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Product description is subject to actual product.

目录 Table of Contents

产品特点	3
装配使用说明	3-4
功能按键操作说明	4-6
使用方法	6-7
简易故障排除	7
注意事项/保养维护	8
技术参数	8
包装配置	9-10
Product Features	11
Installation/Recharging Instruction	12
Function Buttons Instruction	13
Operating Instruction	14-15
Caution/Maintenance	15-16
Specification	16
Troubleshooting	17
Packing List	18-19

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

尊敬的用户:
欢迎您使用TAKSTAR WTG-900无线导游系统, 为了让您更好的使用本系统, 请仔细阅读本说明书, 以便能正确的操作。TAKSTAR WTG-900无线导游系统支持无线对讲功能, 可根据需要使用切换导游模式或对讲模式。广泛用于旅游、观光、博物馆参观展览、团队野外学习、活动、教学及其它需要使用无线同步传播的工作。

产品特点

- 采用780-850MHz数字跳频技术设计, 自动滤除无线电干扰
- 支持10套系统同时使用, 互不干扰
- 无线工作距离≥100米, 开地最大可达300米
- 支持无线对讲功能, 可根据需要使用切换导游模式或对讲模式
- LCD显示屏, 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
- 应用智能AGC音频信号处理技术, 声音捕捉能力强、音质还原度高
- 大容量锂电池供电, 使用时间长达12小时以上
- 发射和接收均采用合金材料设计, 机身重量轻、强度高; 坚固耐用
- 配备专用充电器和便携式铝合金箱, 方便户外使用

装配使用说明

- 如图所示:
- 如需将机器挂在腰间使用, 请将随机配备的挂扣一边扣入机身中间的孔位, 另一边拉开至机身宽度, 再小心地将图中所示孔位装入机器对应孔位(注意: 小心不要刮伤机壳), 便可使用腰挂式的方法。
 - 需要充电时, 把随机配备的适配器插入电源, 再将DC端子插入充电器的其中一个DC母座内, 充电器指示灯亮, 表示充电器已工作, 可将导游机放置充电。

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

C. 如图所示, 将导游机装有挂扣的一边朝向充电器有缺口的一边, 把导游机放入充电座内, 再向下压, 使充电器与充电器充分接触, 机器正在充电中, 充电指示灯亮红灯, 当充电指示灯亮绿灯时, 表示充电完成。



图一

功能按键操作说明

- 电源开关: 向“ON”方向拨动开关, 打开电源, 电源指示灯2亮, 机器自动设置发射或接收信道为上一次关机时的使用信道。
- 电池及充电指示灯: 发射或接收机电量饱和时亮绿灯, 电量低于1格时, 亮红灯。接收机及充电指示灯: 接收机接收机电量饱和时亮绿灯, 接收机接收机电量饱和时亮红灯, 充电时, 指示灯常亮红灯, 充电饱和时亮绿灯。(注意: 须在关机状态下充电)

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

③ SET设置按键:

- 静音: 用于发射端麦克风信号静音(短按静音/解除静音)。
- 用于切换 导游模式和对讲模式: 在关机状态下, 先按在此键不放, 然后打开电源开关①, 此时显示屏显示“RTX”, 表示进入对讲模式, 松开按键即可使用。(此操作只对发射机有效, 模式切换只在发射机上进行)
- 信道设置: 打开电源开关①, 进入工作模式。按此键可设置信道, 此时显示屏②会出现SET信道闪烁, 再按③、④(音量+、音量-)键可以增加或减少信道。设置信道后无操作, 约两秒后保存信道并锁定。



发射机



接收机

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

- 麦克风/耳机输入插孔: 将配备的麦克风或耳机插头插入机器的“MIC IN”插孔内。
- 在导游模式下, 发射机可选用头戴、领夹、耳麦讲话。接收机在任何情况下均只戴耳麦。
- 在对讲模式下, 发射机及接收机均只选用耳麦。
- 液晶显示屏: 按此键可增加或减少音量; 在SET设置模式中, 此键可以增加或减少信道。
- 液晶显示屏: 在正常工作状态下, 显示屏上显示工作状态、信号强度、信道和电池电量。
- 充电孔
- 天线

