态数值, 对着麦克风说话有声音, 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, 请按上面方法重新配对。

#### 2. 变频方法

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, 此时点按音量“+”、“-”切换上、下频率, 或长按快速跳转频道, 再点按“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。

## 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. 先打开扩音器电源开关，点按“M”键切换成无线播放模式，此时指示灯蓝灯快闪，表示扩音器正在搜索配对状态。
2. 进入手机的“设置”菜单，开启手机的无线播放功能，待搜索到“TAKSTAR E188mini W”，点击“TAKSTAR E188mini W”进行连接，待指示灯蓝灯从快闪变为常亮并伴有语音提示时，表示无线播放已连接成功。
3. 下次开机后点按“M”键选择到无线播放模式下，如果是已有连接过无线播放功能，则自动回连最后一次使用的播放设备，同时伴有提示音。

## ■ 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. 本产品及配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；

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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。


## ■ 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。



## ■ 关于图标含义解释



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。



## ■ 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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### 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）。

## 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

◆广东得胜电子有限公司 ◆电话：400-6828-333 ◆地址：广东省惠州市博罗县龙溪街道富康一路2号

## ■ Preface

Dear Customer,

Thank you for purchasing Takstar E188mini W Wireless Amplifier. To better understand and use the product, please read this manual thoroughly.

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

## ■ Features

- Compact and lightweight mini wireless voice amplifier.
- Rare earth material speaker for lighter weight, better sound quality, and louder volume.
- UHF wireless technology with a 40-meter range in interference-free conditions.
- Adjustable frequency with 40 channels, for using multiple amplifiers simultaneously.
- Wireless playback function for convenient music listening without wiring hassles.
- Built-in 2000mAh li-ion battery, supports Type-C fast charging for up to 8-hour playtime.
- Digital MCU smart charging management system with overcharge protection.
- Stylish design with multiple wearing options for enhanced convenience.

## ■ Applications

Teaching, guiding, training, and promotional activities.

### ■ Package Contents

- E188mini W Voice Amplifier 1PC
- Type-C Charging Cable 1PC
- Belt Clip 1PC
- Wireless Headset Mic 1PC
- Strap 1PC
- User Manual 1PC

### ■ Specifications

#### Voice Amplifier

- Frequency Response: 80Hz-12KHz
- Peak Power: 8W
- Speaker Impedance: 4Ω
- Operating Voltage: DC 3.5-4.2V
- Battery Specifications: 3.7V/2000mAh
- Charging Specifications: DC 5V/1A
- Charging Time: Approx. 2 hours
- Usage Time: Approx. 8 hours
- Wireless Version: 5.0 or above
- Dimensions: 85\*85\*29mm
- Charging Method: Type-C
- Weight: Approx. 150g

## E188mini W Wireless Amplifier

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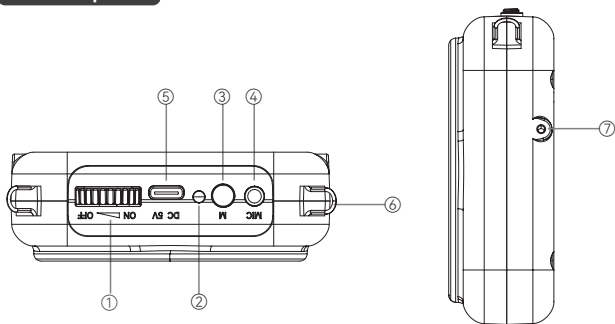
### Transmitter (Headset Microphone)

- Transducer: Back Electret Condenser
- Polar Pattern: Unidirectional
- Frequency Response: 60Hz-16kHz
- Sensitivity:  $-47\pm 3\text{dB}$  ( $0\text{dB}=1\text{V}/\text{Pa}/\text{m}$  at 1kHz)
- UHF Frequency: 630MHz-890MHz (segmented)
- UHF Range: Approx. 40 meters in open areas
- Battery Type: Lithium-ion battery
- Battery Capacity: 3.7V/400mAh
- Charging Specs: USB 5V/200mA
- Charging Time: Approx. 2.5 hours
- Usage Time: 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

