

# TAKSTAR® 得勝

## WDA-900



**扩音器 (移动音箱)**  
Amplifier (Mobile speaker)

**用户手册**  
User Manual

## 前言

尊敬的用户：

感谢您选购TAKSTAR WDA-900有源移动音箱，WAD-900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 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

- 多功能、大功率有源音箱系统，音频输出功率高达80W；
- 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；
- 具有音乐原声消唱功能，随时随地体验卡拉OK；
- 配置3.5mm、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12V/9Ah 铅酸电池，适用于户内或户外场合使用；

## 产品技术参数

主机型号：WDA-900

功放类型：D类

额定功率：80W

低音：10英寸35芯120磁4Ω

高音：25芯 80磁4Ω

频率响应：80Hz-15KHz

电源电压：AC 100V-240V /50Hz-60Hz

内置电池：12V/9Ah可充电铅酸电池

工作时间：3-6小时

充电时间：3-5小时

总谐波失真  $\leq 0.5\%$

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：100Hz-10KHz

无线麦克风使用距离：50M（空旷地带）

无线麦克风电池使用时间：10小时

工作温度：-10°C-45°C

主机体积（长\*宽\*高）：300\*310\*520mm

重量：净重15Kg

### 标准配置：

WDA-900音箱×1

遥控器×1

UHF无线麦克风×2

AC电源线×1

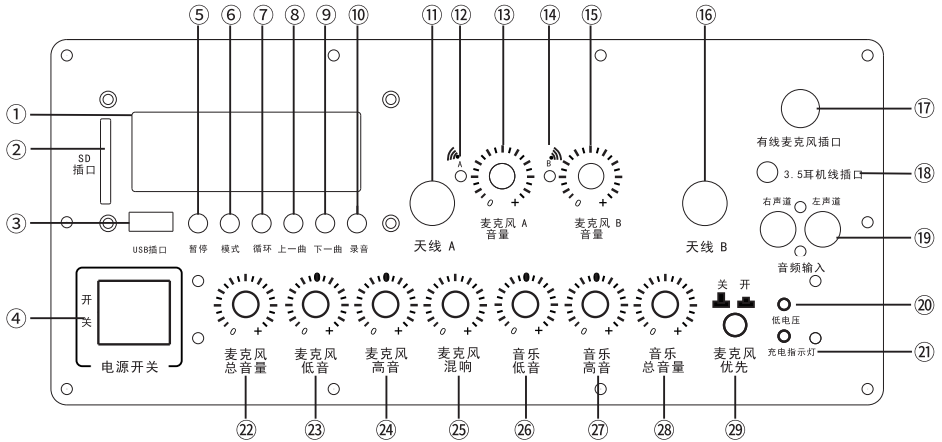
AA电池×4

AAA电池×2

UHF天线×2

说明书×1

## 面板功能介绍



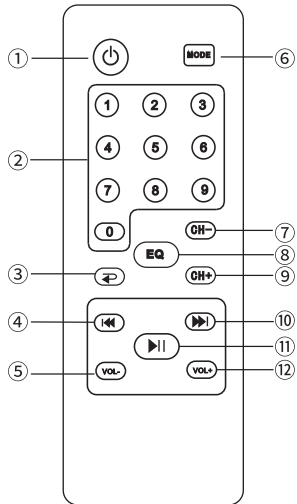
- ①液晶显示屏：显示扩音器工作模式及状态
- ②SD卡插口：把SD卡插入SD插口，主机将自动播放已储存的歌曲
- ③USB插口：把U盘插入USB插口，主机将自动播放已储存的歌曲
- ④电源开关：开启、关闭主机电源；
- ⑤音乐暂停/播放键：点按为播放/暂停功能
- ⑥模式转换：轻触此键切换蓝牙、线路输入、媒体播放模式，长按此键开启或关闭消除原音功能
- ⑦循环播放：轻触按键可切换单曲循环或全部循环模式播放
- ⑧上一曲音乐：轻触按键可播放上一首歌曲
- ⑨下一曲音乐：轻触按键可播放下一首歌曲
- ⑩录音功能：插入USB/SD卡,按录音功能键，用麦克风进行讲话或唱歌，此音频将录制到 USB/SD卡中储存，再按此功能键结束录音，再次插入USB/SD卡将播放录入的音频
- ⑪无线麦克风A天线接口：接上外接天线增强信号
- ⑫无线麦克风A信号灯：无线麦克风A连接上时，此灯会亮
- ⑬无线麦克风A音量控制旋钮
- ⑭无线麦克风B信号灯：无线麦克风B连接上时，此灯会亮
- ⑮无线麦克风B音量控制旋钮
- ⑯天线麦克风B天线接口：接上外接天线增强信号-
- ⑰有线麦克风插口
- ⑱3.5耳机座插口：通过3.5mm接口音频线，连接外部音源(DVD、CD、电脑、MP3播放器、手机等)进行扩音
- ⑲RCA立体声音频输入接口：通过双莲花接口音频线，连接外部音源(DVD、CD、电脑、MP3播放器、手机等)进行扩音
- ⑳低电量指示灯：此灯亮红灯表示电池电量将耗尽,需尽快充电

