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# TAKSTAR® 得胜



**V2** 无线领夹麦克风  
Wireless Lavalier Microphone

使用手册 | User Manual

### ■ 前言

感谢您选购得胜V2无线领夹麦克风，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

- 创新磁吸纽扣设计，时尚小巧仅7.5g，佩戴轻盈；
- 2.4GHz自适应跳频，抗干扰，传输稳定，使用距离约100米；
- 智能一键降噪，降低环境噪音，确保人声清晰纯净；
- 采样率 48KHz/16bit，高保真音质，精准复现细节；
- 搭配充电收纳盒，综合续航约21小时，单麦续航约7小时；
- 回放免插拔，内容创作高效，支持手机边充边用；
- 磁吸、背夹、挂绳多种佩戴方式，个性贴纸装饰，造型随需变换；

### ■ 适用范围

VLOG录制、采访收音、网络直播等场合

### ■ 产品配置

#### 一拖二

TX发射器 .....	2个
RX接收器 .....	1个
充电盒 .....	1个
磁吸片 .....	2个
磁吸背夹 .....	2个
颈挂磁吸项链 .....	2条
TX磁吸防风毛衣 .....	2个
TX个性化贴纸 .....	2张
Type-C充电线 .....	1条
说明书 .....	1份

#### 一拖一

TX发射器 .....	1个
RX接收器 .....	1个
磁吸片 .....	1个
磁吸背夹 .....	1个
颈挂磁吸项链 .....	1条
TX磁吸防风毛衣 .....	1个
TX个性化贴纸 .....	2张
TX发射器充电座 .....	1条
说明书 .....	1份

### ■ 技术参数

#### TX发射器

- 频率响应: 50Hz-18kHz
- 调制模式: GFSK
- 比特率: 16bit
- 麦克风指向性: 全指向
- 信噪比: >65dB
- 工作距离: 约100米
- 工作时间: 约7小时
- 频率范围: 2.4GHz自适应跳频
- 采样率: 48kHz
- 灵敏度:  $-39 \pm 2$ dB
- 最大输入声压级: 114dB SPL
- 电池容量: 70mAh
- 充电时间: 约2小时
- 单体重量: 约7.5g

#### RX接收器

- 频率响应: 50Hz-18kHz
- 调制模式: GFSK
- 比特率: 16bit
- 单体重量: 约6g
- 频率范围: 2.4GHz自适应跳频
- 采样率: 48kHz
- 工作电流: 24mA

#### 充电盒

充电输入: 5V/ 0.5A

电池容量: 500mAh

充电时间: 约2小时

续航时间: 支持给TX发射器充电3次

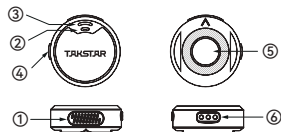
单体重量: 约120g

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

#### TX发射器

- ① 内置麦克风
- ② 降噪指示灯
- ③ 电源/连接指示灯
- ④ 电源/降噪按键
- ⑤ 磁吸片
- ⑥ 充电触点

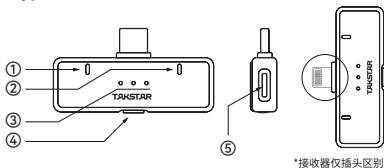


功能	操作/现象	代表状态
电源/降噪按键	长按电源键3秒	开启或关闭TX发射器
	点按电源键	开启或关闭降噪
降噪指示灯	蓝灯常亮	开启降噪
	蓝灯熄灭	关闭降噪
电源/连接指示灯	蓝灯闪烁	未连接RX, 电量正常
	蓝灯常亮	已连接RX, 电量正常
	红灯闪烁	未连接RX, 电量低
	红灯常亮	已连接RX, 电量低
	充电时红灯常亮	正在充电中
	充电时红灯熄灭	电量已充满
磁吸片	用于将TX发射器吸附于衣物、背夹或磁吸项链使用	
充电触点	通过与充电盒的充电触点接触为TX发射器充电	

## 无线领夹麦克风

### RX接收器 (lightning版/Type-C版)

- ① TX1连接指示灯
- ② TX2连接指示灯
- ③ 音量强度指示灯
- ④ 音量调节按键
- ⑤ Type-C接口



功能	操作/现象	代表状态
TX1/2连接指示灯	蓝灯常亮	RX与TX已连接
	蓝灯闪烁	RX与TX未连接 (1分钟未连接指示灯熄灭)
音量强度指示灯	蓝灯常亮或熄灭	显示当前音量大小
音量调节按键	点按切换	三个音量等级依次循环, 出厂默认三级音量
Type-C接口	通过连接Type-C数据线为手机充电	