使用方法

- 导游模式使用方法:
 - 首先, 将发射机配备的耳麦、头戴或领夹任选中其中一个插入MIC孔, 把接收机配备的耳麦插入MIC孔; 然后直接打开电源开关, 使其工作于导游模式, LCD屏显示工作信道。此时, 检查所有接收机信道是否与同群组的发射机信道一致, 如果不是, 需把信道调成一致, 才能正常接收发射机的信号。此模式只允许发射机讲话, 接收机只接收同群组发射机的信号, 如讲话声音太大, 可以调节侧面的音量加减键来调整声音大小。此模式通常是在个人长时间发言、作简介、景点介绍时使用。
- 对讲模式使用方法:
 - 先将发射机及接收机配备的耳麦插入MIC孔; 然后将发射机设置为对讲模式(设置方法见“功能操作说明”的SET键设置), 将配备的接收机信道调成与发射机一致, 即可正常对讲交流。此模式当要发言时, 必需一直按住耳麦上的按键, 此时可听到耳机“嘟”的一声, 并能听见自己讲话, 同群组(一群组)的导游机均可接收到语音信息。结束通话松开按键即可。在对讲的过程中, 同一群组同一时间只允许一台机发射信号, 其它机器都只接收发射机的信号。

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

三、充电操作方法:
将配备的专用适配器插入AC电源插座, 再把DC端子插入充电器或充电器, 此时, 充电器或充电器电源指示灯会亮, 说明工作正常。再把导游机按“装配使用说明”的方法插入充电器或充电器内(注: 导游机充电时必须关机); 导游机指示灯显示常亮红灯状态, 开始进入脉冲充电。当充满电后, 指示灯常亮绿灯。充电时间约4小时左右。

简易故障排除

故障现象	可能原因	处理方法
没有声音	耳麦没有插到位	拔出耳麦重新插入
	发射器电池无电量或电量不足	充电或更换电池
	接收器音量没有调大	调大接收器音量
电源指示灯不亮	电池电量低或没有电量	充电或更换新电池
	发射器输入声音过大	调节麦克风拾音处和音源的间距
声音大或严重失真	耳机音量过大	适当调节耳机音量
	信号弱或受到干扰	不要远离发射机(<100米)或变更使用信道
接收机自动关机	电量不足	更换电池或及时充电

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

注意事项&保养维护

- 本机出厂已经过精密仪器调校好, 非专业人士, 请勿擅自拆卸修理, 以免损坏机器。
- 避免在多尘、潮湿、高温、强磁场所环境下使用或贮存, 以免影响机器的使用寿命。
- 如需更换电池, 应向厂家售后联系购买专用电池。非专用电池可能引起机器损坏或发生安全事故。
- 充电不足时应及时充电, 以免影响下次正常使用。非专用电池可能引起机器损坏或发生安全事故。
- 充电4小时即可完成充电, 充电完成后, 应及时切断电源, 切勿长期置于充电状态, 以免发生意外。
- 请勿将机器长期(一个月以上)置于充电器内, 以免影响充电器与机器的使用寿命。
- 长期不使用时, 应定期对产品进行电池维护, 原则上每2个月补充一次电, 以保护电池不被损坏。
- 如对本公司的产品在使用上仍有不明之处, 或需维修服务和其它配件方面的信息, 请联系经销商或致电访问得胜公司网站 www.takstar.com。

技术参数

频率响应:	50Hz-12KHz
发射频率范围:	780-850MHz
信道:	100个, 自动跳频模式
传输距离:	≥100米, 开地最大可达300米
发射功率:	≤10dBm
接收灵敏度:	-120dBm
信噪比:	≥60dB
使用时间:	约12小时
充电时间:	4小时
电池规格:	聚合物锂电池 3.7V/950mAh