## 面板功能介绍

- ⑲ 充电指示灯：此灯在充电过程中亮红灯,充满电后亮绿灯
- ⑳ 麦克风总音量调节旋钮
- ㉑ 麦克风低音调节旋钮
- ㉒ 麦克风高音调节旋钮
- ㉓ 麦克风混响调节旋钮:调节麦克风混响回音时间长短
- ㉔ 音乐低音调节旋钮
- ㉕ 音乐高音调节旋钮
- ㉖ 音乐总音量调节旋钮
- ㉗ 麦克风优先功能键:在音乐播放状态下,按下此键会优先麦克风输出,此按键弹出恢复至原状态

## 遥控器介绍

- ① 电源按键
- ② 数字按键：歌曲目录选择
- ③ MP3重复模式选择
- ④ 上一曲
- ⑤ 音量减小
- ⑥ 模式选择
- ⑦ 收音机频道-
- ⑧ EQ控制按键（模式为：常规/流行/摇滚/爵士/经典/乡村）
- ⑨ 收音机频道+
- ⑩ 下一曲
- ⑪ 播放/暂停
- ⑫ 音量增加



注：此遥控用1对AAA号电池

# 无线麦克风使用指南

## 1. 开关机操作

开机：装入两节1.5V/AA号电池，短按开机，长按关机。（请注意电池的正负极不要装反）

## 2. 频率切换操作

使用中若出现杂音，通讯距离短，接收到其它音响无线麦克风信号时，可能频率受到干扰，可通过切换频率避开干扰。操作方法：在开机的状态下按动调频键选择你需要的频率（共有16通道），循环调频音箱接收端会自动同步，如要选择更多频道，可重复以上操作。（如果切换频率还没解决干扰问题，可参照第3步骤的操作方法）

## 3. ID锁码/对码操作

音箱先关机，无线麦克风关机的状态下按住对码键不放，再按住电源开关不放待显示屏闪2秒左右后松开对码键和开关键，打开音响电源开关，约3秒左右按一下无线麦克风对码键退出完成对码，音箱无线麦克风指示灯长亮表示锁码对码成功。

一对麦克风可与多个主机对码绑定，绑定后多个主机都会接收这对麦克风的信号，当不需要绑定的时候，只需要把麦克风和你需要绑定的音箱对码即可，如果你的麦克风坏了，需要向厂家换取一支新的无线麦克风时，必须要参照此步骤。

## 4. 麦克风恢复出厂设置操作

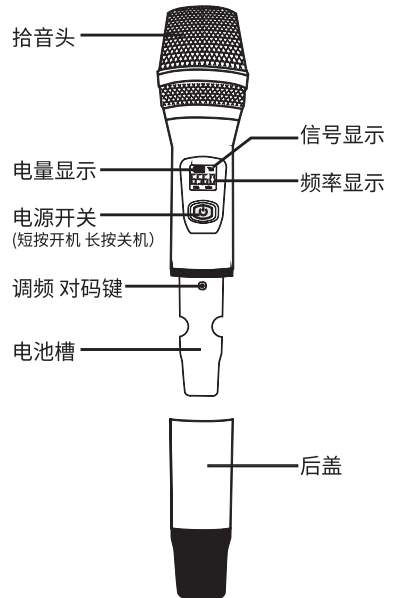
在不装电池的情况下按紧“对码键”不放，然后装上电池，并松开“对码键”即完成设置恢复到出厂状态。（恢复后再和你需要绑定的音箱对码才有声音）

## 5. 关于电池的使用时间

当显示屏电量指示框闪烁的时候，提醒你可以准备新的电池了，由亮慢慢变暗然后再长亮或者整个显示屏都在闪烁，这时电池电量已经耗尽或者不能供麦克风正常工作，请及时更换电池。

