

# TAKSTAR® 得胜



## EKAX-A 系列卡拉OK功放

EKAX-A Series Karaoke Amplifier

使用手册 | User Manual

# EKAX-A 系列卡拉OK功放

## ■ 前言

感谢您选购得胜EKAX-A系列卡拉OK功放,为了您能够更好地了解使用本产品,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

- 铝合金黑色拉丝面板,全金属机箱,大功率环形变压器;
- 1路HDMI、光纤、同轴输入、2路RCA音频输入、1路RCA音频输出满足不同设备搭配需求;
- 三路有线话筒输入,可实现话筒音量、高低音、混响、延时调节;
- 音频无线连接功能,可自动连接和交互控制;
- 带U盘播放器,支持播放MP3、WMA、FLAC、APE等多种音频文件;
- 自动散热系统和多功能保护电路,有效保证本机安全使用;
- 专业大动态功率放大线路,频率响应快,声音清晰有力度;
- 带红外线遥控器,远距离操控更方便。

## ■ 适用范围

适用家庭及小型娱乐室等场所

## ■ 产品配置

功放 .....	1台
说明书.....	1份
遥控器.....	1个
电源线.....	1条

# EKAX-A 系列卡拉OK功放

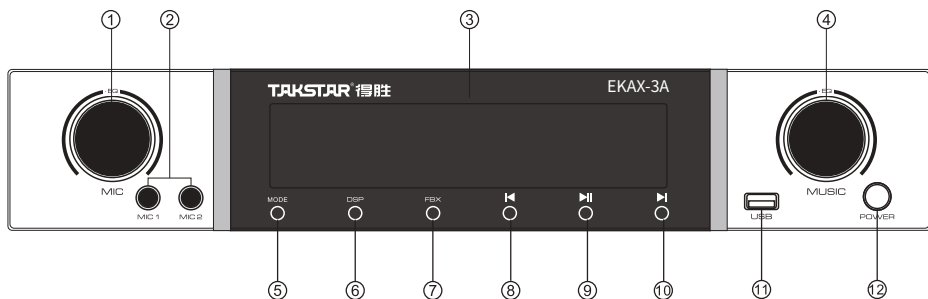
## ■ 技术参数

型号	EKAX-1A	EKAX-2A	EKAX-3A
额定功率	150W x 2	250W x 2	350W x 2
频率响应	20Hz~20kHz	20Hz~20kHz	20Hz~20kHz
线路输入灵敏度	280mV	280mV	280mV
信噪比	>75dB(A计权)	>75dB (A-weighted)	>75dB (A-weighted)
谐波失真	0.1%	0.1%	0.1%
麦克风输入灵敏度	25mV	25mV	25mV
尺寸	480x380x90mm	480x380x90mm	480x380x90mm
净重	9Kg	10.8Kg	12.5Kg
标准电源	AC-220V-240V/50-60Hz		

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

### 前面板

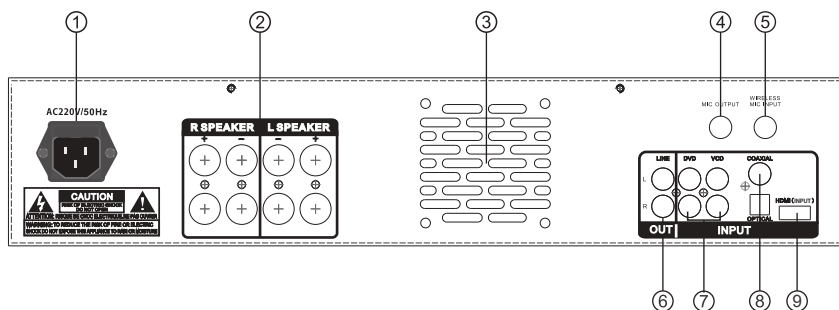


- ① 麦克风音量调节旋钮：按旋钮可切换并调节话筒音量、高中低音、混响、回声、延时等功能。
- ② 麦克风插孔 (1、2)：可同时接入2路麦克风使用。
- ③ 显示屏：当前输入源、音效模式、音量大小等设置状态显示。
- ④ 音乐音量调节旋钮：按旋钮切换并调节音乐音量、高中低音。
- ⑤ 输入切换：DVD，VCD，AUX，USB，HDMI，光纤，同轴，无线连接。
- ⑥ DSP预设模式

