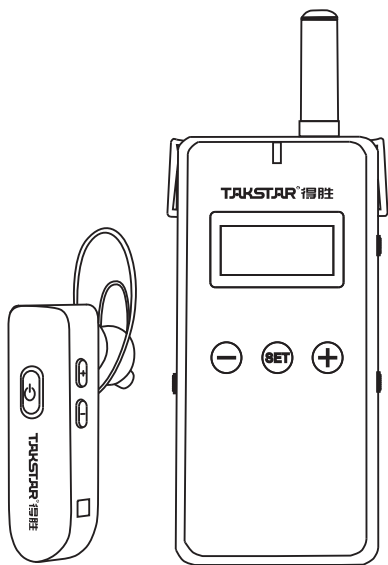


TAKSTAR® 得胜



WTG-600
耳挂式无线讲解器
Tour Guide System

使用手册 | User Manual

■ 前言

尊敬的用户：

感谢您选购得胜WTG-600 耳挂式无线讲解器，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

- 高灵敏度电容麦克风，动态范围大，加上优质的耳挂式接收器，使用方便，不用贴嘴讲话；
- 特设增强型长天线，信号传输更稳定，使用距离更远，空旷无障碍距离最远可达200米；
- 低功耗设计，环保，稳定，耐用，安全，接收器可续航24小时，发射器可续航30小时；
- 支持AUX专用音频接口和MIC输入双模式，一键自由切换选择输入接口，应用更方便；
- 支持单团单讲和单团双讲两种模式，同一团队内可一人讲解亦可两人同时讲解，更好的实现现场互动；
- 发射器设有激光笔功能，方便导游更加生动讲解，提升演讲效果，提高游客游览收听体验感；
- 发射器大屏幕OLED显示，能显示电池电量、接收信号强度、当前使用信道等信息，随时掌控工作状态；
- 接收器拥有人性化配对与掉队语音提醒功能；
- 接收器设有节能保电功能，无信号10分钟后自动关机，节省电量；
- 一键对频：接收器只需开机，发射器一键对频所有接收器；
- 一键关机：发射器可以一键关掉所有正在连接的接收器；
- 外观时尚美观，轻便小巧，携带方便。

■ 适用范围

适用旅游观光、宗教活动、同声传译、接待考察、大型会议、教学讲课、工业生产等场景

■ 产品配置

WTG-600(套装)

