TAKSTAR® 得胜




# KD-550 | 无线一拖二麦克风

2-Channel Wireless Microphone System

使用手册 | User Manual

# KD-550 无线一拖二麦克风

## ■ 前言

感谢您选购得胜KD-550无线一拖二麦克风，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

- 采用UHF高性能集成电路设计，有效改善接收死角，提高接收稳定度；
- 特设频道ID码识别功能，有效防止外界或频道之间串扰出现噪声；
- 在空旷无遮挡环境下，无线使用距离约达160米；
- LCD显示工作信息，操作直观，人机对话一目了然；
- 手持具有单色LED环形氛围灯带，光线柔和不眩光，更有辨识度，质感出众；
- 具备独立的平衡（XLR）及非平衡（6.35插座）的混合输出，方便设备连接。

## ■ 适用范围

适用学校教室、会议、家庭娱乐、户外演出等场合

## ■ 产品配置

接收机 ..... 1台
手持发射器 ..... 2支
电源适配器 ..... 1个
音频输出线 ..... 1条
1.5V AA电池 ..... 2节
防滑圈 ..... 2个
说明书 ..... 1份

# KD-550 无线一拖二麦克风

## ■ 技术参数

### 接收主机

- 频率范围:500-690MHz(分段设计)
- 失真度:<0.3%(@1kHz)
- 信噪比:99dB
- 频率稳定度:±10ppm
- 频率响应:50Hz-18kHz
- 灵敏度:10dBuV
- 接收距离:约160米
- 邻道抑制:65dB
- 功能显示方式:LCD
- 镜像频率抑制:75dB
- 电源供应:DC=12V
- 音频输出:200mV
- 输出阻抗:XLR接头:200Ω　1/4接头:1KΩ
- 尺寸:480*175*45mm
- 重量:约1450g

### 手持发射器

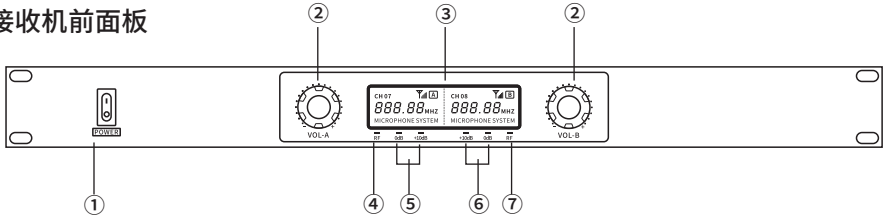
- 频率范围:500-690MHz(分段设计)
- 调制方式:FM
- 频率稳定度:±10ppm
- 最大调制度:75K
- 发射功率:≤10mW
- 工作电压:3V
- 发射距离:约160米
- 工作电流:120mA
- 谐波抑制:65dB以上

注:以上数据由得胜实验室测试得到,并拥有最终解释权!