# EKAX-A 系列卡拉OK功放

- ⑦ 防啸叫等级。
- ⑧ 上一曲按键:U盘及无线播放曲目上一曲选择。
- ⑨ 播放/暂停按键:短按该按键控制音频文件的播放及暂停。
- ⑩ 下一曲按键:U盘及无线播放曲目下一曲选择。
- ⑪ USB输入接口:连接储存有MP3或其它格式曲目的U盘,可在本机直接播放。
- ⑫ 电源开关按键:按下时为开机,按起时为关机。

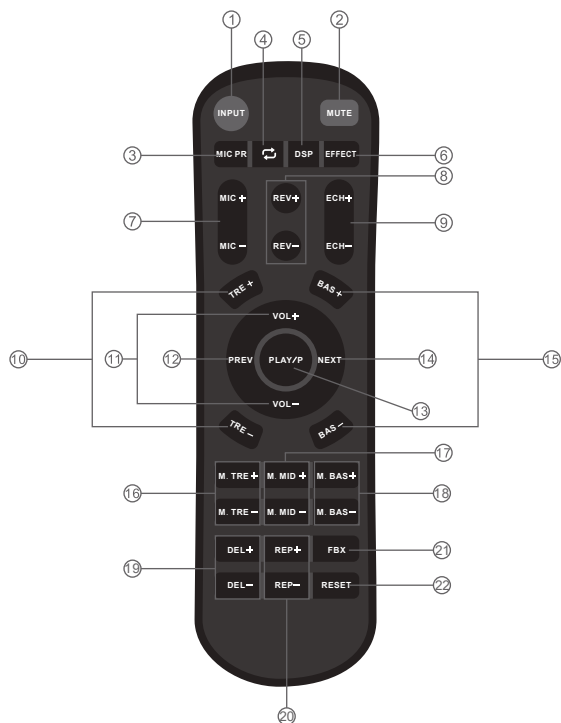
## 后面板



- ① 电源线插座和保险丝
- ② SPEAKER SYSTEM喇叭输出接线端子  
用于喇叭连接,可分成一组系统连接。
  - 1) 只接SYSTEM A时,喇叭最低阻抗不可低于4欧;
  - 2) 只接SYSTEM B时,喇叭最低阻抗不可低于4欧;
  - 3) SYSTEM A与SYSTEM B同时接时,喇叭阻抗不可低于8欧。
- ③ 风扇散热孔
- ④ 话筒输出插孔
- ⑤ 无线麦克风插孔
- ⑥ LINE音频输出插孔
- ⑦ 音频输入插孔(DVD, VCD)
- ⑧ 光纤,同轴输入插孔
- ⑨ HDMI输入接口

# EKAX-A 系列卡拉OK功放

## 遥控器



- |              |           |
|--------------|-----------|
| ① 输入切换       | ⑫ 上一曲按键   |
| ② 静音模式       | ⑬ 播放/暂停   |
| ③ 麦克风优先      | ⑭ 下一曲按键   |
| ④ 音乐循环模式     | ⑮ 音乐低音调节  |
| ⑤ 音乐DSP效果模式  | ⑯ 麦克风高音调节 |
| ⑥ 麦克风DSP效果模式 | ⑰ 麦克风中音调节 |
| ⑦ 麦克风音量调节    | ⑱ 麦克风低音调节 |
| ⑧ 混响调节       | ⑲ 延时调节    |
| ⑨ 回音调节       | ⑳ 重复调节    |
| ⑩ 音乐高音调节     | ㉑ 啸叫抑制    |
| ⑪ 音乐音量调节     | ㉒ 重置      |

