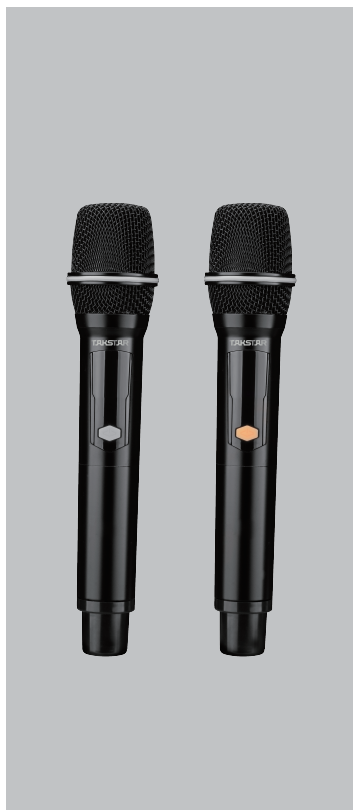


TAKSTAR® 得胜

WDA-900L/WDA-1200



便携式移动音箱

Portable Trolley Speaker

用户手册
User Manual

前言

尊敬的用户：

感谢您选购 TAKSTAR WDA -900L / WDA -1200 便携式移动音箱，WDA 系列是一款集有线，无线两用、多功能、大功率有源移动音箱。采用双通道UHF设计，可两支麦克风同时使用。具有高保真音色、频率响应宽、失真度低、性能稳定、低噪音等特点。充电电路设低电量提示功能，配备伸缩式拉杆，方便音箱的移动和携带，是教学培训、演讲、户外宣传、广场舞蹈等活动的好帮手。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 400 682 8333 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

- 配置UHF双通道无线麦克风，传输更可靠，可多套同时使用
- 具有多路独立音量控制和EQ音效、ECHO混响调节，适应多种场所的使用需求
- 具有音乐播放功能，支持U盘和SD存储卡上的多媒体音频文件播放
- 具有蓝牙功能，可连接手机、电脑、PAD等蓝牙设备播放音乐
- 具有外置12V电源接口，可根据实际需要延长音箱续航时间
- 配置TWS功能,两只音箱可进行无线配对连接进行现场扩声
- 采用DSP方案，具有音乐原声消唱功能，随时随地体验卡拉OK
- 配置RCA音频接口和有线麦克风接口，方便连接外部音源和有线麦克风输入
- 内置大容量11V /10000m Ah可充电锂电池，适用于户内或户外场合使用

