

TAKSTAR® 得胜



WPM-400 入耳式无线监听耳机

Wireless In-Ear Monitoring Earphones

使用手册 | User Manual

WPM-400 入耳式无线监听耳机

■ 前言

尊敬的用户：

感谢您选购得胜WPM-400入耳式无线监听耳机，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

- 一款多功能入耳式无线监听耳机，适用于娱乐直播、带货直播、音乐鉴赏等场合
- 直播/TWS双模式、监听/TWS双模式一键切换，操作简便，满足不同场景使用需求
- 采用2.4G无线技术，快速匹配，自动回连，传输距离约10米
- 专业录音监听级别，低延时，音画同步，直播互动更流畅
- 耳机采用入耳式设计，小巧轻便，佩戴舒适，载歌载舞轻松自如
- 充电仓与发射功能合二为一，支持有线、无线两种充电方式，体积小巧，方便携带
- 发射器搭配专用Type-C转Φ3.5mm音频线，方便与声卡、调音台等音频设备连接
- 内置锂电池，持久续航，持续使用时间可达6小时

■ 包装清单

充电发射仓.....	1个
无线耳机.....	2个
充电线.....	1条
音频线.....	1条
耳帽（小、中、大）.....	3对
说明书.....	1份

WPM-400 入耳式无线监听耳机

■ 适用范围

适用于娱乐直播、带货直播、音乐鉴赏等场合

■ 技术参数

充电仓参数

- 电池容量：700mAh
- 有线充电时间：约2小时
- 无线充电时间：约6小时
- 续航能力：4次（双耳充电）
- 充电仓尺寸：65.6*54*32mm
- 充电仓重量：约57g
- 产品工作温度：-10°C-50°C
- 产品储存温度：10°C-50°C
- 输入电压：5V
- 充电电流：445mA（最大充电电流）
- 温控：约55°C自动断开充电

耳机参数

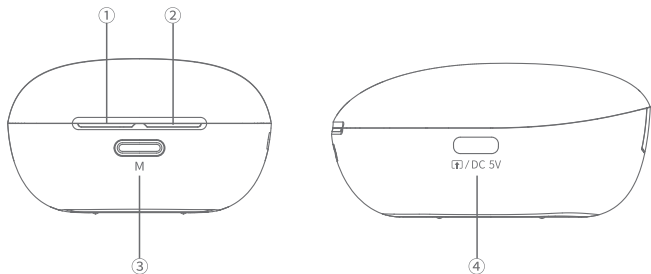
- 电池容量：70mAh
- 频响范围：20Hz-20KHz
- 灵敏度：115dB
- 耳机尺寸：35.75*22.23*20.24mm
- 单耳机重量：约7g
- 传输频率：2.4GHz
- 耳机充电时间：约70分钟
- 充电电压/电流：DC 5V/700mAh
- 产品工作温度：-10°C-50°C
- 产品储存温度：10°C-60°C
- 低延时距离：≥7米
- TWS模式续航时间：在耳机与手机开启连接状态通话时长：约5小时双耳通话连续音乐播放：约7小时（80%的音量）待机时间约120小时
- 直播监听模式续航时间：在与声卡连接状态下连续音乐播放：约6小时（80%的音量）待机时间约7小时

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

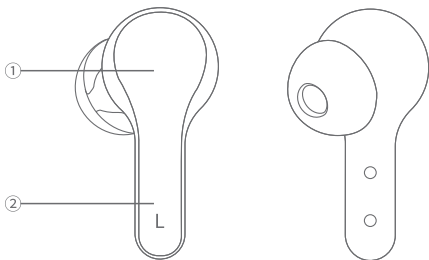
充电发射仓：

- ① 电量模式显示灯：显示电量状态；
- ② 工作模式指示灯：显示TWS配对状态、监听配对状态；
- ③ 模式按键：双击该按键可切换TWS模式或监听模式；
- ④ Type-C接口：通过Type-C充电线为耳机充电；此外还可以通过配备的音频转接线，连接本机与声卡等设备。