## 6. 注意事项

- 1) 麦克风应放到儿童接触不到的地方
- 2) 麦克风不用时应把电池取出放置
- 3) 正常使用时请不要乱按设置键
- 4) 当麦克风出现自动关机时，请更换电池



## 注意事项

为避免电击、过高温度、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坠落危险；
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. 本产品内置可充电铅酸电池，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. 如需要换铅酸电池，参数必须与原配置的参数一致，且将已损坏的蓄电池做合理的处理；
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. 只能使用本机附送或同规格电源适配器。若产品无附送电源适配器时，可在2000米以下高度及热带和寒冷气候条件下正常使用；若产品有附送电源适配器时，适用海拔及气候条件由适配器决定，使用前请阅读并理解适配器上的图标含义。示例如下：



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 TAKSTAR WDA-900 active speaker cabinet which is designed with wired/wireless microphone applications. WDA-900 features multifunction, high power output, dual channel UHF design for two microphones operation simultaneously, hi-fi sound, wide frequency response, low distortion, reliable performance, low noise, low power voltage indication of the charging circuit, telescopic handle for convenient moving. This active speaker cabinet suits for the applications in training, speech, outdoor propaganda, square dance, etc. 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

- Multifunction high power active speaker system, audio output power up to 80W
- Designed with UHF dual channel wireless microphone, reliable transmission; Multiple sets can be used simultaneously
- Independent channel volume control and EQ and ECHO adjustment to suit for multiple applications
- Music playing function to play the multimedia audio files in USB stick or SD card
- Bluetooth function to link with cell phone, PC, PAD to play music
- Original music deleting function to experience Karaoke freely
- 3.5mm/RCA/mic in connectors to connect with external audio source or microphone input
- High capacity 12V/9Ah lead-acid battery to suit for indoor or outdoor applications

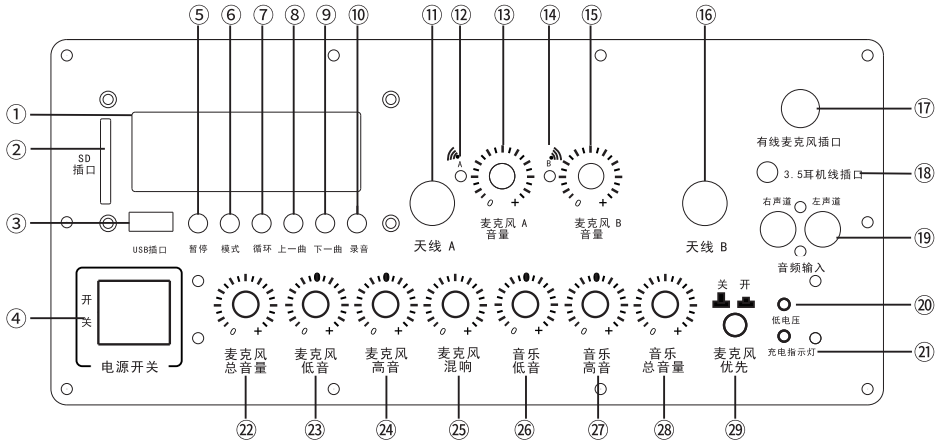
## Specification

Model: WDA-900	THD: $\leq 0.5\%$
Power Amplifier Type: class D	UHF Frequency Range: 640MHz-690MHz
Rated Power: 80W	Wireless Microphone Sensitivity: -80dBm
LF: 10 inch 35mm 120 magnet 4 $\Omega$	Wireless Microphone Frequency Response: 100Hz-10KHz
HF: 25mm 80 magnet 4 $\Omega$	Wireless Microphone Operation Range: 50m(open area)
Frequency Response: 80Hz-15KHz	Wireless Microphone Battery Operation Time: 10h
Power Supply: AC 100V-240V /50Hz-60Hz	Operation Temperature: -10°C-45°C
Built-in Battery: 12V/9Ah rechargeable lead-acid battery	Dimension(L*W*H): 300*310*520mm
Operation Time: 3-6h	Net Weight: 15Kg
Charging Time: 3-5h	

### Product Content:

WDA-900 speaker cabinet $\times 1$	Remote control $\times 1$
UHF wireless microphone $\times 2$	AC power cord $\times 1$
AA battery $\times 4$	AAA battery $\times 2$
UHF antenna $\times 2$	User manual $\times 1$