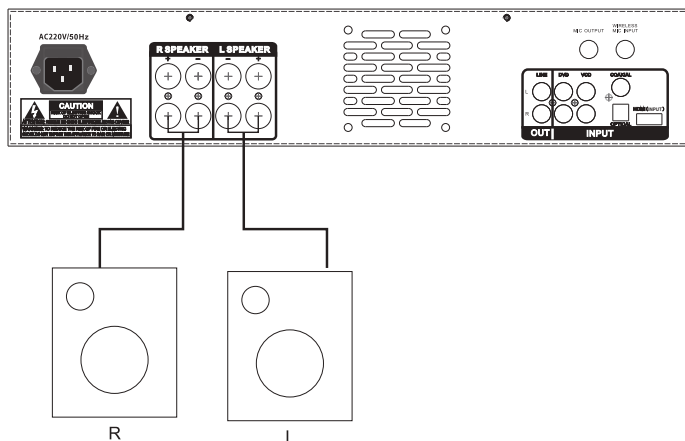
# EKAX-A 系列卡拉OK功放

## ■ 使用说明

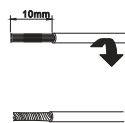
### 连接扬声器

- 1、按照指定的阻抗连接扬声器和扩大机的端子。
- 2、确保扬声器与扩大机的极性连接正确。
- 3、左右扬声器或正负极性错误，声音会失真或缺乏低音。
- 4、扬声器的任何错误连接可能会导致这台扩大机产生故障，甚至损坏这台机器。

### ■ 连接扬声器线



#### 1、剥去电线的外层



#### 2、逆时针转松端子



#### 3、插入喇叭线



#### 4、顺时针转紧端子

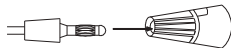


### 连接扬声器和香蕉端子

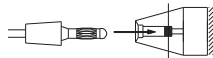
#### 1、转紧扬声器的端子



#### 2、把香蕉端子转紧插到接线端子



#### 3、剖面图



注意:如果接线端子没有转紧,会听不到声音。

# EKAX-A 系列卡拉OK功放

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## ■ 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设备与本产品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；
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，然后将产品送售后服务网点检修；
3. 消费者若使用电源适配器供电，则应购买配套使用获得CCC认证并满足标准要求的电源适配器；
4. 本产品及配件都应放置在室内干燥通风处，请勿长期存放在潮湿、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，以免损坏其功能；
5. 若产品需要固定于墙壁或天花板时，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；
6. 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产品，以免导致意外事故；
7. 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售后服务网点跟进处理。

# EKAX-A 系列卡拉OK功放

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## ■ 关于图标含义解释



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，

应将本产品应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销售网点确认。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>

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# EKAX-A Series Karaoke Amplifier

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## ■ Preface

Dear Customer,

Thank you for purchasing our product. Read this manual thoroughly to use the product properly.

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

## ■ Features

- Brushed aluminum black panel, all-metal chassis, and high-power toroidal transformer.
- 1 HDMI in, 1 optical in, 1 coaxial in, 2 RCA audio in, and 1 RCA audio out.
- 3 wired mic inputs with adjustable mic volume, treble/bass, reverb, and delay.
- Wireless audio connectivity with automatic pairing and interactive control.
- USB media player supporting MP3, WMA, FLAC, APE and other audio formats.
- Automatic cooling system and comprehensive protection circuitry for safe operation.
- High-performance power amp with fast frequency response and clear, powerful sound.
- Includes an infrared remote control for convenient operation from a distance.

## ■ Applications

For home use and small entertainment rooms.