电箱套装	1套
天线	4根
挂绳	2条
充电线	1条
头戴麦克风	1个 (选配)
领夹麦克风	1个 (选配)
直插麦克风	1个 (选配)
说明书	1份

■ 技术参数

发射器参数

工作频段：2.40GHz--2.485GHz

工作电压：DC 3.7V

频率响应：50-18KHz

信噪比：≥90dB

发射器尺寸：52mm*110mm*20mm

重量：约110g

输入：DC 5V=500mA

电池：3000mAh内置聚合物锂电池

通道数：99个

工作时间：约30小时

失真度：<0.2%

空旷使用距离：≤200m

充电时间：约5小时

发射功率：≤20dBm

WTG-600 耳挂式无线讲解器

接收器参数

工作频段：2.40GHz--2.485GHz

工作电压：DC 3.7V

频率响应：50-18KHz

空旷使用距离：≤200m

接收器尺寸：23mm*65mm*13.5mm

输入：DC 5V=500mA

电池：380mAh内置聚合物锂电池

通道数：99个

工作时间：约24小时

信噪比：≥90dB

充电时间：约2小时

重量：约22g

充电箱参数

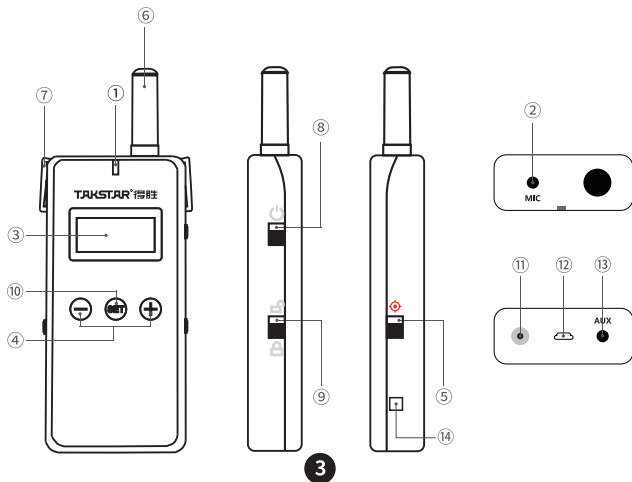
电压：输入电压110~240V 50~60Hz，输出电压5V

尺寸：255mm*410mm*165mm

位数：40位接收器 2位发射器

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

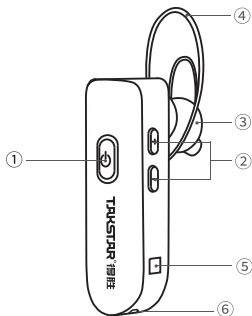


WTG-600 耳挂式无线讲解器

发射器:

- ①指示灯：开机时闪烁绿灯，约2秒后绿灯熄灭；当指示灯蓝灯长闪烁时，表示电量不足，请及时充电；
- ②3.5mm麦克风接口：用于连接麦克风；
- ③显示屏：显示当前工作频道和电池电量等信息；
- ④调频“+”“-”按键：用于调节信号频道；
- ⑤激光键：激光灯开关键
- ⑥天线：发射器支持长短天线更换；常规100米内使用短天线，如需增强使用距离，可更换增强型长天线；
- ⑦背夹：用于将发射器扣于腰带或裤腰上使用；
- ⑧电源按键：发射器往下推电源按键则开机；开机状态往上推电源按键则为关机；
- ⑨锁屏键：发射器往下推锁屏键，则设备进入锁屏状态；锁屏状态下发射器“+”“-”键与SET键则不可以操作；
- ⑩SET键：返回主页或者开/关静音功能；
- ⑪激光灯：用于辅助讲解；
- ⑫USB接口：可通过Micro USB数据线给发射器充电；
- ⑬AUX音频输入接口：用 \varnothing 3.5mm音频线连接；
- ⑭充电触点：用于放置在充电箱中给发射器充电。

发射器电池电量显示分为四节电量，每节电量代表着电池剩余的电量，低电量时，会显示  提醒注意设备电量过少需充电。








接收器:

- ①电源开关按键：用于开启/关闭设备；
- ②音量调节：用于调节接收器的音量大小，总9级音量可供调节，开机默认为6级音量；
- ③硅胶保护套；
- ④耳挂；
- ⑤充电触点：用于放置在充电箱中给接收器充电；
- ⑥USB接口：可通过Micro USB数据线给接收器充电。

■ 使用说明

麦克风插入发射器后开机，接收器开机，调整发射器至指定通道，接收器于发射器为中心半径五米之内，接收器即可以自动连接发射器，设备出厂开机默认为01通道。（详细对频方法请查看自动对频频道配对）

电源开/关：

- ①设备开机：发射器往下推开机按钮  即开机，接收器长按3秒电源开/关按钮  即开机，伴有闪烁的蓝色指示灯；
- ②接收器关机：接收器关机有三种方式：
 - 第一种：开机状态下长按3秒电源开/关按钮  ，伴有闪烁的蓝色指示灯，松开手立即关机，指示灯灭；
 - 第二种：在开机状态下，无信号10分钟后会自动关机；
 - 第三种：发射器一键关机所有接收器；（接收器已连接发射器信号状态）长按发射器的SET按钮6秒，发射器出现一个电源开/关机图标  ，所有连接到此发射器的接收器将自动关机；
- ③发射器关机：开机状态往上推拨电源开/关按钮  即关机；

音量调节：

- ①接收器：接收器和发射器信号配对成功后，单击“+ -”按钮来调节音量大小，音量总9级，默认是6级；
- ②发射器：发射器没有音量调节功能。

频道调整

自动频道配对：

- ①接收器：接收器开机后无需任何操作，默认之前接收频道；
- ②发射器：长按发射器左右按钮“+ -”3秒，屏幕显示通道数可左右切换，单击“+/-”或者连按左右按钮“+ -”调整到所需通道后放开，接收器既可自动配对，然后单击SET按钮返回主界面正常使用


