

尊敬的用户：

感谢您选购TAKSTAR E190M无线版便携式数字扩音器，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。

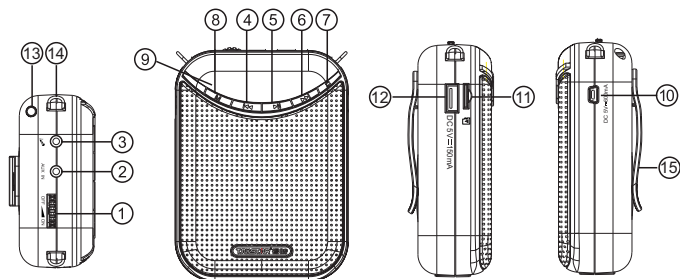
若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线 400 6828 333 或使用微信扫描二维码关注得胜官方公众号与我们联系。



产品特性

- 采用PO²数字功率合成技术，提供高达10W的音频功率输出
- 选用稀土材料扬声器，重量更轻、音质更好、声音更大
- 具有音乐播放功能，支持U盘、TF储存卡的多媒体音频文件播放
- LED高亮度数码显示屏，直观掌控播放状态
- 具有一键录音功能，可录制MIC语音及FM广播电台
- 支持FM广播接收，全自动搜索和保存电台
- 内置大容量锂电池，以及MCU充电管理系统，使用安全可靠，充电只需5小时，使用时间可达8-12小时
- 产品符合人体工学原理设计，造型新颖，外观时尚，使用舒适

控制面板功能示意图

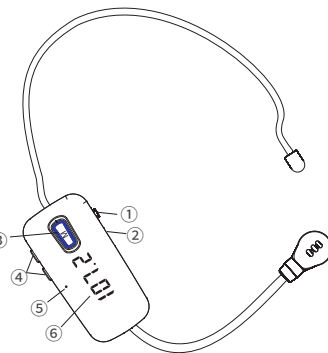


- ① 电源开关：向ON方向转动旋钮，听到“滴”一声，此时LED数码显示屏⑨显示“Lod”，表示扩音器已通电并进入扩音状态。继续向左转动旋钮声音越大，反之，声音越小直至关机
- ② AUX IN 输入插孔：用 Ø3.5mm 连接线，将DVD、MP3等音乐信号导入本扩音器中，做为有源音箱使用
- ③ MIC IN 输入插孔：将头戴式麦克风插头插入此孔，进入扩音状态
- ④ 上一曲按键⏮：在MP3播放状态时，短按此键为上一曲，长按此键可快退当前播放的曲目；在FM播放状态时，短按此键可选上一个频道，长按此键可半自动搜台
- ⑤ 播放/暂停按键⏸：短按此键可控制MP3、FM、录音的播放与暂停。在MP3播放时，长按此键可以快速读取录音文件；在FM播放时，长按此键进入全自动搜台
- ⑥ 下一曲按键⏭：在MP3播放状态时，短按此键为下一曲，长按此键可快进当前播放的曲目；在FM播放状态时，短按此键可选下一个频道，长按此键可半自动搜台
- ⑦ 音乐循环按键：按此键设定与取消当前音乐曲目的循环播放状态
- ⑧ 功能切换按键：短按此键可切换MP3模式、FM模式及“Lod（扩音）”模式；长按此键进入录音模式，重复操作可保存退出录音模式。
录音操作：在FM模式下长按此键可录制当前播放的FM内容；在MP3模式下长按此键可录制MIC语音。（录音操作只能在FM或MP3模式下进行）
- ⑨ LED数码显示屏：可显示当前的工作状态及电池电量显示。当电池电量标识“BAT”闪烁时，表示电池低电压，此时应及时充电，以确保本机正常运作
- ⑩ 充电输入插孔：将USB充电线插入此孔，另一端连接通用的USB输出充电器（如手机充电器、电脑USB接口等），即可对电池进行充电
- ⑪ TF卡插口：根据示意图的插卡方向插入TF内存卡，插入时，听到“嗒”一声，表示已安装到位并将其锁住；取卡时只要将卡往下按，听到“嗒”一声，TF内存卡会自动弹出来
- ⑫ USB移动内存插孔：可支持大容量U盘
- ⑬ 天线
- ⑭ 肩挂扣
- ⑮ 背扣：安装时，把背扣对准机壳的扣位方向按下，顺时针转动背扣，可以把背扣固定在机壳上，反之，逆时针转动背扣即可取出

FM无线头戴麦克风示意图

- ① 电源开关：向ON方向推动，蓝灯⑤亮，数码显示屏⑥显示频率，表示头戴已经进入开机状态；
- ② 5V充电插口：将USB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，充电指示灯红灯亮；