## ■ Package Contents

1 × Power Amplifier

1 × Antenna

1 × Remote

1 × Power Cord

# EKAX-A Series Karaoke Amplifier

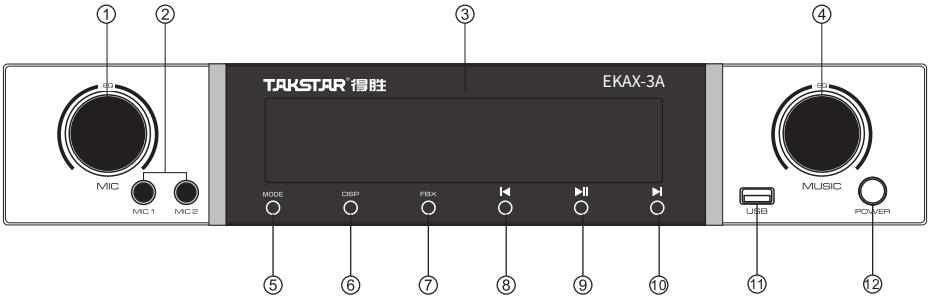
## Specifications

Model	EKAX-1A	EKAX-2A	EKAX-3A
Rated Power Output	150W x 2	250W x 2	350W x 2
Frequency Response	20Hz~20kHz	20Hz~20kHz	20Hz~20kHz
Line In Sensitivity	280mV	280mV	280mV
SNR	>75dB(A计权)	>75dB (A-weighted)	>75dB (A-weighted)
THD	0.1%	0.1%	0.1%
Mic Input Sensitivity	25mV	25mV	25mV
Dimensions	480x380x90mm	480x380x90mm	480x380x90mm
Net Weight	9Kg	10.8Kg	12.5Kg
Power Supply	AC-220V-240V/50-60Hz		

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

## Function Descriptions

### Front Panel

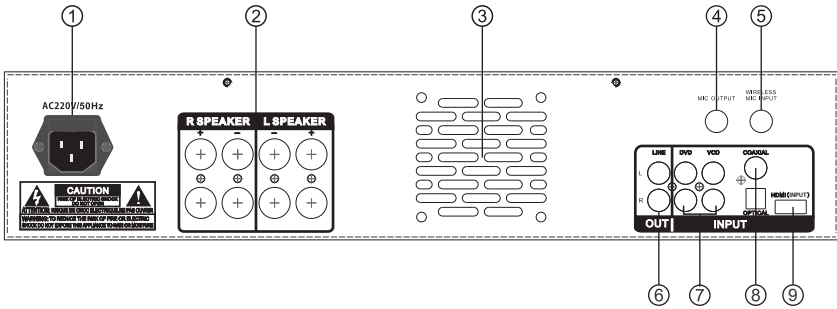


- ① Mic Volume Knob: Press to switch and adjust mic volume, treble/mid/bass, reverb, echo, and delay functions.
- ② Mic Inputs (1, 2): Allows connecting up to 2 mics simultaneously.
- ③ Display Screen: Displays the current input source, sound effect mode, and volume level settings.
- ④ Music Volume Knob: Press to switch and adjust music volume, treble/bass.
- ⑤ Input Selector: DVD, VCD, AUX, USB, HDMI, Optical, Coaxial, Wireless Connection.

# EKAX-A Series Karaoke Amplifier

- ⑥ DSP Preset Modes
- ⑦ Feedback Suppression Level
- ⑧ Previous Track Button: Selects previous track for USB and wireless playback.
- ⑨ Play/Pause Button: Briefly press to play or pause playback of audio files.
- ⑩ Next Track Button: Selects next track for USB and wireless playback.
- ⑪ USB Input: Connect a USB drive with MP3 or other audio files for direct playback.
- ⑫ Power Switch: Press to turn the unit on or off.

## Rear Panel



- ① Power Cord Socket and Fuse
- ② SPEAKER SYSTEM Output Terminals

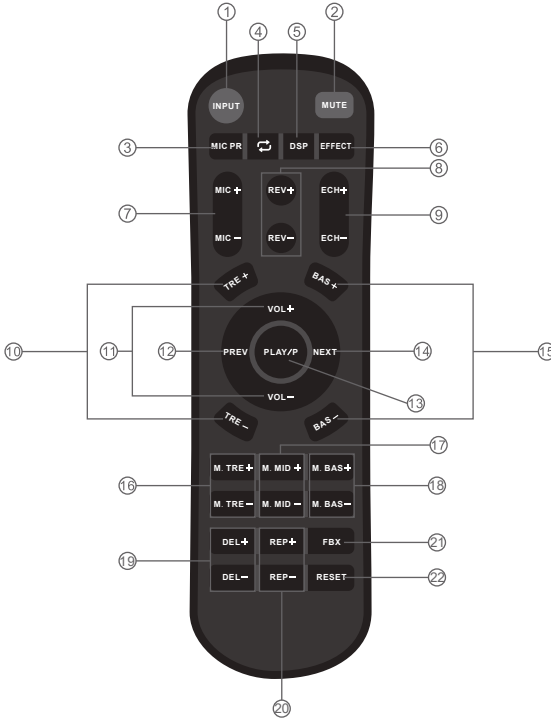
For connecting speakers, can be divided into two separate systems.