耳机接收器：

- ① 触摸区域：用于控制音乐播放状态以及接听、拒听、结束通话等；
- ② 耳机灯点：当耳机上的白色灯点亮3秒即为开机，熄灭后进入配对状态；当耳机上的白色灯点呼吸闪烁时，表示耳机处于低电状态；耳机放入充电仓时默认自动关机，且右耳机上白色灯点亮3秒后熄灭。



■ 使用说明

一、电量检测：

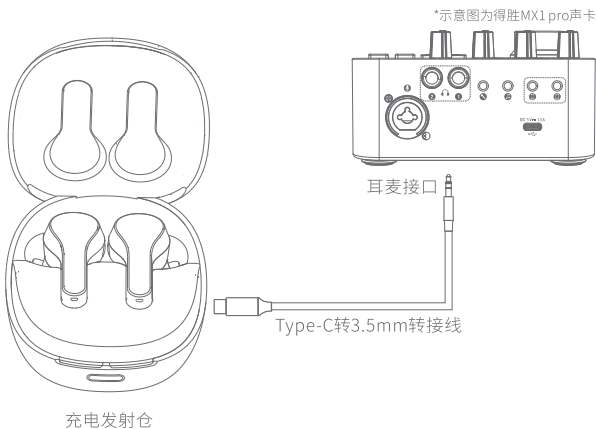
- ① 开盖状态下，左指示灯绿灯常亮3秒，表示耳机和充电仓都处于正常电量；
 - ② 左指示灯红灯常亮3秒时，表示耳机和充电仓至少有一者处于低电量；
- 注：关盖状态下，需单击充电仓按钮查看电量情况。

二、入仓检测：

- ① 左耳机放入时，长亮左边灯显示绿色1秒，然后熄灭；
- ② 右耳机放入时，长亮左边灯显示绿色1秒，然后熄灭；
- ③ 左右耳机同时放入时，长亮左边灯显示绿色两次，各1秒，然后熄灭。

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三、直播监听（如图）：

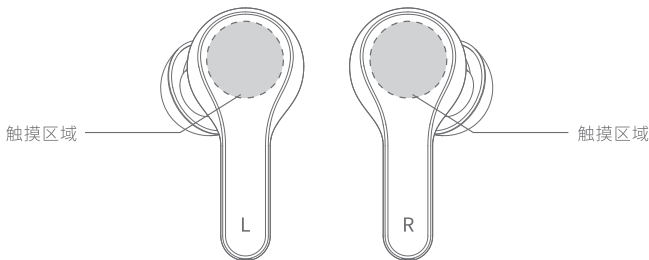


- 1) 使用本机配备的音频转接线，如上图所示，连接本机与声卡设备；
- 2) 首次开盖显示电量后并默认进入监听模式；打开充电发射仓，充电仓右灯蓝灯常亮，取出耳机即可监听使用；
- 3) 具备模式记忆功能，重新开机使用时，默认保持关机前的使用模式。

四、TWS模式/直播监听模式切换：

- 1) 直播监听模式时，将耳机放回充电发射仓中（单耳/双耳均可），双击充电仓按键，当充电发射仓右边蓝灯闪烁时，即进入TWS模式；
- 2) TWS模式时，将耳机放入充电发射仓中（单耳/双耳均可），双击充电仓按键，当充电发射仓右边蓝灯常亮时，即进入直播监听模式。

