



口琴无线麦克风

HARMONICA WIRELESS MICROPHONE

WHM-24A/16A/10A

使用手册

User Manual

WHM-24A/16A/10A 口琴无线麦克风

尊敬的用户：

感谢您选购得胜WHM-24A/16A/10A无线口琴麦克风，为了您能够更好的了解使用本产品，建议您在购买前仔细阅读本说明书。
若存在有任何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

1. 采用特有隐藏式的长条状拾音器；
2. 采用磁吸式结构，安装拆卸方便；
3. 便于口琴专业技巧“哇……”音的发声，此优势是动圈麦克风无法实现的；
4. 声学结构采用专业的平衡技术设计，可将口琴的低中高频频率的声音均衡地拾取；
5. 采用多颗拾音器同时工作的技术；
6. 电路设计采用平衡混合技术，特有的阻抗匹配，达到了高保真效果；
7. 拾音原理采用了低增益高声压级的连接方案，提高了最大声压级的级别；
8. 手机伴奏音乐与口琴演奏声乐曲同时无线发送；
9. 采用UHF低功耗无线技术，抗干扰能力强，传输距离40米以上；
10. 先进的射频干扰（RFI）屏蔽技术，隔离手机信号的干扰。

■ 适用范围

口琴演奏

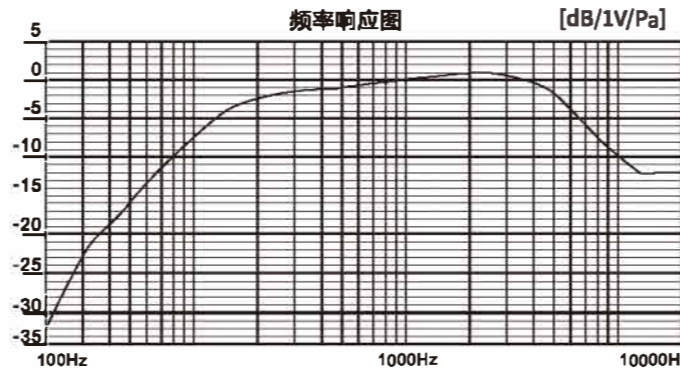
■ 标准配制

麦克风.....	1支
发射器.....	1个
接收器.....	1个
充电线.....	1个
转换接头.....	1个
长引磁片.....	2个
短引磁片.....	4个
手腕带.....	1个

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■ 技术参数

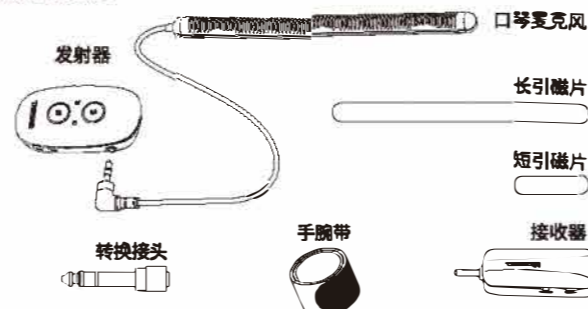


单元类型：背极式驻极体
指向性：双指向
频率响应：60~16KHz
灵敏度：-69±3dB
充电方式：DC 5V/100mA
工作电压：DC 3-4.5V
频率范围：630MHZ-890MHZ(分段)

U段传输距离：约40m（室外空旷无障碍环境）
电池规格：聚合物锂电池300mAh 3.7V
充电时间：<2小时
续航时间：约3小时
重量：24g（WHM-24A），19g（WHM-16A），13g（WHM-10A）

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

■ 麦克风示意图



■ 连接说明

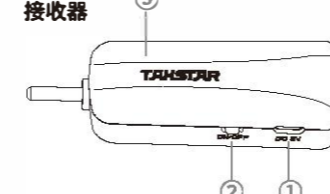
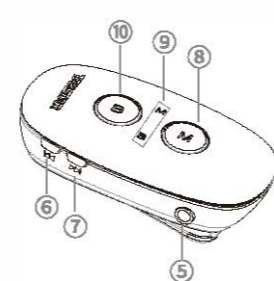
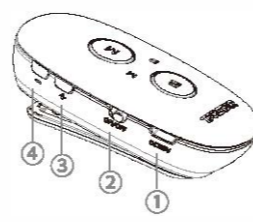
1. 口琴麦克风与发射器连接
2. 接收器与音频输出设备连接