### ■ 使用说明(包含：安装连接方式/使用说明)

#### 一、连接使用说明

- 1、首次使用，请先打开充电仓，撕下TX的绝缘膜。
- 2、将RX接收器与手机连接。

RX (lightning口)  
接入手机



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RX (Type-C口)  
接入手机



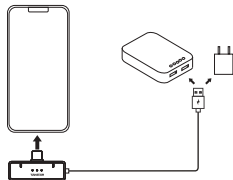
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## 无线领夹麦克风

- 3、长按电源按键3秒开启或关闭TX发射器或者从充电仓取出TX发射器，麦克风自动配对，蓝灯常亮后即可使用。



- 4、通过RX接收器，同步为移动设备充电，支持边充边用。

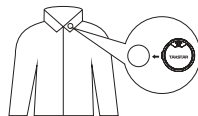


注：为保障使用体验，建议您在使用前先行确认您的手机是否支持OTG功能，如OPPO、VIVO等品牌的部分机型需开启OTG功能才能正常使用。

#### 二、安装佩戴说明

TX发射器佩戴安装位置首选领口处，如说话音量较大可调整至胸口靠上位置，可采用磁吸、背夹、颈挂三种方式佩戴。

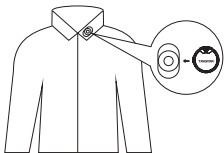
##### 磁吸式



- a. 磁吸片置于衣领内侧，并将TX发射器置于衣领正面吸附在磁吸片上，麦克风朝向音源方向。

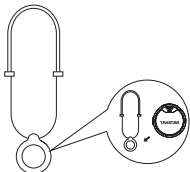
## V2 无线领夹麦克风

### 背夹式



b. 将背夹夹持在衣领适当位置，然后将TX发射器吸附于背夹上，麦克风朝向音源方向。

### 颈挂式

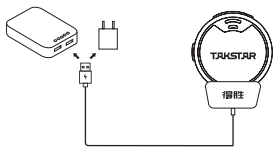


c. 将颈挂绳佩戴于颈部，然后将TX发射器吸附于磁吸片上挂脖使用，麦克风朝向音源方向。

注：大多数录制说话声音忽大忽小的情况源于麦克风佩戴位置所致，使用时请确保麦克风不被遮挡，以保证收音质量的稳定性。在户外或有风环境中，建议安装防风毛衣来减少风噪声或气息引起的爆音。

### 三、TX手动充电

当TX状态指示灯变为红色常亮或闪烁时，通过磁吸充电器给TX充电，充电中TX红灯常亮，充电完成后指示灯熄灭。（注：磁吸充电器仅一拖一有配送）

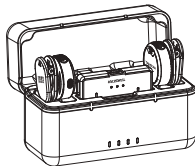


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## V2 无线领夹麦克风

### 四、充电盒充电

1. TX发射器使用完毕或指示灯红光常亮/闪烁时，将其放入充电盒可自动充电。



2. 为充电盒充电时，建议使用原装充电线，搭配5V/1A规格充电器或移动电源。充电过程中，充电盒指示灯呈递进式闪烁，充满后保持常亮状态。切勿使用快充头进行充电，以免影响电池寿命或造成设备损坏。

### 充电盒指示灯电量说明

亮灯状态	对应充电盒电量
第1颗指示灯常亮	当前电量为25%
第2颗指示灯常亮	当前电量为50%
第3颗指示灯常亮	当前电量为75%
第4颗指示灯常亮	当前电量为100%
指示灯递进式闪烁	充电盒正在充电
指示灯均常亮蓝灯	充电盒已充满电


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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坠落危险；
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。

### ■ 关于图标含义解释

 根据RL2004/108/EG和European Low Voltage Directive（欧洲低电压指令）RL2006/95/EG的测试结果表明，本产品符合欧共体关于电磁兼容性的成员国法律整合的指令中所规定的限值。

 未经合规方明确批准的变更或修改可能会使用户失去操作设备的权限。此设备符合FCC规则第15条部分的要求。操作须符合以下两个条件：

- （1）此设备可能不会造成有害干扰，
- （2）此设备必须接受接收到的任何干扰，包括可能导致意外操作的干扰。

 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。

### ■ 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)
塑料部件	○	○	○	○	○	○
金属部件	×	○	○	○	○	○
电路板组件	×	○	○	○	○	○
线缆	×	○	○	○	○	○

本表格依据SJ/T 11364的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

×：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GB/T 26572规定的限量要求。

此标志为产品的环保使用期限标志，

且此环保使用期限只适用于产品正常工作时的温度和湿度等条件。



### ■ 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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### ■ 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 service.