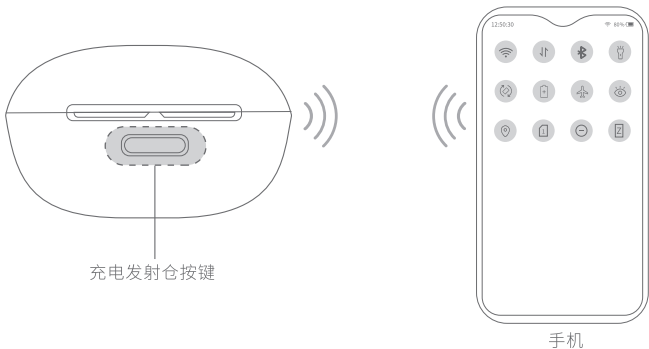
五、智能触控功能：



- ① 来电耳机提示：同步手机铃声；
- ② 接听/挂断：轻触一边耳机的触摸区域；
- ③ 来电拒接：轻触任意一边耳机的触摸区域1.5秒；
- ④ 播放/暂停：轻触一边耳机的触摸区域；
- ⑤ 上一曲：双击左边耳机的触摸区域；
- ⑥ 下一曲：双击右边耳机的触摸区域；
- ⑦ 单机使用时，双击左右耳机均为下一曲（单边耳机只有下一曲功能）；
- ⑧ 语音助手：轻触2秒任意一边耳机“嘟”一声松手后唤醒；
- ⑨ 主从切换：左右耳随意回连耳机，自由切换，开机秒回连；
- ⑩ 更换名称：在手机无线播放设置中，点击当前显示名称跳转至修改名称，输入框输入新名称后点击完成即可；
- ⑪ 耳机放入充电发射仓合盖后关机（充电盒有电的情况）；
- ⑫ 耳机在断开连接状态下3分钟后将自动关机。

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1. TWS模式连接



- 1) 出厂设置耳机为监听模式，将耳机放回充电发射仓中，双击充电发射仓按键，看到充电发射仓右边蓝灯闪烁后，即切换到TWS模式；
 - 2) 进入手机“设置”菜单，找到无线功能选项，开启手机的无线连接功能，待搜索到名称为“TAKSTAR WPM-400”的设备，点击连接即可；
- 注：使用苹果手机连接上蓝牙，在手机通知栏蓝牙图标旁有电量指示条显示耳机电量。

六、提示音说明：

开机：/	连接成功：嘟，升调
关机：嘟，长音	断开连接：嘟，降调
双耳组队成功：嘟	低电提示：嘟嘟

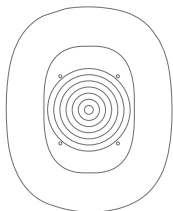
七、清除配对：

打开充电发射仓盖，长按充电发射仓按键8秒，待左右耳机灯常亮2秒后熄灭，即清除配对。

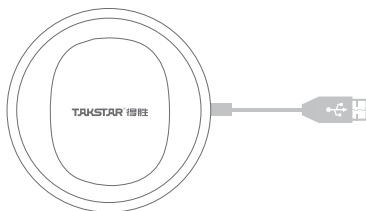
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八、充电发射仓充电：