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WHM-24A/16A/10A 口琴无线麦克风

■ 按键介绍

发射器



- ①5V充电槽口：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，充电时红灯亮；
- ②电源开关：向ON方向推动，蓝灯亮，表示发射器/接收器已经进入开机状态；向OFF方向推动，蓝灯熄灭，表示发射器/接收器已经进入关机状态；
- ③音量键+：点按逐级增加音量；
- ④音量键-：点按逐级减小音量；
- ⑤3.5mm音频插口：将口琴麦克风插头插入此孔与发射器连接；此插口也可用于接入其他的前端音频信号，如手机、电脑等；
- ⑥无线音量键+：长按逐级增加音量，点按下一曲；
- ⑦无线音量键-：长按逐级减小音量，点按上一曲；
- ⑧频道切换键：点按切换频道，长按进入配对模式；
- ⑨指示灯：有红、绿、蓝三个指示灯；
- ⑩无线功能键：长按2秒无线状态打开/关闭。

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■ 使用说明

1. 配对连接：先打开发射器电源开关②，长按频道切换键⑧直到蓝灯慢闪状态时发射器进入配对模式，打开接收器电源开关②，将自动配对连接；发射器与接收器蓝灯常亮即配对成功；
2. 频道调节：已配对成功的设备，如2个以上设备（最多40个设备）同时使用时，必须进行频道调节操作。频道切换键⑧每点按一次切换至下一个频道（共40组频道可循环切换），接收器会自动匹配新频道；
3. 音量键+/-：按音量键“+”③/音量键“-”④则加大/减小总音。音量调到最大或最小时，蓝灯将闪烁4次表示音量已调到最大或最小；
4. 指示灯：定时时，接收器蓝灯慢闪；工作状态时，蓝灯常亮；低电时，蓝灯快闪；充电时，红灯常亮，充满电后红灯熄灭；
5. 无线连接：长按无线功能键⑩打开蓝牙状态，绿灯快闪，表示蓝牙状态已打开，但尚未连接；打开手机蓝牙与TAKSTARW211配对连接，绿灯常亮，表示蓝牙已连接成功；打开手机播放音乐，绿灯慢闪，表示正在播放音乐；长按无线功能键⑩关闭蓝牙状态，绿灯灭，表示蓝牙状态已关闭；
6. 引磁片：将引磁片上的背胶撕开后与口琴盖板紧贴，再将口琴麦克风底部凹槽对准引磁片被吸附到口琴上；
7. 手腕带：可戴在手腕上，将发射器上的夹子夹在手腕带上面固定，方便口琴演奏时使用；
8. 转换接头：根据需求使用，插入口琴麦克风上的3.5mm插头即可。

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扫一扫，了解更多信息
Scan for more product information

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WHM-24A/16A/10A HARMONICA WIRELESS MICROPHONE

Dear Customer,
Thank you for purchasing TAKSTAR WHM24A/16A/10A harmonica wireless microphone. 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. Unique concealed strip cartridge
2. Magnet design for convenient installation
3. Conveniently for harmonica professional Wah sound; This is the advantage which dynamic microphone can not achieve
4. Balance acoustic design for picking up high/mid/low frequency sound
5. Multiple cartridges operate simultaneously
6. The circuit of balanced mixing technology and unique impedance for Hi-Fi sound
7. Low gain high SPL picking up promotes the max SPL level
8. Cell phone accompaniment music and harmonica sound transmitted via simultaneously
9. UHF low power consumption, high anti-interference capability, more than 40m transmission range
10. Advanced RFI shield technology to isolate cell phone signal interference

■ Application

Harmonica performance

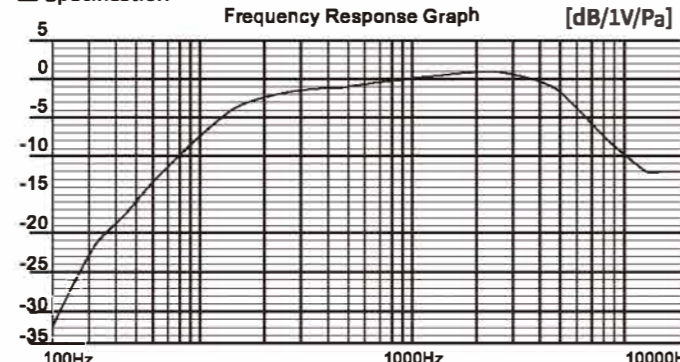
■ Product content

Harmonica microphone.....	1PC
Transmitter.....	1PC
Receiver.....	1PC
Charging cable.....	1PC
Adapter.....	1PC
Long magnet sheet.....	2PC
Short magnet sheet.....	4PC
Wrist strap.....	1PC