单团单讲模式

在发射器和接收器同时开机的状态下，接收器在接收范围内将自动连接发射器，指示灯由蓝色转变成绿色，伴有语音提示，即配对成功，设备出厂开机默认为01通道



单团双讲模式

在单讲模式中加入另外一部发射器，调整相对应频道即可连接该频道的接收器，当发射器副机屏幕中显示双人头像图标，即表示为双讲模式，接收器可同时接收两部已配对的发射器，如其中一部发射器关机即恢复单讲模式。

静音调节

发射器静音:在开机状态下，点按发射器SET按钮，此时屏幕显示静音图标 ，发射器进入静音状态。再次点按SET按钮即可解除静音，进入主界面正常使用。

发射器激光灯辅助讲解

如需使用激光灯辅助讲解，往下推发射器的激光灯控制按钮 。如需关掉，向上推激光灯控制按钮 。

麦克风与AUX音频输入接口

发射器支持麦克风与AUX音频接口输入，如果同时插入麦克风与AUX音频线，通过点按按钮+切换成麦克风输入，点按按钮-切换成AUX音频接口输入。

充电箱充电

每个充电箱支持两台发射器与四十台接收器同时充电。先接好充电箱的电源线，按下充电箱的开关按钮，此时电源按钮红灯亮起，即可正常使用。设备的充电指示灯绿灯闪烁，表示设备已经正常充电，当设备充满电时候，绿灯闪烁变为绿灯长亮。

单口USB充电器充电

单口USB充电器连接电源，插入Micro-USB充电线，设备绿灯闪烁为正在充电状态，当设备充满电时候，绿灯闪烁变为绿灯长亮。


更换天线

发射器支持长短天线更换。

100米内使用短天线，如需增强使用距离，可以更换增强型长天线。

■ 故障排除

发射器/接收器电源打不开: 确认发射器/接收器是否有电。

听不到声音: 确认发射器是否处于静音状态MUTE ，确认接收器是否音量过小，确认发射器是否处于麦克风模式。

噪声过大: 确认周围是否处于强电干扰环境或者在声音大小合适情况下，尽量不用调整音量级数过高。

单击左右按键过快无反应: 注意单击按钮后再放开，然后再单击，大概0.8以上秒按一次，过快时无反应，防止使用者误操作。

■ 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/>


■ 环保说明

产品中所含有毒有害物质或元素的名称及含量

部件名称 (大体分类)	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)
塑胶部件	○	○	○	○	○	○
五金部件	×	○	○	○	○	○
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，
且此标使用期限只适用于产品正常工作的温度和湿度等条件。



■ Preface

Dear Customer,

Thank you for purchasing Takstar WTG-600 Tour Guide System. In order to correctly use the device, please read the manual carefully.

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

■ Features

- High-sensitivity mic with wide dynamics and proper pickup distance, plus quality ear-hook receiver for added ease of use.
- Up to 200 meters use distance in open area thanks to improved long antenna.
- Low-consumption & eco-friendly design, with receiver lasting up to 24hrs and transmitter up to 30hrs.
- Supports two input modes switchable in one key press: AUX input, Mic input.
- Supports single-transmitter or dual-transmitter system setup; two tour guides explaining in a team make for better interaction.
- Laser pointer on transmitter for assistive communication during tours or presentations.
- Large OLED display on transmitter with real-time status on battery, signal strength, operating channel, etc.
- Care-free auto pairing and out-of-range voice alert features for receiver.
- Receiver auto shuts down if without signal activity for 10 minutes, conserving energy.
- One-key Sync: all receivers auto sync with transmitter frequency in one key press.
- One-key Shutdown: all connected receivers auto power off via transmitter key command.
- Stylish look, compact and portable design.

■ Applications

Tour guide, religious activity, simultaneous interpretation, reception, large conference, lecture, industrial area.

■ Package Contents

WTG-600 (Set)

Charging Case Set	1 set
Antenna	4 pcs
Lanyard	2 pcs
Charging Cable	1 pc
Headset Microphone	1 pc. (optional)
Lavalier Microphone	1 pc. (optional)
Plug-in Gooseneck Microphone	1 pc. (optional)
User Manual	1 pc.