1) 无线充电：



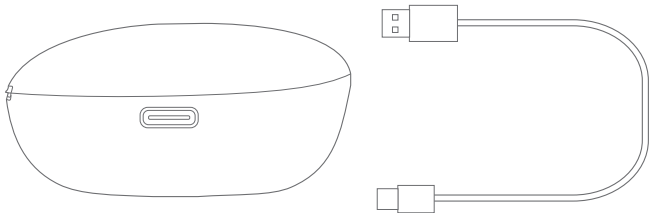
无线充电区域



请将充电发射仓放置在无线充电器充电区域正中央位置

注：为保证正常充电，请使用适合Qi标准的无线充电设备进行充电。

2) 有线充电：



注：为保证正常充电，请使用产品自带的充电线将充电发射仓与电源连接进行充电。

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充电时充电发射仓指示灯状态

工作状态		闪灯描述
不插适配器	充电仓给双耳机充电	充电仓左指示灯红灯呼吸，满电后熄灭
	充电仓给单耳机充电	TWS模式下（右蓝灯呼吸为TWS模式）充电时，充电仓左指示灯红灯呼吸，满电后熄灭
		监听模式下（右蓝灯常亮为监听模式）充电时，充电仓左指示灯红灯呼吸，满电后熄灭
插适配器	充电仓单独充电（无耳机）	充电仓左指示灯红灯呼吸，满电后显示绿灯
	充电仓给双耳机充电	充电仓给双耳机充电充电仓左指示灯红灯呼吸，满电后显示绿灯
	充电仓给单耳机充电	TWS模式下（右蓝灯呼吸为TWS模式）充电时，充电仓左指示灯红灯呼吸，满电后显示绿灯；耳机在使用时，充电盒待机，耳机与手机配对
		监听模式下（右蓝灯常亮为监听模式）充电时，充电仓左指示灯红灯呼吸，满电后显示绿灯；监听模式下，Type-C端口已占用，无法直接接适配器，只能接无线充再接适配器

■ 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接设备与本产品功率是否匹配以及合理调整设备音量大小，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，使用中避免靠近火源，雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，避免损坏其功能；
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产品，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跟进处理。

■ 关于图标含义解释



根据RL2004/108/EG和European Low Voltage Directive（欧洲低电压指令）RL2006/95/EG的测试结果表明，本产品符合欧共体关于电磁兼容性的成员国法律整合的指令中所规定的限值。



未经合规方明确批准的变更或修改可能会使用户失去操作设备的权限。

此设备符合FCC规则第15条部分的要求。操作须符合以下两个条件：

- (1) 此设备可能不会造成有害干扰；
- (2) 此设备必须接受接收到的任何干扰，包括可能导致意外操作的干扰。



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经销商确认。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/>

WPM-400 Wireless In-Ear Monitoring Earphones

■ Preface

Dear Customer,

Thank you for purchasing Takstar WPM-400 Wireless In-Ear Monitoring Earphones. In order to better understand and use the product, please read this manual carefully. If you have any questions or suggestions, please contact our local dealer.

■ Features

- Multi-functional wireless in-ear monitoring earphones, suitable for entertainment stream, livestream e-commerce and music appreciation.
- One-key switch between Monitoring and TWS modes to suit for various applications.
- 2.4GHz wireless transmission up to about 10m, quick pairing, auto reconnecting.
- Professional-grade monitoring, low latency without audio delay for smoother streaming and interaction.
- In-ear design, compact and comfortable to wear, carry music with you as you move around.
- Charging case and transmitter integrated in one, super-portable, supports wired or wireless charging.
- Transmitter uses supplied Type-C to $\varnothing 3.5\text{mm}$ cable for easy connection with audio device like audio interface or mixer.
- Built-in Li-ion battery lasts up to 6hrs continuously.

■ Package Contents

Charging Case (Transmitter).....	1 pc
Wireless Earphones.....	2 pcs
Charging Cable	1 pc
Audio Cable	1 pc
Ear Tips (S/M/L).....	3 prs
User Manual.....	1 pc

■ Applications

Suitable for entertainment stream, livestream e-commerce, music appreciation.

■ Specifications

Charging Case Specifications

- Battery Capacity: 700mAh
- Charging Time (Wired): approx. 2hrs
- Charging Time (Wireless): approx. 6hrs
- Battery Life: 4 full charges (both earphones)
- Case Dimensions: 65.6*54*32mm
- Case Weight: approx. 57g
- Operating Temperature: -10°C~50°C
- Storage Temperature: 10°C~50°C
- Input Voltage: 5V
- Charge Current: 445mA (maximum)
- Temperature Control: auto disconnect charging at around 55°C