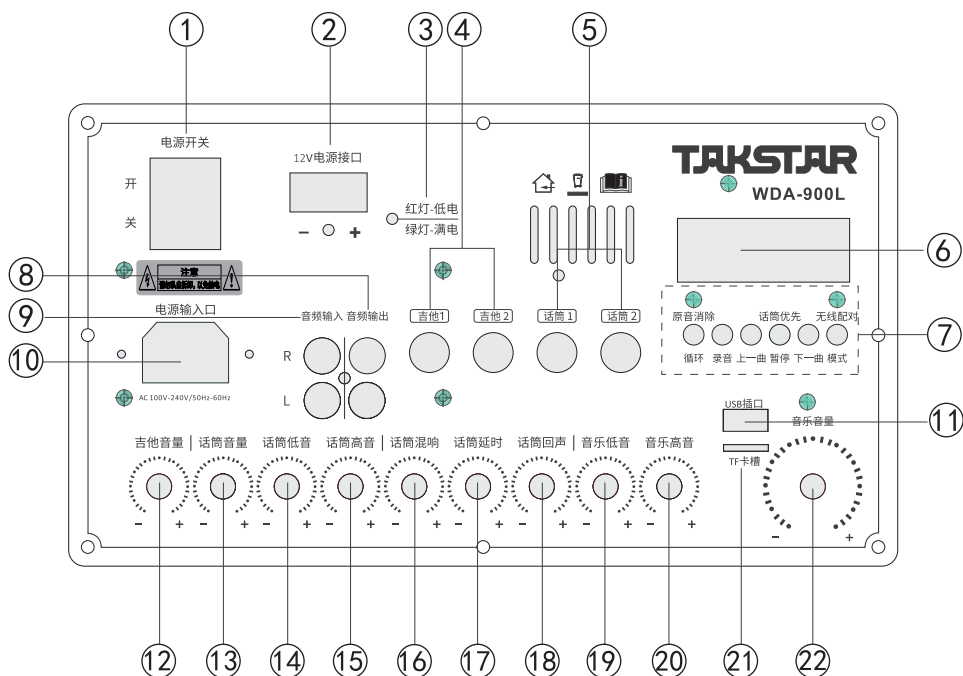
技术参数

技术参数 / 产品型号	WDA-900L	WDA-1200
低音	10英寸35芯120磁4Ω	12英寸35芯140磁4Ω
中音	/	6.5英寸25芯80磁 4Ω
高音	高音：25芯 80磁8Ω	25芯 80磁4Ω
主机体积（长*宽*高）	300*310*520mm	355*325*650mm
净重	约14Kg	约17.5Kg
额定功率	80W	120W
灵敏度	95dB	96dB
频率响应	80Hz-18KHz	70Hz-19KHz
总谐波失真	≤0.8%	
工作时间	约6小时	
充电时间	约5小时	
功放类型	D类	
电源电压	AC 100V-240V /50Hz-60Hz	
内置电池	11V /10000m Ah可充电锂电池	
UHF频率范围	640MHz-690MHz	
无线麦克风灵敏度	-80dBm	
无线麦克风频率响应	145Hz-20KHz	
无线麦克风电池使用时间	10小时（视电池容量而有所差异）	
无线麦克风使用距离	50M（空旷地带）	
工作温度	-10℃-45℃	

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

标准配置：

音箱×1 UHF无线麦克风×2 AC电源线×1 AA电池×4 说明书×1



1. 电源开关：打开或关闭音箱电源
2. 12V电源接口：辅助电源接口（接12V10A以上的电池）
3. 充电指示灯：绿灯闪亮表示正在充电，充满常亮绿灯，低电常亮红灯
4. 吉他接口：吉他乐器输入接口
5. 麦克风接口：有线麦克风输入接口
6. 显示屏：操作信息显示屏
7. 功能按键：模式/无线配对按键 ---- 按键短按为模式选择，可以对输入信号来源进行选择，长按约3秒为两只音箱配对（需要两只相同的音箱，在蓝牙模式下主箱长按3秒出现OFF字样松开按键音箱将自动进行配对，当副箱显示SLAV字样后，表示配对成功）
上一曲/下一曲按键：按动该按键对歌曲进行切换（蓝牙、U盘、TF卡播放状态下）
暂停/话筒优先按键：按键短按为“暂停、播放”功能（蓝牙、U盘、TF卡播放状态下）长按2-3秒为话筒优先功能（音乐播放状态下，麦克风有拾音则会打断正在播放的音乐）

循环/原音消除：在蓝牙、U盘和TF卡播放状态下，短按此键为单曲循环，再次短按为全部循环，长按2-3秒为消除原音功能

录音按键：插入U盘（有存储空间），在蓝牙、外部音源输入模式状态下，长按此按键开始录音，录音文件（包括话筒声音）保存在U盘，需要播放录音文件，需切换到U盘播放模式，然后点按“REC”按键，即可对录音文件进行播放