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

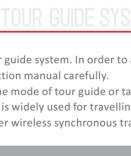
充电器包装清单

CG-12充电器	1台
DC连接板	1个
五金连接片	1套
连接片螺丝	1颗



铝合金箱标准配置表

铝合金箱	1个
CG-12充电器	10台
电源适配器	1套
WTG-900R发射机	1套
WTG-900R接收机	19套
DC转接头	9个



WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

发射机包装清单

WTG-900T发射机	1台
头戴麦克风	1个
单边耳挂麦左	1个
单边耳挂麦右	1个
耳挂海绵套	5个
防风海绵	5个
领夹麦克风	1个
锂电池(内置)	1个
挂绳	1条
说明书	1份



头戴式麦克风

接收机包装清单

WTG-900R接收机	1台
单边耳挂麦左	1个
单边耳挂麦右	1个
耳挂海绵套	5个
防风海绵	5个
锂电池(内置)	1个
挂绳	1条
带扣	1个



单边耳挂

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Dear Valued Customer:
Thank you for purchasing Takstar WTG-900 wireless tour guide system. In order to achieve best performance of this system, please read the instruction manual carefully. Takstar WTG-900 supports wireless talkback function, the mode of tour guide or talkback can be switched according to your using requirement. It is widely used for travelling, meeting, museum visiting, coaching, education and other wireless synchronous translation.

Product Features

- 780-850MHz UHF frequency band guarantees interference-free reception
- 10 sets of systems can be used at the same time without mutual interference
- More than 100m long operation range, the maximum in open area can be 300m
- Supports wireless talkback function, switch the mode of tour guide or talkback according to your using requirements
- LCD-display indicates the battery level, receiving signal strength as well as the current channel to control the working state anytime
- Adopts intelligent AGC audio signal processing technology for high sound capture capability and high quality sound reproduction
- Powered by high capacity lithium-ion battery, playtime is more than 12hrs
- Light and durable aluminum alloy construction
- Supplied with special charger and portable aluminum case for convenient outdoor using

Function Buttons Instruction

- Power on/off Switch:
Turn on the power supply, the power indicator LED ② will light. The system will automatically set up the same frequency as last operating channel for the transmitter or receiver.
- Power Supply and Charging Indicator:
When the transmitter or receiver battery power is full, it will turn green; When the power is lower than one segment, it will turn red; When there's no signal for receiver, the green light will flicker; When there's normal signal for receiver, the indicator lights green permanently; When recharging, it will light red; When battery is fully charged, the red light will turn green. (Remark: It should be recharged while the system is powered off)
- SET Setting Buttons:
A. Mute: The microphone signal mute for transmitter(short press the button for mute or cancelling mute).



Transmitter



Receiver

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Installation/Recharging Instruction

- If you would like to wear the body-pack at your waist, please first fix one side of the hook into one of the holes in the middle of the system, stretch the hook to the width of the body-pack and then fix the other side of the hook into the corresponding hole. Take care that the body-pack is not scratched by the hook.
- For recharging, please plug the adaptor into power supply and insert DC port to one of the DC female socket of the charger. The indicator of the charger will light, which means the charger is working. The body-pack can be put inside the charger for recharging.
- As shown in the picture, the body-pack hook should be placed inside the gap of the charger. Make sure you have put them in correct direction and gently press down to make sure they are well connected. The indicator lights red when recharging and turns green when it is fully recharged.
- If several units need recharging at the same time, please connect the charger units by metal connecting sheets and screws, and connect the chargers with DC connecting bars. 10 groups of chargers (20pcs of body-pack units) can be recharged at the same time.



pic 1

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

complied with transmitter; if not, adjust the channels to the same one as transmitter to receive the signal of the transmitter. Please note only allows speaking with transmitter; the receiver is only for receiving signal. If the sound volume is not suitable, please adjust volume+ or volume- on the side. The tour guide mode is usually used for long time speech, presentation and travel introduction.

2. Plug the headset that supplied for the transmitter and receiver into MIC socket; then set the transmitter to talkback mode (see the setting method in "Function Buttons Instruction"), and match the receiver channel with the transmitter channel for the communication. When you would like to speak, you should always press the button on the headset. You will hear a sound "di" from the headset and can listen to (monitor) your own voice. Loosie the button for stopping speaking. During talking, one group only allows one unit of the system to transmit signal at the same time, other units can only receive the transmitter signal.