- ③ 功能切换按键：点按此键切换频率调节模式与音量调节模式，使用过程中，无操作状态时会在8秒后自动关闭显示屏，按+/-键即可唤醒，唤醒时默认音量功能，可调节音量大小；
- ④ 频率/音量键+/-键：频率调节模式下，点按+/-调节FM频率；音量调节模式下，点按+/-键调节麦克风音量；
- ⑤ 电源指示灯：工作状态时，常亮蓝灯；充电时常亮红灯，充满后红灯灭；
- ⑥ 数码显示屏：显示当前FM频率或麦克风音量大小。



使用说明

1. 打开FM无线头戴麦克风电源开关，此时显示屏显示当前FM频率，可通过频率/音量+/-键调至任意频率；
2. 将头戴麦克风正确的佩戴在头部，并调整好麦克风的拾音角度（建议拾音距离1-2cm）；
3. 打开扩音器电源开关，拉出天线，将切换到FM收音工作状态，并调整到适当的音量；
4. 长按扩音器“播放/暂停按键”进入全自动搜台，搜索完成后，通过“上一曲/下一曲”切换到FM无线头戴麦克风当前频道即可正常扩音。

注意事项

为避免电击、过高温、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，请仔细阅读并遵守以下事项：

1. 使用产品时请确认所连接设备与本产品功率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，以免造成产品异常和耳朵听力损伤；
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，然后将产品送经销商检修；
3. 本产品及配件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境，使用中避免靠近裸露火源、碰到液体物质、雨淋、产品进水、过度碰撞、抛掷、振动本机及覆盖通风孔，以免损坏其功能；
4. 若产品需要固定于墙壁或天花板上时，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；
5. 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机，以免导致意外事故；
6. 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经销商跟进处理；
7. 本产品适用的海拔及气候条件由选用的供电设备决定。

技术参数

- 频率响应：80Hz-12KHz
- 额定输出功率：6W
- 峰值输出功率：10W
- 扬声器阻抗：4Ω
- 工作电压：3.7V
- 电池规格：3.7V锂离子电池
- 充电器规格：DC 5V=600mA
- 主机使用时间：8-12小时
- 充电时间：约5小时
- TF卡：支持到16G
- 媒体格式：MP3、WAV、WMA
- 发射调制方式：FM调频
- 发射频率范围：87MHz-108MHz
- 发射充电时间：<4小时
- 发射使用时间：≥10小时
- 使用距离：15m（空旷无障碍）

标准配置

扩音器（数码播放器）	1台
HM-100W头戴麦克风	1个
Micro USB充电线	1条
Mini USB充电线	1条
背扣	1个
肩带	1条
说明书	1份

适用场合

· 教学、导游、宣传、参观、晨练健身等场合扩音

版本：V1



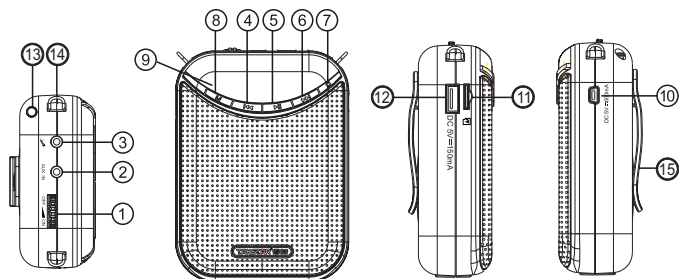
Dear Customer,

Thank you for purchasing TAKSTAR E190M wireless portable digital 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

- PO² digital power synthetic technique, 10W output power
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function, supports the multimedia audio files play of USB disk and TF card
- High brightness digital LED display for controlling the working status intuitively
- Recording function controlled by one button, supports microphone and FM broadcasting content recording
- Built-in FM function to search and save the radio stations automatically
- Built-in high capacity lithium-ion battery and MCU intelligent recharging management system for secure recharge/discharge, 5 hours fast recharging time and long play time up to 12 hours
- Ergonomic design, unique and fashionable contour, comfortable operation