## Panel Function



- ①LCD: it displays the amplifier operation mode and status.
- ②SD card port: insert SD card into this port, and then the active speaker cabinet plays the songs in the card.
- ③USB interface: insert USB stick into this interface, and then the active speaker cabinet plays the songs in the USB stick.
- ④Power switch: it turns on/off the speaker cabinet.
- ⑤Music pause/play button: press this button to pause or play music.
- ⑥Mode switching: press the button shortly to switch Bluetooth or line in or media playing mode. Keep pressing the button to turn on/off original sound function.
- ⑦Repeat: press this button to switch the playing mode of repeat single song or all songs.
- ⑧Previous song: press this button to play the previous song.
- ⑨Next song: press this button to play the next song.
- ⑩Recording function: insert USB stick or SD card. Press this button and speaker or sing to the microphone, and the speaking or singing content will be recorded in USB stick or SD card. Press this button again to stop recording. Insert USB stick or SD card again to play the recorded content.
- ⑪Antenna A connector: connect with antenna to promote signal receiving.
- ⑫Wireless microphone A signal LED: when wireless microphone A is connected, this LED lights up.
- ⑬Wireless microphone A volume knob;
- ⑭Wireless microphone B signal LED: when wireless microphone B is connected, this LED lights up.
- ⑮Wireless microphone B volume knob;
- ⑯Antenna B connector: connect with antenna to promote signal receiving.
- ⑰Wired microphone connector

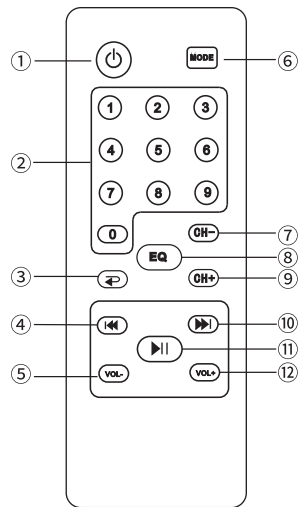


## Panel Function

- ⑱ 3.5 headphone connector: it connects with external audio source (DVD, CD, PC, MP3 player, cell phone, etc) via audio cable.
- ⑲ RCA audio connector: it connects with external audio source (DVD, CD, PC, MP3 player, cell phone, etc) via audio cable.
- ⑳ Low power LED: this LED lights up red means low power voltage. Please recharge in time.
- ㉑ Charging LED: this LED lights up red during being charged. After being charged fully, it lights up green.
- ㉒ Microphone master volume knob;
- ㉓ Microphone bass knob;
- ㉔ Microphone treble knob;
- ㉕ Microphone echo knob: it adjusts the microphone echo time.
- ㉖ Music bass knob;
- ㉗ Music treble knob
- ㉘ Music master volume knob
- ㉙ Microphone priority button: during music playing status, press this button to output microphone signal first. Press this button again to stop microphone priority.

## Remote Control Introduction

- ① Power switch;
- ② Number buttons: they are used to select the song.
- ③ MP3 repeat mode selection
- ④ Previous song
- ⑤ Volume -
- ⑥ Mode selection
- ⑦ Radio channel -
- ⑧ EQ control button  
(mode: regular/popular/rock & roll/jazz/classic/country)
- ⑨ Radio channel +
- ⑩ Next song
- ⑪ Play/pause
- ⑫ Volume +



Note: the remote control uses two AAA batteries.

# Wireless Microphone Operation

## 1. Power switch

Assemble two 1.5V/AA batteries. Press this switch shortly to turn on the microphone. Keep pressing the switch to turn off (caution: do not assemble the batteries reversely).

## 2. Switching frequency

If noise appears, the system may receive the signal interference from other wireless microphone. You can switch frequency to avoid the interference. Operation: in turning on status, press the code matching button to select the frequency you want (totally 16 channels). The speaker cabinet will change frequency channel automatically. If you need more channels, repeat the operation above (if changing frequency channel can not solve the interference problem, refer to step 3).

## 3. ID code locking/matching operation

Turn off the speaker cabinet first. Keep pressing the code matching button when the wireless microphone is turned off, and keep pressing the microphone power switch till the screen flashes for 2 seconds, and then release the code matching button and power switch. Turn on the speaker cabinet power switch. After 3 seconds, press the code matching button of wireless microphone to exit the code matching. The LED of speaker cabinet wireless microphone keeps lighting up means the code matching is successful. One microphone can match with multiple speaker cabinets. If you want to cancel the code matching of one speaker cabinet, match this speaker cabinet with the microphone once again. If the microphone is broken, buy a new one from factory, and refer to this step to match the code.