### ■ Features

- Compact 7.5g magnetic design for unobtrusive wear.
- 2.4GHz wireless up to 100m, stable transmission.
- One-key noise cancellation preserves natural voice.
- Lossless 48kHz/16bit audio, distortion-free, high-fidelity.
- 7hr single-use runtime, 21hr total with charging case.
- Playback without unplugging, charge phone while using.
- Versatile wearing including magnetic/clip/lanyard options.

### ■ Applications

For vlog, interview, and online streaming applications.

### ■ Package Contents

#### Dual-Channel:

- 2 × TX Transmitter
- 1 × RX Receiver
- 1 × Charging Case
- 2 × Magnetic Plate
- 2 × Magnetic Clip
- 2 × Magnetic Necklace Lanyard
- 2 × TX Wind Muff
- 2 × TX Sticker
- 1 × Type-C Charging Cable
- 1 × User Manual

#### Single-Channel:

- 1 × TX Transmitter
- 1 × RX Receiver
- 1 × Magnetic Plate
- 1 × Magnetic Clip
- 1 × Magnetic Necklace Lanyard
- 1 × TX Wind Muff
- 2 × TX Sticker
- 1 × TX Magnetic Charger
- 1 × User Manual

### ■ Specifications

#### TX Transmitter

- Frequency Response: 50Hz - 18kHz
- Modulation Mode: GFSK
- Bit Depth: 16bit
- Mic Polar Pattern: Omnidirectional
- Signal-to-Noise Ratio: >65dB
- Operating Range: Approx. 100m
- Usage Time: Approx. 7 hours
- Frequency Range: 2.4GHz AFH
- Sampling Rate: 48kHz
- Sensitivity:  $-39 \pm 2\text{dB}$
- Maximum SPL: 114dB SPL
- Battery Capacity: 70mAh
- Charging Time: Approx. 2 hours
- Weight: Approx. 7.5g

#### RX Receiver

- Frequency Response: 50Hz - 18kHz
- Modulation Mode: GFSK
- Bit Depth: 16bit
- Weight: Approx. 6g
- Frequency Range: 2.4GHz AFH
- Sampling Rate: 48kHz
- Operating Current: 24mA

#### Charging Case

- Charging Input: 5V / 0.5A
- Battery Capacity: 500mAh
- Charging Time: Approx. 2 hours
- Supported Charges for TX: 3 full charges
- Weight: Approx. 120g

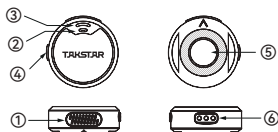
Note: The above data are measured by Takstar laboratory which has the final interpretation right!



## ■ Function Descriptions

### TX Transmitter

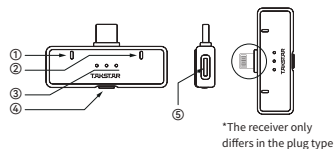
- ① Built-in Mic
- ② Noise Reduction Indicator
- ③ Power/Connection Indicator
- ④ Power/Noise-Reduction Button
- ⑤ Magnetic Plate
- ⑥ Charging Contacts



Function	Operation/Indication	Represented Status
Power/ Noise-Reduction Button	Long press power button for 3 seconds	Turn on or off the TX transmitter
	Short press power button	Turn on or off noise reduction
Noise Reduction Indicator	Solid blue light	Noise reduction is on
	Blue light off	Noise reduction is off
Power/Connection Indicator	Blinking blue light	Not connected to RX, battery normal
	Solid blue light	Connected to RX, battery normal
	Blinking red light	Not connected to RX, low battery
	Solid red light	Connected to RX, low battery
	Solid red light while charging	Charging in progress
	Red light off while charging	Battery fully charged
Magnetic Plate	Used to attach the TX transmitter to clothing, back clip, or magnetic necklace	
Charging Contacts	Charges the TX transmitter by contacting the charging case's contacts	