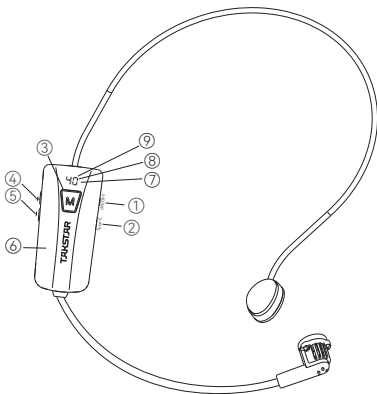


- ① Power Switch: Rotate the knob towards ON until you hear a click to power up the amplifier into voice amplification mode. The power indicator will light up blue. Continue rotating towards ON to gradually increase the volume. Rotate towards OFF to gradually decrease the volume and eventually power off the device when you hear a click.
- ② Indicator Light: Solid blue when power is sufficient; red flashes if low power and requires charging timely; solid red while charging and turns solid blue when fully charged. Rapid blue flashes when searching for device to pair in wireless playback mode, and resumes solid blue when paired successfully.
- ③ M Mode Switch Button: When powered on, short press to switch between different work modes, accompanied by corresponding voice prompts.

## E188mini W Wireless Amplifier

- ④ MIC Input Interface: Insert a wired mic to start wired voice amplification. During operation, please ensure that the pickup side of the mic is not facing the speaker of the voice amplifier to avoid feedback.
- ⑤ Charging Port: Connect the Type-C charging cable to charge the amplifier.
- ⑥ Strap Hook: Used for attaching a shoulder strap to wear the amplifier on the shoulder.
- ⑦ Belt Clip Socket: Used for attaching a belt clip to secure the amplifier to a waistband or waist belt.

### Headset Microphone



- ① Power Switch: Toggle switch to ON or OFF to power on or off respectively.
- ② Charging Port: Connect to a Type-C cable with a power adapter for charging.

## E188mini W Wireless Amplifier

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- ③ M Button: Used for changing frequency, refer to “Pairing Method” section for details.
- ④ [+] Button: Press to increase mic volume. In pairing mode, press or long press to gradually/rapidly change to previous channels.
- ⑤ [-] Button: Press to decrease mic volume. In pairing mode, press or long press to gradually/rapidly change to next channels.
- ⑥ Power Indicator: Light's off when the power is off and not charging; lights up solid blue when powered on and power is sufficient; flashes blue if low power; illuminates red while charging and goes off when fully charged.
- ⑦ LED Display: Display info such as working channel, mic volume and power setting.
- ⑧ Working Channel/Mic Volume: Display the current operating channel by default; 40 working channels in total, “01-40”. Volume level is displayed for 3s when you press volume [+] / [-] button, 9 levels in total, “U1-U9”. LED display goes off automatically after 10s without any operation.
- ⑨ High/Low Power Switch: Press both [M] and [-] buttons at the same time to switch to low power, LED display shows E0; or press both [M] and [+] to switch to high power, LED display shows E1. (Use distance is around 10m when set to low power, or around 40m when set to high power)

## ■ Operating Instructions

### I. Frequency Pairing

The product is pre-paired and will automatically connect upon power on. No pairing is required. If you encounter signal interference, you can follow the steps below to re-pair or change frequencies.

#### 1. Pairing Method

① First, power off both the headset mic and the amplifier. Next, power up the headset mic, long press mic [M] button for 3s until its LED display shows a circle. Then, immediately power up the amplifier, wait until the headset mic's LED circle changes into a static number. Talk towards the mic to test if your voice is amplified and if pairing is successful. If the amplifier is not powered on within 10s after the mic enters pairing mode, the mic will exit pairing mode and its LED circle will change back to a static number.

② No sound when talking to the headset mic means the pairing is not successful, please retry.

#### 2. Changing Frequency

Make sure that the headset mic and the amplifier are already paired, then power up both devices at the same time. Press the mic [M] button to change frequency, and the channel number on headset LED display will flicker. Then, press or long press volume [+]/[-] button to cycle through frequency gradually/rapidly, and press [M] again to confirm frequency, or leave it auto confirmed after 3s idleness.

### II. Wireless Playback Pairing

Upon first use, you need to connect this device to your phone or Bluetooth device for wireless playback, following below steps:



## E188mini W Wireless Amplifier

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1. Power up the amplifier, press the [M] button to switch to wireless playback mode and start pairing, the function indicator will flash blue rapidly.
2. Enter SETTINGS menu on your phone, find and enable wireless function, wait until "TAKSTAR E188mini W" is discovered and tap on it to connect. When connected successfully, the function indicator will stay solid blue and there will be a voice prompt about wireless connected.
3. The next time you switch to wireless playback mode, the amplifier will automatically connect to the previously paired device, accompanied by a voice prompt.


### ■ 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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