# KD-550 无线一拖二麦克风

## ■ 功能示意

### 接收机前面板




① 电源开关：控制机内电源供应。

② 音量旋钮：调整接收主机音量。

③ 液晶显示：显示对频工作状态、频率、接收信号电平等信息。

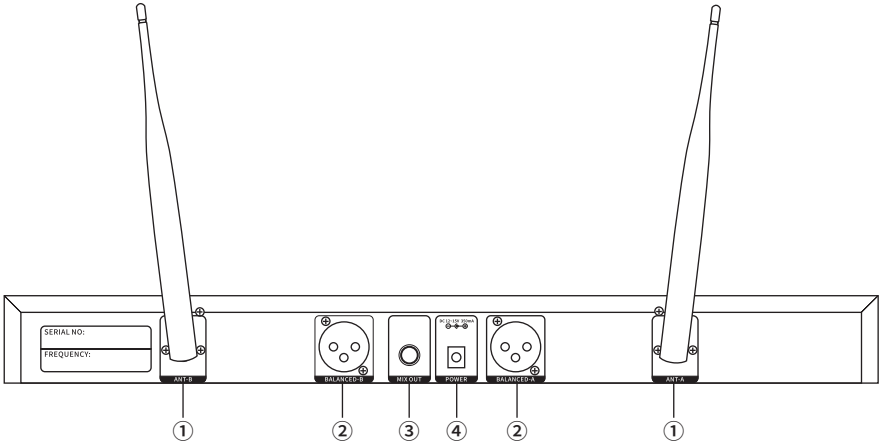
④ A通道RF指示。

⑤ A通道音量电平指示。

⑥ B通道RF指示。

⑦ B通道音量电平指示。

### 接收机背面板




① 天线：A/B天线。

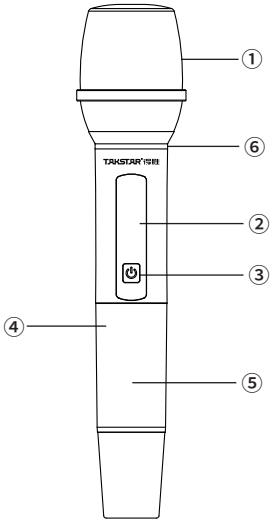
② 音频平衡输出：采用“XLR”型插座，提供各通道独立信号输出。

③ 混合音频输出：将两路的音频信号混合成一路输出。

④ 电源插座：连接DC12V-18V电源至输入插座；插座的中心电极连接正电压。

# KD-550 无线一拖二麦克风

## 手持发射器




① 网头及音头模组：网头用以保护将声音转换成电信号的音头模组，并能防止麦克风放置在台面时滚动。

② 显示屏：显示当前工作频率信息。

③ 电源键：点按开启麦克风电源，长按关闭麦克风电源。

④ 麦克风管体：管端装配网头、音头模组、管体内装电池、发射电路板、尾部内置发射天线。

⑤ 电池仓：将两节AA电池按照正负极正确方向装入电池仓。

⑥ 氛围灯环：手持话筒进入工作状态后，氛围灯环自动点亮。

## ■ 使用说明

1. 接通电源，打开接收机的电源开关。

2. 点按手持发射器电源键开机，对应通道RF指示亮起；对着麦克风说话，接收机的音量电平指示随麦克风音量大小对应点亮，表示系统已正常工作。

3. 如接收机RF指示未亮起或音量电平无反应，请检查手持发射器的电池电量，以及两者间的距离是否在有效使用范围内。

4. 频率组：

| 频组 | A频段 （MHz） | | B频段(MHz) | |
|---|---|---|---|---|
| | 序号 | 频率 | 序号 | 频率 |
| 01 | 01 | 540.3MHz | 02 | 570.3MHz |
| 02 | 03 | 542.3MHz | 04 | 572.3MHz |
| 03 | 05 | 544.3MHz | 06 | 574.3MHz |
| 04 | 07 | 546.3MHz | 08 | 576.3MHz |
| 05 | 09 | 548.3MHz | 10 | 578.3MHz |
| 06 | 11 | 550.3MHz | 12 | 580.3MHz |
| 07 | 13 | 552.3MHz | 14 | 582.3MHz |
| 08 | 15 | 554.3MHz | 16 | 584.3MHz |
| 09 | 17 | 556.3MHz | 18 | 586.3MHz |
| 10 | 19 | 558.3MHz | 20 | 588.3MHz |

## ■ 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. 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. 本产品及附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；

6. 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；

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产品，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售后服务网点跟进处理。

## ■ 环保说明

**产品中有毒有害物质或元素的名称及含量标识表**

| 部件名称 | 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) | 邻苯二甲酸二正丁酯 (DBP) | 邻苯二甲酸二异丁酯 (DIBP) | 邻苯二甲酸丁基苄酯 (BBP) | 邻苯二甲酸二(2-乙基)己酯 (DEHP) |
| 塑料部件 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 金属部件 | × | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 电路板组件 | × | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 线缆 | × | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

注1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。
×：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电器电子产品有害物质限制使用国家标准要求。
注2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

此标志为产品的环保使用期限标志，
且此标保使用期限只适用于产品正常工作的温度和湿度等条件。




## ■ 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，可能对环境和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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# KD-550 2-Channel Wireless Microphone System

## Preface

Dear Customer,

Thanks for purchasing our product. Read this manual thoroughly for proper use.