■ Specifications

Transmitter Specifications

- Operating Frequency Band: 2.40GHz ~ 2.485GHz
 - Number of Channels: 99
 - Working Time: about 30 hours
 - Distortion: <0.2%
 - Use Distance: ≤200m, open area
 - Weight: about 110g
 - Battery: built-in 3000mAh Li-Po battery
 - Transmitter Size: 52mm*110mm*20mm
- Working Voltage: DC 3.7V
 - Frequency Response: 50 ~ 18KHz
 - S/N Ratio: ≥90dB
 - Charging Time: about 5 hours
 - Transmit Power: ≤20dBm
 - Input: DC5V=500mA

Receiver Specifications

- Operating Frequency Band: 2.40GHz ~ 2.485GHz

WTG-600 Tour Guide System

- Number of Channels: 99
- Working Time: about 24 hours
- S/N Ratio: $\geq 90\text{dB}$
- Charging Time: about 2 hours
- Battery: built-in 380mAh Li-Po battery
- Receiver Size: 23mm*65mm*13.5mm

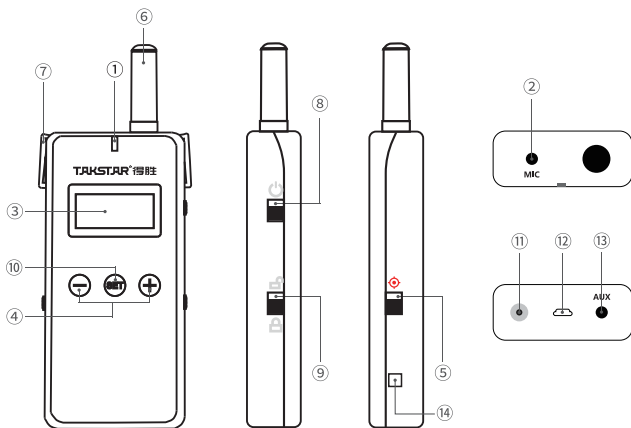
Working Voltage: DC 3.7V
Frequency Response: 50 ~ 18KHz
Use Distance: $\leq 200\text{m}$, open area
Weight: about 22g
Input: DC5V=500mA

Charging Case Specifications

- Voltage: input 110~240V, 50~60Hz; output 5V
- Number of Slots: 40 receivers, 2 transmitters
- Size: 255mm*410mm*165mm

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


■ Function Descriptions

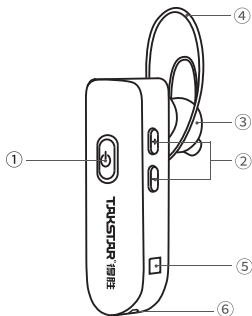


WTG-600 Tour Guide System

Transmitter:

- ① LED Indicator: lights up green for 2s when powered on; slowly flashes blue when battery is low and requires charging.
- ② 3.5mm Microphone Jack: used to connect to a mic.
- ③ Display: shows current operating channel, battery level, etc.
- ④ Frequency [+] / [-] Buttons: adjusts frequency channel.
- ⑤ Laser Pointer Switch: enables/disables laser pointer.
- ⑥ Antenna: long/short antenna replaceable. Use short antenna for regular use within 100m, or use long antenna to enhance use distance.
- ⑦ Back Clip: used to buckle the transmitter on belt or trouser.
- ⑧ Power Switch: flip the switch to lower/upper position to power on/off the transmitter respectively.
- ⑨ Screen Lock Switch: push the screen lock switch downwards to enable screen lock, which disables [+], [-], and [SET] buttons input on transmitter.
- ⑩ SET Key: Home & Mute/Unmute.
- ⑪ Laser Pointer: assistive communication feature.
- ⑫ USB Interface: for charging the transmitter using a Micro USB cable.
- ⑬ AUX Input: connects to a ø3.5mm audio cable.
- ⑭ Charging Contacts: for charging the transmitter when placed in the charging case.

Transmitter battery level is shown in four bars, each bar representing the remaining power left. The battery meter changes to  when battery is running low and requires charging.