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Earphones Specifications

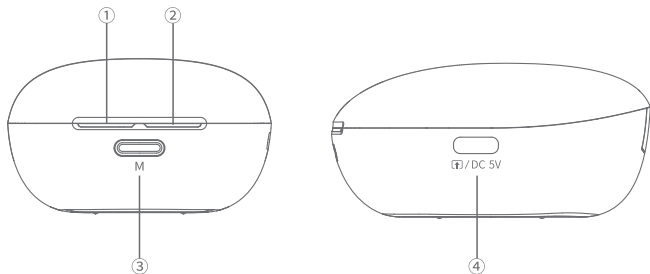
- Battery Capacity: 70mAh
- Frequency Response: 20Hz-20KHz
- Sensitivity: 115dB
- Earphone Dimensions: 35.75*22.23*20.24mm
- Single Earphone Weight: approx. 7g
- Transmission Frequency: 2.4GHz
- Earphones Charging Time: approx. 70min
- Charging Voltage/Current: DC 5V/700mAh
- Operating Temperature: -10°C~50°C
- Storage Temperature: 10°C~60°C
- Low Latency Distance: $\geq 7m$
- TWS Mode Battery Life:
 - Phone Call: approx. 5hrs for both earphones
 - Continuous Music Playback: approx. 7hrs (at 80% volume)
 - Standby Battery Life: approx. 120hrs
- Monitoring Mode Battery Life:
 - Continuous Music Playback with connected audio interface: approx. 6hrs (at 80% volume)
 - Standby Battery Life: approx. 7hrs

Note: The above data is measured by Takstar laboratory, and Takstar has the final interpretation right!

■ Function Descriptions

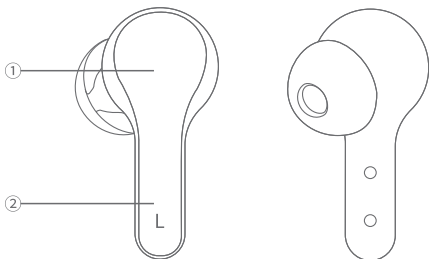
Charging Case (Transmitter):

- ① Battery LED: shows battery level.
- ② Work Mode LED: shows TWS pairing status or Monitoring status.
- ③ Mode Button: double-click to switch between TWS and Monitoring modes.
- ④ Type-C Interface: for charging the case via Type-C charging cable, or for connecting audio device via supplied audio adapter cable.



Earphones (Receivers):

- ① Touch Area: for controlling music playback, answering/rejecting/ending calls.
- ② LED Dot: lights up for 3s when powered on, then goes off into pairing status; flashes when earphone battery is low; lights up for 3s on the right earphone then goes off upon auto power-off when placed into charging case.



■ Operation Instructions

I. Power Detection:

- ① Normal power level for both earphones and the case: left LED turns green for 3s when case lid opens.
- ② Low power level for either earphones or the case: left LED turns red for 3s when case lid opens.

Note: When case lid is closed, click the button on the case to check power level.

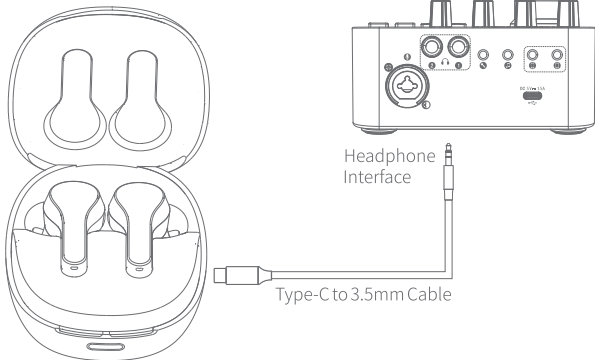
II. Place-back Detection (in charging case):

- ① Left earphone placed: left LED lights up green for 1s then goes off.
- ② Right earphone placed: left LED lights up green for 1s then goes off.
- ③ Both earphones placed: left LED shows green twice, each for 1s then goes off.