3.Recharging

See "Recharging Instruction" on page 3, the recharging time is about 4 hours.

Caution/Maintenance

- The system has been adjusted by technician before delivery. In order to avoid damaging, do not open and repair it by non-technician.
- Do not expose the system directly to dust, moist, high temperature and magnetic fields, as there may affect the service life.
- Battery belongs to consumption part, it is not within the after-service range, please use the battery supplied by manufacturer when you want to change the battery.
- If the battery is at low power, please recharge in time.

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Charger

CG-12 Charger	1pc
DC Connecting Bar	1pc
Metal Connecting Sheet	1pc
Package: Kraft Box	1pc



Charger

Packing List for Full Aluminum Case Set

Aluminum Case	1pc
CG-12 Charger	10pcs
Power Adaptor	1pc
WTG-900 Transmitter	1set
WTG-900 Receiver	19sets
DC Connecting Bar	9pcs

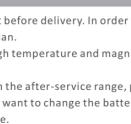


Aluminum Case

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Transmitter

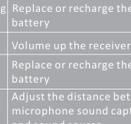
WTG-900T Transmitter	1pc
Headworn Microphone	1pc
Single-side Clip-on Headset(L)	1pc
Single-side Clip-on Headset(R)	1pc
Sponge Earpads	5pcs
Windscreens	5pcs
Lavalier Microphone	1pc
Li-ion Battery (inlay)	1pc
Bodypack Hook	1pc
Hanging Strap	1pc
User Manual	1pc
Package: Kraft Box	1pc



Headworn Microphone

Receiver

WTG-900R Receiver	1pc
Single-side Clip-on Headset(L)	1pc
Single-side Clip-on Headset(R)	1pc
Sponge Earpads	5pcs
Li-ion Battery (inlay)	1pc
Hanging Strap	1pc
Bodypack Hook	1pc
Package: Kraft Box	1pc



Single-side Clip-on headset

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

- The recharging time is about 4 hours. After recharging, please shut off power in time and do not recharge for a long time.
- Do not set the system in the charger for a long period of time (over one month), as there may affect the service life of charger and system.
- If the system is not in use for a long time, please remember to maintain the battery at regular period. Generally, please recharge the battery at least once per two months so as to avoid battery damage.
- For any technical question regarding operation, service or accessories, please contact your local distributor.

Specification

Frequency Range:	50Hz-12KHz
Transmit Frequency Response:	780-850MHZ
Number of Channels:	100
Operating range:	≥100m(the maximum in open area can be 300m)
Transmit Power:	≤10dBm
Receiving Sensitivity:	-120dBm
S/N Ratio:	≥60dB
Playtime:	Approx. 12hrs
Recharging Period:	Approx. 4hrs
Battery Specification:	3.7V/950mAh polymer lithium-ion battery

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Troubleshooting

TROUBLE	POSSIBLE REASON	SOLUTION
No sound	The microphone or headset is not plugged completely	Pull out the microphone or headset and replug
	The battery of transmitter is running out of power or in low power	Replace or recharge the battery
	The receiver is set at low volume	Volume up the receiver
Power indicator does not light	The battery is running out of power or in low power	Replace or recharge the battery
	Volume of input power is too high	Adjust the distance between microphone sound capturing and sound source
Extreme loud sound or sound distortion	Volume of headphone is too high	Adjust the headphone volume to a proper level
	Weak signal or interference	Do not get too far away from transmitter(<100m) or adjust the channel
Loud noise or no signal	Weak signal or interference	Do not get too far away from transmitter(<100m) or adjust the channel
Transmitter/Receiver automatically power off-no signal	Low battery power	Replace or recharge the battery

WTG-900 WIRELESS DIGITAL TOUR GUIDE SYSTEM

Charger

CG-12 Charger	1pc
DC Connecting Bar	1pc
Metal Connecting Sheet	1pc
Package: Kraft Box	1pc



Charger

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DC Connecting Bar	