Receiver:

- ① Power Button: turns on/off the device.
- ② Volume Buttons: adjusts the receiver volume level. 9 levels in total, defaults to level-6 volume at startup.
- ③ Silicone Protective Case.
- ④ Ear Hook.
- ⑤ Charging Contacts: for charging the receiver when placed in the charging case.
- ⑥ USB Interface: for charging the receiver using a Micro USB cable.



■ Operation Instructions

Insert a mic into the transmitter and turn on the transmitter, then turn on the receiver. Adjust the transmitter to a designated channel, once the receiver is within 5m radius of the transmitter, it will automatically pair to the transmitter. By factory default, the device starts at Channel 01.


(Refer to Automatic Channel Pairing section for pairing methods.)

WTG-600 Tour Guide System


Power On/Off

① Device Power-On: for the transmitter, flip its power switch  to lower position; for the receiver, press and hold its power button  for 3s until its LED flashes blue.

② Receiver Power-Off (three methods):

Method 1: Press and hold its power button  for 3s until its LED flashes blue, then release to power off the receiver.

Method 2: Auto shuts down if without signal activity for over 10 minutes.

Method 3: One-key shutdown of all connected receivers via transmitter. Press and hold [SET] button on transmitter for 6s until a power-on/off icon  appears, then all receivers connected to this particular transmitter will auto power off.

③ Transmitter Power-Off:

flip its power switch  to upper position.

Volume Control:

① Receiver: once the receiver and transmitter are paired successfully, click [+]/[-] button to adjust the volume level, which has 9 levels in total and defaults to level-6.

② Transmitter: there is no volume control on the transmitter.

Channel Adjustment

Automatic Channel Pairing:

① Transmitter: press and hold either [+]/[-] button for 3s until the Channel Number on screen becomes adjustable. Next, press or hold [+]/[-] button to select a desired channel. Then, press [SET] to confirm and exit editing. The receiver will automatically pair.

② Receiver: the receiver will automatically sync/pair channel without any operation required.


Single Transmitter Mode

When both the transmitter and receivers are powered on, keep the receivers within signal range to auto connect them to transmitter. The receiver indicator will become green (from flashing blue) when connected successfully, accompanied by a corresponding voice prompt. By factory default, the device starts at Channel 01.



Dual Transmitter Mode

To add another transmitter into the system, please adjust the second transmitter's channel to the operating channel. Once connected, the auxiliary transmitter screen will show a two-person avatar icon, indicating dual-transmitter mode. In this mode, receivers can receive signal from both paired transmitters. To return to single-transmitter system, simply power off one of the transmitters.

Mute Control

Transmitter Mute: when powered on, Short press [SET] on transmitter to mute, the screen displays a mic mute status icon . Short press [SET] again to unmute and return to home screen.

Laser Pointer

To use the laser pointer, flip the laser switch  to lower position. To turn it off, flip the laser switch  to upper position.

WTG-600 Tour Guide System

MIC IN & AUX IN

The transmitter supports mic and AUX audio inputs. If you plug in both the mic and AUX audio cable, you can switch to mic input source by short pressing [+], or switch to AUX input source by short pressing [-].

Charging Case

Each charging case supports charging up to 2 transmitters and 40 receivers simultaneously. First, connect the charging case to mains using the power cord; then, turn on the power switch on the charging case (power switch turns red). The device's charging indicator flashes green while charging and turns solid green when fully charged.

Single-Port USB Charger


Connect the single-port USB charger to mains, and connect a device to the charger via Micro-USB charging cable. The device's charging indicator flashes green while charging and turns solid green when fully charged.

Replace Antenna

The transmitter supports long and short antenna replacement. Use short antenna for regular use within 100m, or use long antenna to enhance use distance.

■ Troubleshooting

Transmitter/receiver does not power on: Check if the transmitter/receiver has power.

No sound: Check if the transmitter is muted  or if the receiver volume is too low, or if the transmitter is in mic mode.

Too much noise: Check if there is strong electrical interference in the surroundings, or try to keep the volume level as low as possible if appropriate.

No response when quickly pressing [+]/[-]: Be sure to release the button after pressing. Each keypress should be at least 0.8s, otherwise it will not register. This is to prevent accidental operation.

■ 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.

■ 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 dealer. For the latest version/more information, please visit our website:

<https://www.takstar.com/>

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盖康一路2号



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