## RX Receiver (Lightning Version / Type-C Version)

- ① TX1 Connection Indicator
- ② TX2 Connection Indicator
- ③ Level Indicator
- ④ Volume Adjustment Button
- ⑤ Type-C Port



Function	Operation/Indication	Represented Status
TX1/2 Connection Indicator	Solid blue light	RX is connected to TX
	Blinking blue light	RRX is not connected to TX (indicator turns off after 1 minute)
Level Indicator	Solid blue light or off	Displays current audio level
Volume Adjustment Button	Press to cycle	3 volume levels, default is level-3
Type-C Port	Connect Type-C cable to charge phone	

## ■ Operating Instructions

### A. Usage Instructions

1. For first-time use, open the charging case and remove the insulation film from the TX transmitters.
2. Connect the RX receiver to your mobile device.

RX (Lightning) to smartphone



RX (Type-C) to smartphone

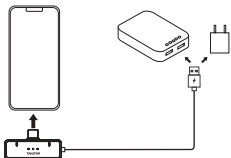


## V2 Wireless Lavalier Microphone

3. Long press the power button on the TX transmitter for 3 seconds to turn it on or off. The mic will automatically pair, indicated by a solid blue light, and then can be used.



4. Through the charging port on the RX receiver, you can connect a power bank to charge your mobile device while using the system.



Note: To ensure a good user experience, please confirm if your smartphone supports OTG functionality before use. Some models from brands like OPPO and VIVO may require enabling OTG to work properly.

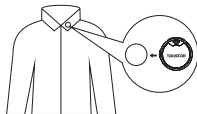
### B. Installation and Wearing

The preferred placement for the TX transmitter is on the collar area. If the speaking volume is relatively high, it can be adjusted to the upper chest area.

Three wearing methods are available: magnetic attachment, clip-on, and necklace lanyard.

#### Magnetic Attachment:

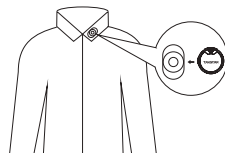
a. Place the magnetic plate on the inside of the collar, then attach the TX transmitter to the magnetic plate on the front of the collar, with the mic facing the sound source.



## V2 Wireless Lavalier Microphone

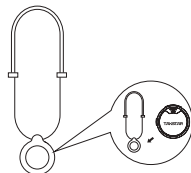
#### Clip-on:

b. Clip the attachment onto the collar in an appropriate position, then attach the TX transmitter to the clip, with the mic facing the sound source.



#### Necklace Lanyard:

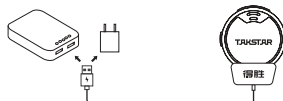
c. Wear the necklace lanyard around your neck, then attach the TX transmitter to the magnetic plate, hanging it from the neck, with the mic facing the sound source.



Note: Fluctuations in recorded speech volume are often caused by the mic placement. Ensure the mic is unobstructed to maintain consistent audio quality. When using outdoors or in windy environments, it is recommended to install the wind muff to reduce wind noise or plosive sounds.

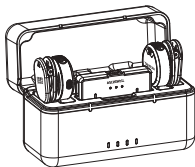
### C. Manual TX Transmitter Charging

When the TX status indicator light turns solid red or flashes red, use the magnetic charger to charge the TX transmitter. The red light will remain on during charging, and turn off when the charging is complete. (Note: The magnetic charger is only provided with the single-channel version.)



### D. Charging Case Charging

1. After the TX transmitter has been used, or the indicator light turns solid/flashing red, place it in the charging case for automatic charging.



2. For charging the charging case, it is recommended to use the original charging cable and a 5V/1A power adapter or power bank. During the charging process, the charging case indicator lights will flash progressively, and remain solid when fully charged. Do not use a fast charger, as it may affect the battery life or damage the device.

#### Charging Case Battery Level Indicator:

Indicator Light Status	Corresponding Charging Case Battery Level
1st indicator light solid	25% battery level
2nd indicator light solid	50% battery level
3rd indicator light solid	75% battery level
4th indicator light solid	100% battery level
Indicator lights flashing progressively	Charging case is charging
All indicator lights solid blue	Charging case is fully charged

### ■ Safety Instructions

To avoid electric shock, overheating, 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.

### ■ Label Meanings

**CE** This device is compliant with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG and European Low Voltage Directive RL2006/95/EG.


**FC** Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the complying party may cause the user to lose permission to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

 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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### 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

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