WPM-400 Wireless In-Ear Monitoring Earphones

III. Live Stream Monitoring (as shown in diagram):

* Illustrated model is Takstar MX1 Pro Mixer



Transmitter/Charging Case

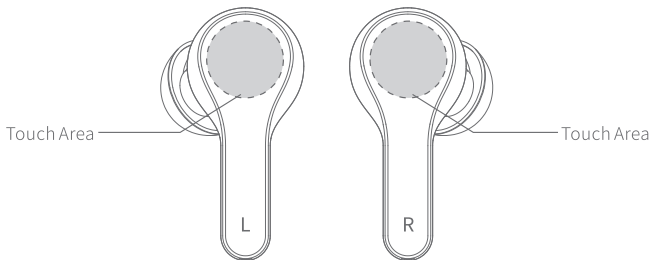
- 1) Use the supplied audio adapter cable, connect the device with audio interface as shown in the above figure.
- 2) The first time you open the case lid, the device shows power level then enters Monitoring mode by default. Open the charging case, the right LED on the case turns blue permanently, take out the earphones to start monitoring.
- 3) Mode Memory function: retains previously used mode before last power-off.

IV. Switch TWS/Monitoring Mode:

- 1) Under Monitoring mode, place the earphones (either or both) into the charging case, then double-click the case button to enter TWS mode, indicated by the right LED flashing blue.
- 2) Under TWS mode, place the earphones (either or both) into the charging case, then double-click the case button to enter Monitoring mode, indicated by the right LED staying blue.

WPM-400 Wireless In-Ear Monitoring Earphones

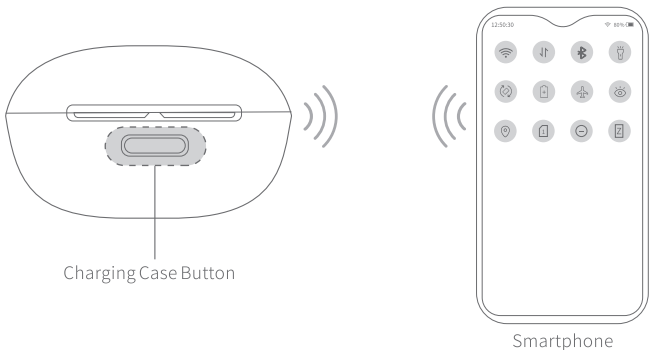
V. Smart Touch Control:



- ① Earphone Call Notification: same as your phone's ringtone.
- ② Answer/End Call: tap the touch area on either earphone.
- ③ Reject Call: touch and hold the touch area on either earphone for 1.5s.
- ④ Play/Pause: tap the touch area on either earphone.
- ⑤ Previous Track: double-tap the touch area on the left earphone.
- ⑥ Next Track: double-tap the touch area on the right earphone.
- ⑦ When using only one earphone, double-tap on the in-use earphone switches to Next Song only.
- ⑧ Voice Assistant: touch and hold the touch area on either earphone for 2s until you hear "Du".
- ⑨ Stereo/Single Mode Switch: use both or either earphone freely. The earphones auto reconnect and pair in seconds.
- ⑩ Change Name: find the wireless device settings in your phone, tap on the device name, proceed to edit and enter a new name to rename the device.
- ⑪ The earphones auto power off when placed into the charging case and the lid is closed (provided the charging case battery is not out).
- ⑫ The earphones auto power off when disconnected for more than 3 minutes.

WPM-400 Wireless In-Ear Monitoring Earphones

1. TWS Connection



1) The earphones start in Monitoring mode by factory default. To switch to TWS mode, place the earphones back in the charging case and double-click the case button, the right LED on the case will flash to indicate TWS mode.

2) Turn on your phone, go to settings, enable wireless connection and search for a device named "TAKSTAR WPM-400", tap it to connect.

Note: When connected to iPhones via Bluetooth, the phone status bar will show earphones battery level aside the Bluetooth icon.