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

## Features

• High-performance UHF integrated circuit design effectively reduces reception dead spots and enhances reception stability.

• Dedicated channel ID recognition function effectively prevents noise from external interference and inter-channel crosstalk.

• Wireless operating range up to approx. 160m in open, unobstructed areas.

• LCD display presents operating status for intuitive, user-friendly operation.

• Handheld microphones feature a monochrome LED ring light with soft, glare-free illumination for enhanced recognizability and premium finish.

• Equipped with independent balanced (XLR) and unbalanced (6.35mm jack) combo outputs for convenient device connectivity.

## Applications

For classrooms, conferences, home entertainment, and outdoor performances.

## Package Contents

1 × Receiver

2 × Handheld Transmitters

1 × Power Adapter

1 × Audio Output Cable

2 × 1.5V AA Batteries

2 × Anti-slip Rings

1 × User Manual

## ■ Specifications

### Receiver

- Frequency Range: 500-690MHz (Sectional Design)
- Distortion: <0.3% (@1kHz)
- Signal-to-Noise Ratio: 99dB
- Frequency Stability: ±10ppm
- Frequency Response: 50Hz-18kHz
- Sensitivity: 10dBuV
- Operating Range: Approx. 160m
- Adjacent Channel Rejection: 65dB
- Display: LCD
- Image Rejection: 75dB
- Power Supply: DC=12V
- Audio Output: 200mV
- Output Impedance: XLR connector: 200Ω; 1/4 connector: 1kΩ
- Dimension: 480*175*45mm
- Weight: Approx. 1450g

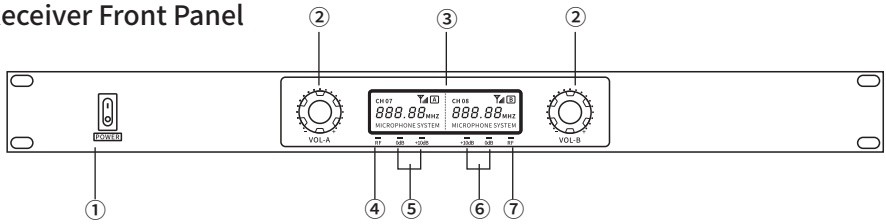
### Handheld Transmitter

- Frequency Range: 500-690MHz (Sectional Design)
- Modulation: FM
- Frequency Stability: ±10ppm
- Max. Deviation: 75kHz
- RF Output Power: ≤10mW
- Operating Voltage: 3V
- Transmission Range: approx. 160m
- Operating Current: 120mA
- Harmonic Suppression: ≥65dB

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

## ■ Function Descriptions

### Receiver Front Panel




① Power Switch: Controls the power supply.

② Volume Knob: Adjusts the receiver's volume.

③ LCD Display: Shows frequency, operating status, and signal level.