8. 音频输出：音源输出莲花接口

9. 音频输入：通过双莲花接口，连接外部音源(DVD、CD、电脑、MP3播放器、手机等) 进行扩音

10. 电源输入口：AC220V/50HZ电源输入插座，为音箱充电

11. USB接口：U盘插入USB插口，主机将自动播放已储存的歌曲

12. 吉他音量：顺时针调大吉他音量，逆时针调小吉他音量

13. 话筒音量：顺时针调大麦克风音量，逆时针调小麦克风音量

14. 话筒低音：顺时针提升麦克风低频，逆时针衰减麦克风低频

15. 话筒高音：顺时针提升麦克风高频，逆时针衰减麦克风高频

16. 话筒混响：顺时针增加麦克风混响，逆时针衰减麦克风混响

17. 话筒延时：顺时针增加麦克风延时，逆时针减少麦克风延时

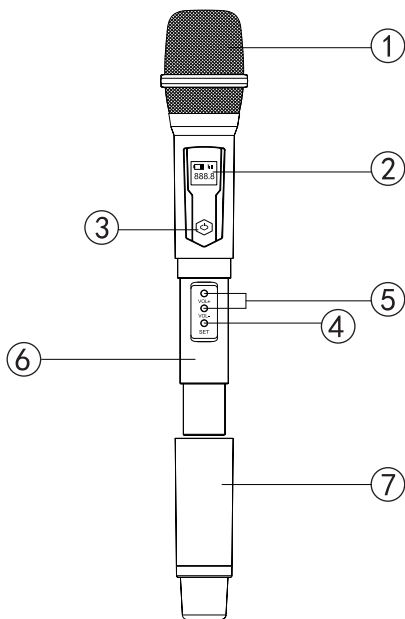
18. 话筒回声：顺时针增加麦克风混响深度，逆时针衰减麦克风混响深度

19. 音乐低音：顺时针提升音乐信号低频，逆时针衰减音乐信号低频

20. 音乐高音：顺时针提升音乐信号高频，逆时针衰减音乐信号高频

21. TF卡槽：TF卡插入该插口，主机将自动播放已储存的歌曲

22. 音乐音量：顺时针调大音乐音量，逆时针调小音乐音量



1. 拾音头：话筒通过此端进行拾音
2. 显示屏：显示电池电量，麦克风信号强度，当前麦克风使用的通道、频率和对应的频道，以及麦克风设置的输出音量等信息
3. 麦克风电源开关：轻触开关键，点按开机，然后显示频率、电池电量，射频及通道符号。长按关机（长按时间1.5S左右），关机显示“OFF”，持续时间1.5S左右完成关机动作；话筒在关机状态下，长按开关键持续5S可对话筒A/B通道进行切换。
4. 设置键（SET）：点按设置键频道加“1”，界面显示CHxx（xx表示当前频道值），长按（长按时间大概2S左右）频道值快速循环变化，无按键操作2S后返回频率显示界面，共48个频点可调
5. 话筒音量键（VOL+/VOL-）：点按音量加或减“1”，界面显示ULxx（xx表示音量值）；长按音量加或减按键（长按时间2S左右），音量快速变化到最大值或最小值，无按键操作2S后返回频率显示界面；音量调节范围1-10。
6. 电池槽：1.5V/AA电池安装处，注意电池极性不要安装反
7. 后盖

对频操作：音箱在开机状态且话筒在关机状态下，同时长按话筒SET键和开关机键（2S左右）进入对频，显示屏动态显示“PAIR”，持续9S左右对频成功并退出对频状态；对频完成后，话筒与音箱完成锁定。

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. 若产品需要使用可拆装电池时，严禁使用外壳绝缘材料破损的电池；请不要为非充电电池充电
4. 废弃电池需放入指定的分类垃圾桶，不可作为儿童玩具或直接丢弃，以免造成安全隐患或影响环境
5. 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
6. 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
7. 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
8. 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
9. 本产品内置的喇叭磁场较强，请将产品放置距离电脑或者电视机60CM以上的地方使用
10. 本产品内置可充锂电池，如长时间不使用请务必每三个月对本产品进行充电，建议每次使用后及时充电
11. 如需要换锂电池，参数必须与原配置的参数一致，且将已损坏的锂电池做合理的处理
12. 远离高温：请不要将本产品放置在高温的位置
13. 请将本产品放置在通风的环境
14. 请不要将本产品放置潮湿环境的地方
15. 拔出电源线前，请先关闭产品的电源
16. 如长时间不使用，应把电源线拔出，断开电源
17. 应将本产品放置在通风良好的位置，建议与周围物体留出10CM以上的间隙。通风孔不要覆盖诸如报纸、桌布和窗帘等物品而妨碍通风
18. 本产品应当连接到带保护接地连接的电网电源输出插座上