VI. Prompt Tone Descriptions:

Power-on: /

Power-off: "Du~" (long tone)

Stereo pairing success: "Du"

Connected: "Du ↗" (rising tone)

Disconnected: "Du ↘" (falling tone)

Low battery: "Du Du"

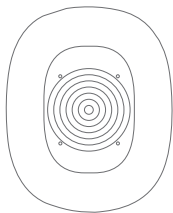
VII. Clear Pairing:

Open the charging case lid, press and hold the case button for 8s until the LED dots on both earphones light up for 2s to clear the pairing history.

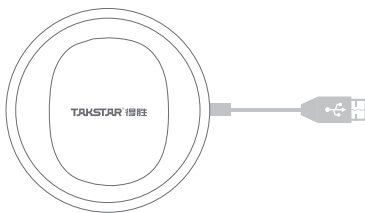
WPM-400 Wireless In-Ear Monitoring Earphones

VIII. Charge the Charging Case:

1) Wireless Charging:



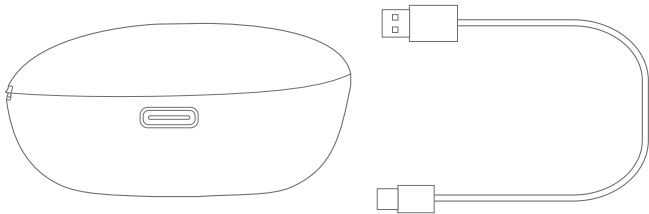
Wireless Charging Area



Please place the charging case in the center of the wireless charging area

Note: To ensure normal functionality, please use a wireless charging device that meets Qi standard for charging.

2) Wired Charging:



Note: To ensure normal functionality, please use the supplied charging cable to connect the case with power supply for charging.

WPM-400 Wireless In-Ear Monitoring Earphones

Charging Indicator on Charging Case

Work Status		LED Description
Power adapter disconnected	Charge both earphones in charging case	Left LED flickers red, then turns off when fully charged
	Charge single earphone in charging case	Under TWS mode (right LED flickers blue), left LED flickers red, then turns off when fully charged
Under Monitoring mode (right LED stays blue), left LED flickers red, then turns off when fully charged		
Power adapter connected	Charge the case only (w/o earphones)	Left LED flickers red, then turns solid green when fully charged
	Charge both earphones in charging case	Left LED flickers red, then turns solid green when fully charged
	Charge single earphone in charging case	Under TWS mode (right LED flickers blue), left LED flickers red, then turns solid green when fully charged; when the earphone is used, the charging case enters stand-by, and the earphone will pair with smartphone
		Under Monitoring mode (right LED stays blue), left LED flickers red, then turns solid green when fully charged; since Type-C port is already in use under Monitoring mode, this only applies when charging with a wireless charger using the power adapter

■ 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 or hearing impairment.
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 dealer for repair.
3. 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.
4. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
5. 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 dealer.

■ Label Meanings

CE According to the test results obtained based on RL2004/108/EG (Electromagnetic Compatibility Directive) and RL2006/95/EG (Low Voltage Directive), this product complies with the limits specified in the European Community EMC (Electromagnetic Compatibility) Directive, an integration of relevant laws from its member states.

FCC NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: WRAWPM-400CC

FCC ID: WRAWPM-400

WPM-400 Wireless In-Ear Monitoring Earphones



This symbol indicates that, according to WEEE (Waste of Electrical and Electronic Equipment) Directive (2012/19/EU) and national laws, this type of waste should not be discarded along with your household waste, as it contains potentially hazardous substances that may pose a negative impact on the environment and human health. It should be handed over to an authorized WEEE collection facility for recovery and recycle. Herewith you will be helping effective utilization of natural resources. For more information on disposal of WEEE products, please contact your local municipality, waste management bureau or 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. For the latest version/more information, please visit our website: <https://www.takstar.com/>.

Specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local dealer.

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



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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 YiRd., Longxi Boluo

Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com