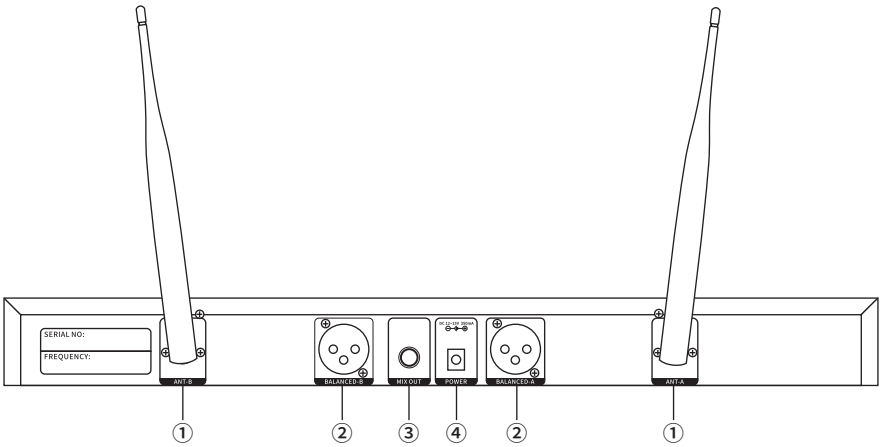
④ Channel A RF Indicator

⑤ Channel A Volume Level Indicator

⑥ Channel B RF Indicator

⑦ Channel B Volume Level Indicator

### Receiver Rear Panel



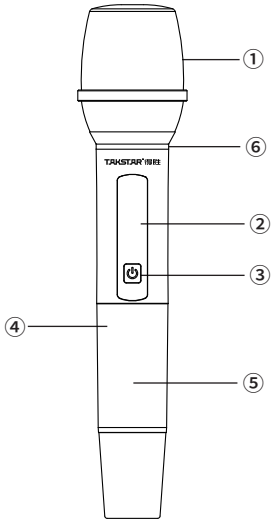

① Antennas: A/B Antennas

② Balanced Audio Output: XLR connectors for independent channel output.

③ Mixed Audio Output: Combines audio signals from both channels.

④ Power Socket: Connects to a DC 12V-18V power supply; center pin is positive.

## Handheld Transmitter




① Grille & Capsule Module: Grille protects the sound-converting capsule and prevents the mic from rolling on flat surfaces.

② Display: Shows current operating frequency.

③ Power Button: Short press to power on; long press to power off.

④ Mic Body: Top mounts grille & capsule; interior holds batteries and transmitter PCB; bottom has built-in transmit antenna.

⑤ Battery Compartment: Install two AA batteries with correct polarity.

⑥ Ambient Light Ring: Lights up automatically when the mic is active.

## Operating Instructions

1. Power on the receiver by switching the power on.

2. Press the power button on the handheld transmitter to turn it on. The corresponding channel's RF indicator will light up. Speak into the microphone: the receiver's audio level indicators will light up according to the microphone volume, indicating that the system is working normally.

3. If the receiver's RF indicator does not light up or the audio level shows no response, check the transmitter battery level and ensure the distance between the devices is within the effective range.

4. Frequency Group:

| Group | Band A (MHz) | | Band B (MHz) | |
|---|---|---|---|---|
| | No. | Frequency | No. | Frequency |
| 01 | 01 | 540.3MHz | 02 | 570.3MHz |
| 02 | 03 | 542.3MHz | 04 | 572.3MHz |
| 03 | 05 | 544.3MHz | 06 | 574.3MHz |
| 04 | 07 | 546.3MHz | 08 | 576.3MHz |
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| 09 | 17 | 556.3MHz | 18 | 586.3MHz |
| 10 | 19 | 558.3MHz | 20 | 588.3MHz |

## ■ 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. For products that require removable batteries, never use damaged batteries with broken insulation materials. Do not attempt to charge non-rechargeable batteries.

4. Dispose of used batteries in designated recycling bins. Do not use them as toys or dispose of them directly, as it may pose safety hazards or harm the environment.

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 personal injury. If you have question or need service, please contact our local after-sales service.

## ■ 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 |
| --- | --- | --- |
| | | |
| | | |
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服务热线：400 6828 333 传真：0752 6383950
邮箱：xs@takstar.com
网址：www.takstar.com

**Designed & Manufactured by:**
Guangdong Takstar Electroacoustic Co., Ltd.
Address: Takstar Innovation Park, Xiazhao,
Damen Village, Xialiao Village Committee,
Longxi Street, Boluo County, Huizhou City,
Guangdong, P.R. China
Tel: 86 752 6383644 Fax: 86 752 6383952
Email: sales@takstar.com
Website: www.takstar.com