仅适用于海拔2000
米以下地区使用



仅适用于非热带
气候条件下使用

Preface

Dear Customer,

Thank you for purchasing the TAKSTAR WDA-900L/WDA-1200 Portable Trolley Speaker, which features high fidelity sound, wide frequency response, high power, stable performance, as well as low distortion and noise. Utilizing dual-channel UHF design, you can use it with two wireless microphones simultaneously in various occasions such as training, speech, outdoor promotions and dance parties. In order to better understand and use this product, please read the user manual carefully before use.

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

Features

- UHF dual channels for reliable transmission and using multiple sets together simultaneously.
- Independent volume controls, EQ, Echo and Reverb, adaptable to various occasions.
- Playback of multimedia audio files stored on USB drive and SD card.
- Bluetooth playback of music from devices like PC, phone and tablet.
- With 12V power interface for extending speaker playtime using external power supply.
- TWS mode to pair two speakers together wirelessly for stereo performance.
- DSP Vocal Removal function allows you to enjoy karaoke anywhere, anytime.
- RCA audio and wired mic interface for connecting external audio source and wired mic.
- Built-in 11V/10,000 mAh rechargeable Li-ion battery, suitable for indoor/outdoor use.

Technical Specifications

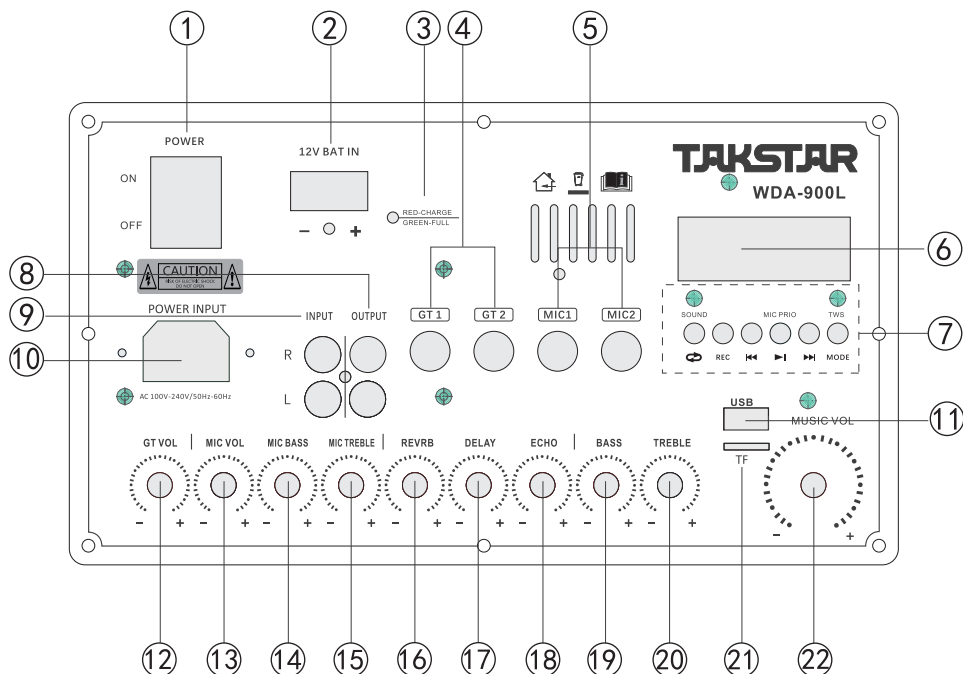
Technical Specifications/ Speaker Model	WDA-900L	WDA-1200
Bass	10", 35mm voice coil, 120mm magnet, 4Ω	12", 35mm voice coil, 140mm magnet, 4Ω
Mid	/	6.5", 25mm voice coil, 80mm magnet, 4Ω
Treble	25mm voice coil, 80mm magnet, 8Ω	25mm voice coil, 80mm magnet, 4Ω
Dimensions (L*W*H)	300*310*520mm	355*325*650mm
Net Weight	about 14kg	about 17.5kg
Rated Power	80W	120W
Sensitivity	95dB	96dB
Frequency Response	80Hz-18KHz	70Hz-19KHz
THD	≤0.8%	
Operation Time	about 6h	
Charging Time	about 5h	
Amplifier Type	Class-D	
Supply Voltage	AC 100V-240V /50Hz-60Hz	
Built-in Battery	11V/10,000mAh rechargeable li-ion	
UHF Range	640MHz-690MHz	
Wireless Mic Sensitivity	-80dBm	
Wireless Mic Frequency Response	145Hz-20KHz	
Wireless Mic Battery Life	10h (subject to battery capacity)	
Wireless Mic Operating Range	50m (open area)	
Operating Temperature	-10℃-45℃	