## 4. Return to the factory setting

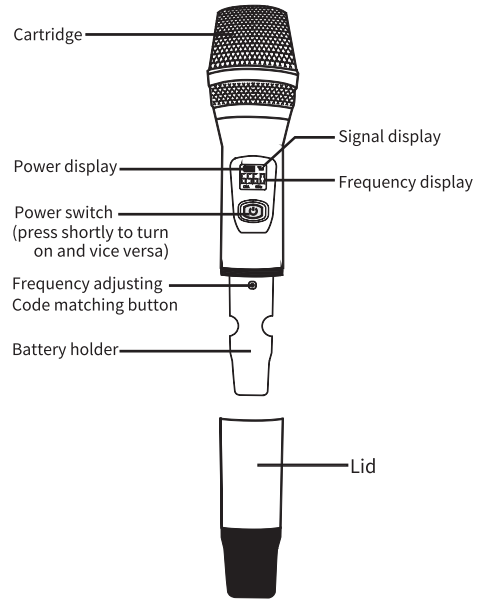
Keep pressing code matching button when the battery is disassembled. Assemble the battery and release the code matching button to return to the factory setting (after return to the factory setting, match the code of microphone with that of the speaker cabinet, and then the system has sound).

## 5. Battery operation time

When the battery symbol on the screen flashes, this means low battery voltage. If the symbol turns from bright to dark and then to bright or the whole screen flashes, this means the battery power has been used up. Please replace the battery in time.

## 6. Caution

- 1) The microphone should be put in the place which is hard to reach by children.
- 2) Take out the battery when the microphone is unused.
- 3) Do not press the set button during normal operation.
- 4) Replace the battery when the microphone turns off automatically.



## 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. Using battery of broken insulation material is forbidden to avoid short circuit. Please do not charge the non-rechargeable battery.
4. Put the waste battery into classification dustbin rather than used as toy by children or discarded directly to avoid potential danger or affecting the environment.
5. 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, vibra-ting, vent hole covered to avoid function destroyed.
6. When the product needs to be installed on wall or ceiling, please fix it tightly to avoid dropping risk.
7. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
8. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.
9. Due to the strong magnetic field of the speaker, please keep this product away from PC or TV more than 60cm away.
10. The built-in battery is lead-acid battery. If this product will not be used for a long time, please recharge it every three months. It is recommended to recharge it after operation.
11. Only use the lead-acid battery of same specification. Dispose the waste battery reasonably.
12. Please keep the product away from high temperature.
13. Please put the product in ventilated environment.
14. Do not put the product in humid environment.
15. Before disconnecting the power cord, please turn off the power switch first.
16. If the product will not be used for a long time, turn off the power switch and disconnect the power cord.
17. Only use the supplied power adapter or equivalent. Make sure the power voltage is right before connection. The applicable altitude and climate condition of this product is subject to the power adaptor, the meaning of the power adaptor icons is as below:



Applicable to the altitude below 2000m only



Applicable to the non-tropical climate condition only

# 产品服务保证书

## 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）。

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镇富康一路2号

## 环保说明



此标志适应于在中国销售的电子信息产品，依据2006年2月28日公布的《电子信息产品污染控制管理办法》以及SJ/T11364-2006《电子信息产品污染控制标识要求》，表示该产品在使用完结后可再利用。数字标识的是环境保护使用期限，只要遵守与本产品有关和使用的注意事项，从制造日算起在数字所表示的年限内，产品不会产生环境污染和对人体、财产的影响。

电池等附属品和产品一同包装的，产品和附属品的环保使用期限可能不同。

产品适当使用后报废的方法请遵从点在信息产品的回收、再利用相关法令。详细请咨询各级政府主管部门。

### 产品中所含有毒有害物质或元素的名称及含量

部分名称 (大体分类)	有毒有害物质或元素					
	铅 (Pb)	水银 (Hg)	镉 (Cd)	六价铬 (CrVI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机体 (金属部件)	×	○	○	○	○	○
实装基板/电器部件	×	○	○	○	○	○
线缆类	×	○	○	○	○	○

备注 X：表示该有毒有害物质在该部件所有均材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。

○：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。因为在当代技术下还没有可替代的物质。



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