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■ Specification

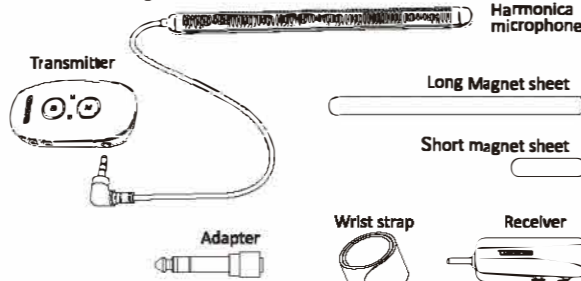


Cartridge: back electret
Polar Pattern: bidirectional
Frequency Response: 60Hz-16KHz
Sensitivity: -69±3dB
Charging: DC 5V/100mA
Operation Voltage: DC 3-4.5V
Connector: 3.5mm/mono
Frequency Range: 630MHz-890MHz (frequency band)
UHF Transmission Range: approximate 40m (open area)
Battery: Lithium battery 300mAh 3.7V

Charging Time: <2h
Operation Time: approximate 3h
Net Weight: 24g(WHM-24A)
19g(WHM-16A)
13g(WHM-10A)

Note: The above data are obtained by winning laboratory and have the right of final interpretation

■ Microphone diagram



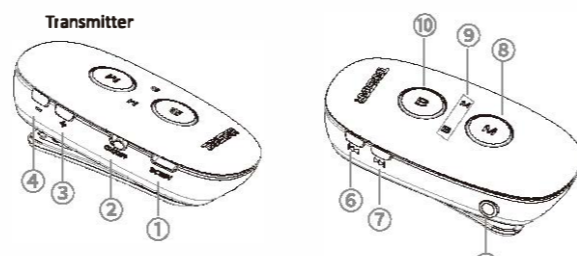
■ Connection

1. Harmonica microphone connects with transmitter
2. The receiver connects with audio output equipment

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WHM-24A/16A/10A HARMONICA WIRELESS MICROPHONE

■ Button introduction



①5V charging port: connect USB charging cable with this port, and the other end USB output charger for charging. The red LED lights up during charging.

②Power switch: set it to ON and blue LED lights up. This means the transmitter/receiver are in ON status, and vice versa.

③Volume +: press it to increase volume.

④Volume -: press it to decrease volume.

⑤Wireless volume +: keep pressing it to increase volume. Press shortly for next song.

⑥Wireless volume -: keep pressing it to decrease volume. Press shortly for previous song.

⑦Channel switching button: press it shortly to switch channel. Keep pressing it for matching mode.

⑧LED: red, green, blue three LEDs.

⑨Wireless function button: keep pressing for 2 seconds to turn on/off the wireless status.

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WHM-24A/16A/10A HARMONICA WIRELESS MICROPHONE

■ Operation

1. Matching connection; turn on the transmitter power switch ②, and keep pressing channel switching button ⑧ till blue LED flashes slowly and transmitter enters into matching mode. Turn on the receiver power switch ② to match. The blue LED of transmitter and receiver keeps light up. This means the matching is successful.
2. Frequency adjustment: for the matched equipments (more than 2, 40 at most), Press channel switching button ⑧. Press Once to enter into the next frequency channel (40 for switching). The receiver will match the new frequency automatically.
3. Volume +/- press "+" ③/ "-" ④ to increase/decrease the volume. When the volume is adjusted to maximum or minimum, the blue LED flashes 4 times.
4. LED: during matching, receiver blue LED flashes slowly. During operation status, the blue LED keeps lighting up. When low power, it flashes quickly. During charging, red LED keeps lighting up. After charging fully, red LED lights off.
5. Wireless connection: keep pressing the wireless function button ⑨ to turn on the Bluetooth. Green LED flashes quickly means the Bluetooth is turned on but not connected. Turn the cell phone Bluetooth to match with TAKSTAR-W211. Green LED keeps lighting up means Bluetooth is connected well. Use the cell phoneto play music. Green LED flashes slowly means playing music. Keep pressing wireless function button ⑨ to turn off the Bluetooth. Green LED lights off means Bluetooth is turned off.
6. Magnet sheet: tear the glue paper on the magnet sheet and put the magnet sheet on the harmonica slot. Put the harmonica microphone on the magnet.
7. Wrist strap: wear it on the wrist. Fix the transmitter clip on the strap for convenient harmonica performance.
8. Adapter: It is used according to the actual requirement. It fits with 3.5mm plug.

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WHM-24A/16A/10A HARMONICA WIRELESS MICROPHONE

■ 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. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
 5. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.
 6. The applicable altitude and climate condition of this product is subject to the power supply equipment.

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WHM-24A/16A/10A 口琴无线麦克风

■ 安全警示

- 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听力损伤；
 2. 使用中若发现异常（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、震动本机及覆盖通风孔，以免损坏其功能；
 4. 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；
 5. 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进行处理；
 6. 本产品适用的海拔及气候条件由选用的供电设备决定。

产品服务保证书

姓名：_____	电话：_____	地址：_____
商号：_____	型号：_____	购买日期：____年__月__日
维修记录 (由经销商填写)	维修人员姓名	日期

得胜捷韵(惠州)电声技术有限公司 电话：400-6828-333
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