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

Standard Configuration:

1 × Speaker 2 × UHF Wireless Mic 1 × AC Power Cord 4 × AA Battery
1 × User Manual

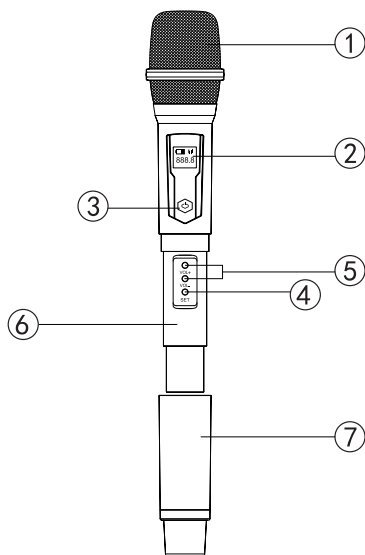
Panel Function Description



1. **POWER SWITCH:** Turn the speaker's power on or off.
2. **12V POWER IN:** Auxiliary power input (for external battery above 12V/10A).
3. **CHARGING LED:** Flashing green during charging, solid green when fully charged, and solid red if low power.
4. **GUITAR 1/2:** Input port for guitar instruments.
5. **MIC 1/2:** Input port for wired mics.
6. **DISPLAY SCREEN:** Display screen for operation info.
7. **FUNCTION BUTTONS**
 - 1) **MODE/TWS:** Short press to select mode and choose input signal source. Long press for about 3s to pair two identical-model speakers for stereo setup. Set the two speakers in Bluetooth mode in close proximity, long press this button on the main speaker for 3s until its screen displays OFF to initiate pairing process. When the secondary speaker displays SYNC, TWS pairing is successful.