- If only connecting SYSTEM A, the speakers must have a minimum impedance of 4 ohms.
- If only connecting SYSTEM B, the speakers must have a minimum impedance of 4 ohms.
- If connecting both SYSTEM A and SYSTEM B, the speaker impedance must not be less than 8 ohms.

- ③ Cooling Fan Vents
- ④ Mic Output Jack
- ⑤ Wireless Mic Jack
- ⑥ LINE Audio Output Jack
- ⑦ Audio Input Jacks (DVD, VCD)
- ⑧ Optical and Coaxial Input Jacks
- ⑨ HDMI Input

# EKAX-A Series Karaoke Amplifier

## Remote



① Input Selection

② Mute Mode

③ Mic Priority

④ Music Playback Mode

⑤ Music DSP Effect Mode

⑥ Mic DSP Effect Mode

⑦ Mic Volume Adjustment

⑧ Reverb Adjustment

⑨ Echo Adjustment

⑩ Music Treble Adjustment

⑪ Music Volume Adjustment

⑫ Previous Track

⑬ Play/Pause

⑭ Next Track

⑮ Music Bass Adjustment

⑯ Mic Treble Adjustment

⑰ Mic Mid Adjustment

⑱ Mic Bass Adjustment

⑲ Delay Adjustment

⑳ Repeat Adjustment

㉑ Feedback Suppression

㉒ Reset

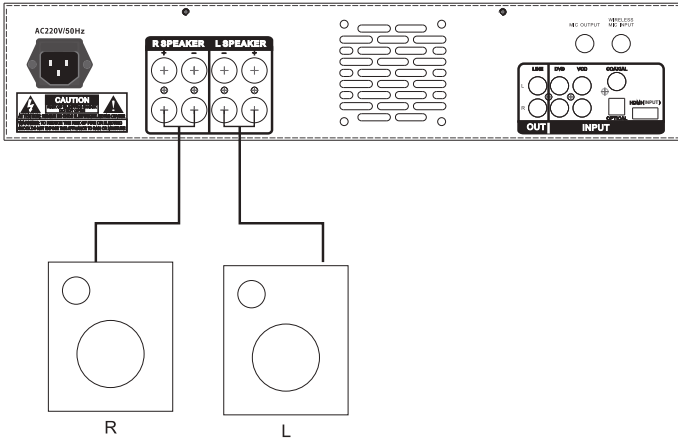
# EKAX-A Series Karaoke Amplifier

## Operating Instructions

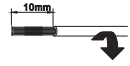
### Connecting Speakers

1. Connect speakers to the amplifier terminals using the proper impedance.
2. Ensure correct polarity when connecting speakers.
3. Incorrect left/right or positive/negative connections may cause distortion or lack of bass.
4. Improper speaker connections could result in amplifier malfunction or damage.

### Connecting Speaker Wires



1. Strip outer layer of wires



2. Loosen terminal counter-clockwise



3. Insert speaker wires

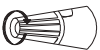


4. Tighten terminal clockwise

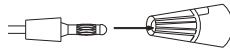


### Connecting Speakers & Banana Plugs

1. Tighten the speaker terminals



2. Firmly insert the banana plugs into the terminals



3. Cross-section diagram



Note: If the terminals are not tightened properly, it will affect audio signal transmission and prevent sound output.

# EKAX-A Series Karaoke Amplifier

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## ■ 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.
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 after-sales service for repair.
3. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
4. 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.
5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
7. 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 after-sales service.

# EKAX-A Series Karaoke Amplifier

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## ■ Label Meanings



This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your 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. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>

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## 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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Huizhou, Guangdong 516121 China

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Email: sales@takstar.com

Website: www.takstar.com