Control panel function

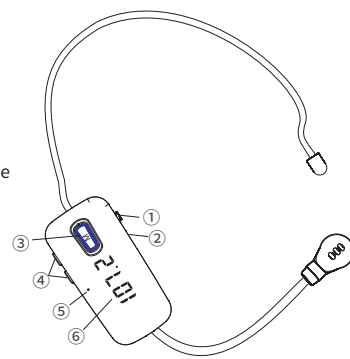


- ① Power Button: rotate the knob to the ON position until a “di” sound, the LED digital display will indicate “LOD”, it means the amplifier is turned on and enter into the amplifying status, continue rotating the knob to the left, the more, the louder. Conversely, the smaller the sound is until it turns off.
- ② AUX IN Input Socket: connect DVD / MP3 music signal with the Ø3.5mm connecting cable to the amplifier, used as an active speaker.
- ③ MIC IN Input Socket: insert the headset microphone plug into this port for amplifying.
- ④ Previous Song Button ◀◀: short press this button under MP3 play mode for the previous song. Long press for fast backward the current playing song. Short press for the previous channel under the FM broadcasting mode. Long press this button for automatic station searching.
- ⑤ Play/Pause Button ▶▶: short press this button to control the MP3, FM, recording's play and pause. Long press this button for fast playing the audio file under MP3 play mode; when FM is broadcasted, long press this button for automatic station searching.
- ⑥ Next Song Button ▶▶: short press this button for the next song under MP3 play mode. Long press for fast forward the current playing song. Short press for the next channel under the FM broadcasting mode. Long press for semi-automatic station searching.
- ⑦ Music Repeat Button: press this button to confirm or cancel the current music repeat play mode.
- ⑧ Function Switching Button: short press this button for MP3, FM or “Lod” (amplifying) mode switchover. Long press this button to enter the recording mode, repeat the operation to save the recording and exit recording mode.
REC: long press this button to record the current FM broadcasting content under FM mode. Long press this button for MIC voice recording under MP3 mode. (Recording function can only be operated under FM and MP3 mode)
- ⑨ LED Display: display the current working status and the battery level. When the battery sign is glittering, it means battery level is low and should be recharged in time to ensure the amplifier is working properly.
- ⑩ Recharging Socket: connect one end of USB recharging cable with this socket, and the other end with USB charger output (e.g. cell phone charger, PC USB interface) to recharge the battery.
- ⑪ TF Card Slot: insert a TF memory card according to the indicated direction, the card is fixed properly and locked till a “da” sound. To take out the card, press down the card till a “da” sound, the TF memory card will pop up automatically.
- ⑫ USB interface: it supports large capacity U disk.
- ⑬ Antenna
- ⑭ Hanging Buckle
- ⑮ Belt clip: when installed, put the belt clip align with the housing buckle, press and clockwise rotate the belt clip to fasten it on the housing. Conversely, counterclockwise rotate it to unfasten.

FM wireless headphone microphone

- ① Power switch: turn it to ON direction, and blue LED ⑤ lights up. The digital display ⑥ show frequency. This means the headset is turned on.
- ② 5V recharging port: connect one end of USB recharging cable with this port, and the other end with USB charger output to recharge. The recharging LED lights up red.

- ③ Function switching button: press this button to switch frequency adjusting mode and volume adjusting mode. If there is no operation after 8 seconds, the display screen automatically lights off. Press +/- button to lights up the display screen. When the display screen lights up, it defaults to adjust the volume can be adjusted to a high or low level.
- ④ Frequency/volume +/- button: in frequency adjusting mode, press +/- button to adjust FM frequency. In volume adjusting mode, press +/- button to adjust microphone volume.
- ⑤ Power LED: during operation, it lights up blue. During recharging, it lights up red. After being recharged fully, it lights off.
- ⑥ Digital display: it shows the current FM frequency or microphone volume level.



Operation

1. Turn on the power switch of FM wireless headphone microphone. At this time, the display shows FM frequency. Adjust frequency/volume +/- button to adjust the frequency.
2. Wear the headphone correctly, and adjust the pickup angle (it is recommended 1-2cm away).
3. Turn on the power switch of amplifier, and pull out the antenna. Switch to FM operation status and adjust to proper volume.
4. Keep pressing play/pause button of the amplifier for automatic searching. After the searching, press previous/next button to switch to the current channel for audio reinforcement.

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. 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 fire, 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.
7. The applicable altitude and climate condition of this product is subject to the power supply equipment.

Specification

- Frequency Response: 80Hz-12KHz
- Rated Output Power: 6W
- Peak Output Power: 10W
- Speaker Impedance: 4Ω
- Operation Voltage: 3.7V
- Battery Specification: 3.7V Li-ion battery
- Charger Specification: DC 5V=600mA
- Amplifier Operation Time: 8-12h
- Charging Time: approximate 5h
- TF Card: max 16G
- Media Format: MP3, WAV, WMA
- Wireless Microphone Modulation: FM
- Microphone Frequency Range: 87MHz-108MHz
- Microphone Charging Time: <4h
- Microphone Operation Time: ≥10小时
- Operation Range: 15m (open area)

Product Content

Amplifier (digital player)	1pc
HM-100W headphone	1pc
Micro USB charging cable	1pc
Mini USB charging cable	1pc
Belt clip	1pc
Shoulder strap	1pc
User manual	1pc

Application

- reinforcement in teaching, tour guide, propaganda, visiting, morning exercise

Version: V1