Panel Function Description

- 2) PREV/NEXT TRACK: Press to switch songs (in Bluetooth, USB, and TF card playback mode).
- 3) PAUSE/MIC-PRIORITY: Short press to Pause/Play (in Bluetooth, USB, and TF card playback mode). Long press for 2-3s to activate mic priority (during music playback, the mic sound will interrupt the playing music).
- 4) REPEAT/VOCAL-CUT: In Bluetooth, USB, and TF card playback mode, short press to repeat a single track; Press again to repeat all tracks. Long press for 2-3s to remove vocals from songs.
- 5) RECORD: Insert a USB flash drive with available storage space, and in Bluetooth or external audio input mode, long press to start recording. The recorded files, including mic sound, will be saved on the USB drive. To play the recorded files, switch to USB playback mode and press REC button to play the recording.
8. AUDIO OUTPUT: RCA interface for audio output.
9. AUDIO INPUT: Connect external audio sources (e.g., DVD, CD, computer, MP3 player, phone) via dual-RCA cable.
10. AC 220V IN: AC 220V/50Hz power input for charging the speaker.
11. USB PORT: Insert a USB drive to auto play songs stored within it.
12. GUITAR VOL: Rotate clockwise to increase guitar volume, and vice versa.
13. MIC VOL: Rotate clockwise to increase mic volume, and vice versa.
14. MIC BASS: Rotate clockwise to increase mic bass level, and vice versa.
15. MIC TREBLE: Rotate clockwise to increase mic treble level, and vice versa.
16. MIC REVERB: Rotate clockwise to increase mic reverb level, and vice versa.
17. MIC DELAY: Rotate clockwise to increase mic delay, and vice versa.
18. MIC ECHO: Rotate clockwise to increase mic echo effect, and vice versa.
19. MUSIC BASS: Rotate clockwise to increase music bass level, and vice versa.
20. MUSIC TREBLE: Rotate clockwise to increase music treble level, and vice versa.
21. TF SLOT: Insert a TF card to auto play songs stored within it.
22. MUSIC VOL: Rotate clockwise to increase music volume, and vice versa.



1. CARTRIDGE: The element that captures sound.

2. DISPLAY SCREEN: Displays battery power, mic signal strength, current mic channel, frequency, corresponding channel, and output volume settings.

3. MIC POWER BUTTON: Short press to power on, and then show frequency, battery power, RF, and channel info. Long press about 1.5s to power off, the screen will display OFF for about 1.5s. While powered off, long press for 5s to switch between mic channels A and B.

4. SET BUTTON: Short press to increase the channel by 1, the screen will display CHxx (xx represents the current channel value). Long press for about 2s to quickly cycle through the channel values. If there is no button operation for 2s, it will return to the frequency display interface. There are a total of 48 adjustable frequency points.

5. MIC VOL+/VOL-: Short press the volume up or down button to increase or decrease the volume by 1, the screen will display ULxx (xx represents the volume value). Long press for about 2s to quickly change the volume to the maximum or minimum value. If there is no button operation for 2 seconds, it will return to the frequency display interface. The volume can be adjusted from 1 to 10.

6. BATTERY COMPARTMENT: For installing 1.5V/AA batteries. Please observe battery polarity.

7. BOTTOM COVER

PAIRING OPERATION: When the speaker is powered on and the mic is powered off, simultaneously press and hold the mic SET button and power button for about 2s to enter pairing mode, the screen will show PAIR dynamically. The pairing process takes about 9s. Once paired successfully, the mic is link-locked to the speaker.

Cautions

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. Never use battery with damaged insulation should a detachable battery is required; Do not charge a non-rechargeable battery.
4. Dispose the waste battery in designated waste bin as per refuse classification; do not use as children toy or discard directly to avoid safety hazard or environmental damage.
5. 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.
6. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
7. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
8. 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.
9. Put this product at least 60cm away from PC or TV due to its strong magnet inside.
10. The product has a built-in rechargeable lithium-ion battery. Please recharge once every three months if not used for extended periods. Recommended to recharge timely after each use.
11. Only use lithium-ion battery of the same specifications as the original for replacement. Dispose any obsolete battery properly.
12. Keep away from high temperature.
13. Place in a ventilated area.
14. Keep away from humid areas.
15. Turn off the product power before unplugging the power cord.
16. Unplug from power source when not used for extended periods.
17. Place in a well-ventilated area, recommended to be at least 10cm away from surrounding objects. Do not block ventilation openings with objects such as newspaper, table cloth and curtain.
18. The product should be connected to a mains outlet with grounding protection.



Suitable only for altitudes below 2,000m



Suitable only for non-tropical climates

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（不包含港澳台地区）。

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



扫一扫，了解更多产品
Scan for more
product information

广东省电声工程技术研究中心 广东得胜电子有限公司制造

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 Yi Rd., Longxi Boluo

Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com