

TAKSTAR® 得胜

声悦动人



PCM-5600 (GEN 2)

手持电容麦克风  
HANDHELD  
CONDENSER MICROPHONE

# PCM-5600 (GEN 2) 手持电容麦克风

## ■ 前言

尊敬的用户：

感谢您选购得胜PCM-5600 (GEN 2) 手持电容麦克风,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

- 专业手持电容麦克风,适用于专业录音、直播K歌、现场演出、乐器录音等场景;
- 采用 $\Phi 26\text{MM}$ 镀金振膜音头,宽广的频率响应,为演唱带来细腻、动感的音色;
- 心型指向拾音设计,有效抑制噪音和反馈,降低周围噪音干扰;
- 全金属结构,表面烤漆工艺处理,坚固耐用,握感舒适;
- 具有两挡灵敏度调节开关,可根据不同应用场景的需要进行调节;
- 网头采用双层金属网设计,内置防喷海绵,有效防止喷麦声。

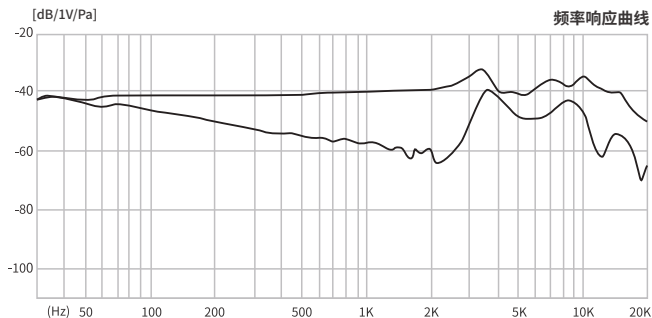
## ■ 适用范围

- 专业录音、直播K歌、现场演出、乐器录音等

## ■ 标准配置

PCM-5600 (GEN 2)麦克风.....1支	卡依线.....1条
麦克风夹子.....1个	皮袋.....1个
小螺丝刀.....1个	说明书.....1份

## ■ 技术参数



音头:  $\Phi 26\text{mm}$ 镀金振膜音头

指向性: 单指向

频率响应: 20Hz-20KHz

灵敏度:  $-39\text{dB} \pm 3\text{dB}$  (at 0dB)

增益调节: +10dB

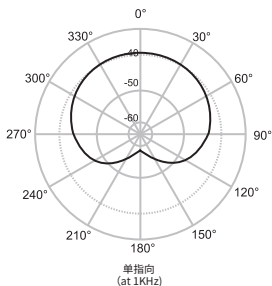
等效噪声级:  $\leq 20\text{dBA}$

峰值声压级:  $130\text{dB}$  (THD $\leq 1\%$  at 1KHz)

输出阻抗:  $110\Omega \pm 30\%$  (at 1KHz)

工作电压: 48V 幻象电源

单体重量: 约390g



注: 以上数据由得胜实验室测试得到, 并拥有最终解释权!

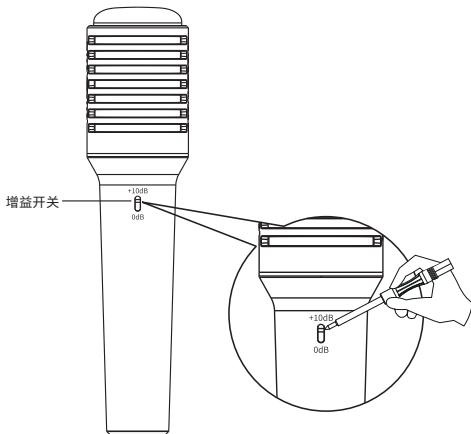
## ■ 功能示意

1、增益开关:手动增益调节,可根据实际应用需要灵活调节。

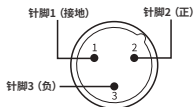
① 当开关拨到“+10dB”位置时,拾音灵敏度增强10dB,适用于直播、录音等需要远距离拾音的场合;

② 当开关拨到“0dB”位置时,能够承受更高的声压,并且可以有效的抑制音响的回馈啸叫,适用于乐器拾音以及现场扩声,现场演唱等场景;

注:PCM5600 (GEN 2)麦克风配有专用小螺丝刀,用于调节麦克风灵敏度,如下图:



2、XLR接口:通过XLR音频线与声卡、调音台等音频设备连接。

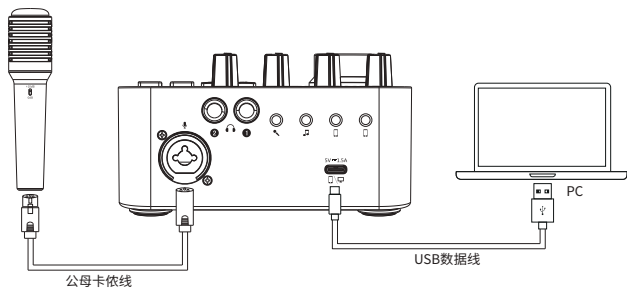


## ■ 使用说明

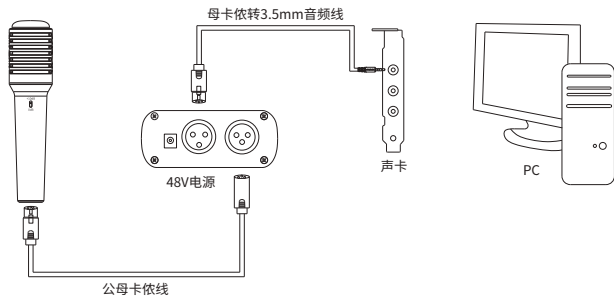
1. 通过公母卡侬线材与带有48V供电的音频设备(如声卡、调音台等)连接, 若设备本身没有幻象电源, 则需另购一个48V幻象电源进行连接。

注: 本产品需求的48V幻象电源规格为DC 48 $\pm$ 4V/2.8mA $\pm$ 20%

- ① 音频设备带48V幻象电源供电的连接方法:



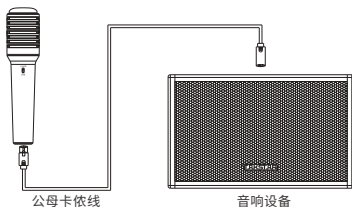
- ② 音频设备不带48V幻象电源供电的连接方法:



## PCM-5600 (GEN 2) 手持电容麦克风

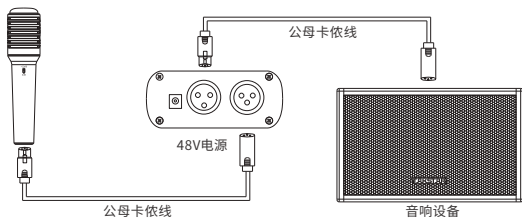
### 2. 带48V供电的音响设备连接方法

- ① 使用配送的公母卡侬线进行连接, 将卡侬母头端插入麦克风底部的XLR接口, 直到扣键定位;
- ② 卡侬公头与音箱上带有48V供电的XLR接口进行连接, 并开启音箱的48V供电。



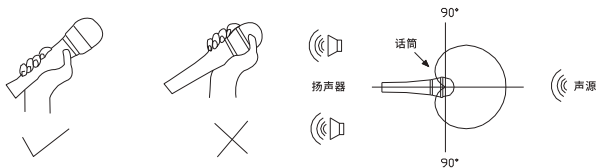
### 3. 不带48V供电的音响设备连接方法

- ① 使用配送的公母卡侬线进行连接, 将卡侬母头端插入麦克风底部的XLR接口, 直到扣键定位;
- ② 卡侬公头一端连接到48V幻象电源INPUT输入接口, 如幻象电源带有48V开关, 需打开48V开关;
- ③ 使用公母卡侬线将48V幻象电源与音响连接, 将卡侬母头端插入48V幻象电源的OUTPUT输出接口, 直到扣键定位;
- ④ 卡侬公头一端连接到音响的麦克风输入接口。

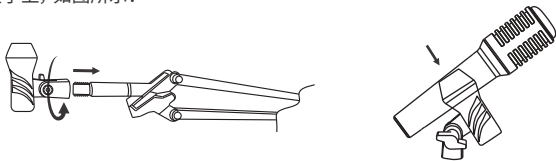


## PCM-5600 (GEN 2) 手持电容麦克风

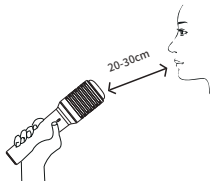
4. 建议使用时,应先将设备音量调小,再将音量从小到大调节至合适,以免声压过大对扬声器造成冲击;
5. 请勿用手握住麦克风网头部分,尽可能地拉开麦克风与扬声器的距离,避免麦克风和扬声器相对,以免影响麦克风音质及有效控制反馈啸叫。



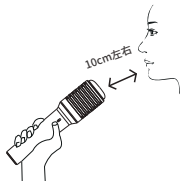
6. 麦克风可手持,也可以安装到支架上使用。安装支架使用时,先将配套的麦克风夹子安装到带有5/8标准螺纹接口的麦克风支架上,再将麦克风安装到夹子上,如图所示:



7. 使用时,请对准麦克风网头顶部方向,当麦克风灵敏度调到+10dB时,人与麦克风建议保持20-30厘米的拾音距离。当麦克风灵敏度调到0dB时,人与麦克风建议保持10厘米左右的拾音距离,如下图所示:



灵敏度调到+10dB时



灵敏度调到0dB时

### ■ 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接设备与本产品功率是否匹配以及合理调整设备音量大小，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，然后将产品送售后服务网点检修；
3. 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，使用中避免靠近火源，雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，避免损坏其功能；
4. 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；
5. 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产品，以免导致意外事故；
6. 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。



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。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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## ■ 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	×	○	○	○	○	○	○	○	○	○
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的温度和湿度等条件。										



## ■ Preface

Dear Customer,

Thank you for purchasing Takstar PCM-5600 (GEN 2) Handheld Condenser Microphone.

In order to better understand and use the product, please read this manual carefully.

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

## ■ Features

- Pro handheld condenser mic, suitable for studio recording, livestream karaoke, live performances, instrument recording and similar scenarios.
- Featuring a  $\Phi 26\text{mm}$  gold-plated diaphragm capsule, it delivers a wide frequency response for nuanced and dynamic sound.
- Cardioid pickup pattern design effectively suppresses noise and feedback, reducing ambient noise interference.
- Durable metal construction, baked paint finish, comfortable to grip.
- Two-step sensitivity switch for adjustable performance.
- Dual-layer metal mesh with built-in windscreen to effectively prevent plosives.

## ■ Applications

- Studio recording, livestream karaoke, live performances, instrument recording.

## ■ Package Contents

1 × PCM-5600 (GEN 2) Microphone

1 × XLR Cable

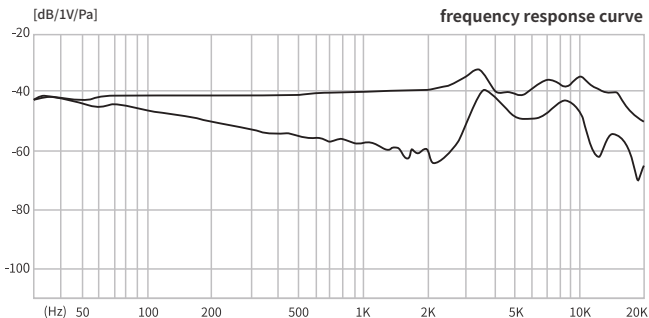
1 × Microphone Clamp

1 × Pleather Pouch

1 × Small Screwdriver

1 × User Manual

## ■ Specifications



Capsule:  $\varnothing 26\text{mm}$ , gold-plated diaphragm

Polar Pattern: unidirectional

Frequency Response: 20Hz-20KHz

Sensitivity:  $-39\text{dB} \pm 3\text{dB}$  (at 0dB)

Gain Control: +10dB

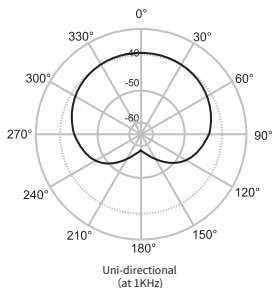
Equivalent Noise Level:  $\leq 20\text{dBA}$

Peak SPL: 130dB (THD $\leq 1\%$  at 1KHz)

Output Impedance:  $110\Omega \pm 30\%$  (at 1KHz)

Power Requirement: 48V phantom power

Net Weight: approx. 390g



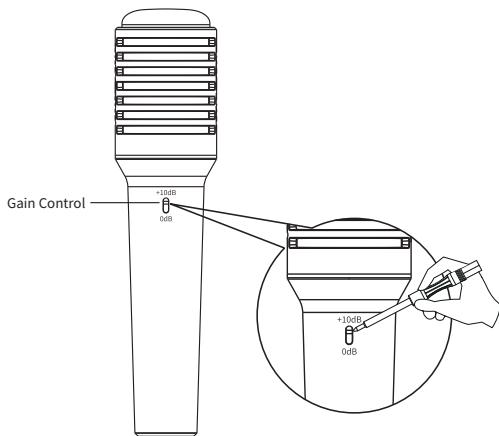
Note: The above data are measured by Takstar laboratory, and Takstar has the final interpretation right!

## ■ Function Descriptions

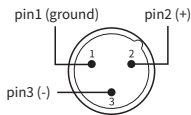
1. Gain Control: manually adjust the gain level as appropriate to your actual application.

- ① Flip to "+10dB ": boost pickup sensitivity by 10dB, suitable for live streaming, recording and other occasions that require long-distance sound pickup.
- ② Flip to " 0dB ": able to withstand higher sound pressure and effectively suppress acoustic feedback and howling, suitable for instrument pickup and live sound reinforcement, live performances, etc.

Note: The PCM-5600 (GEN 2) mic includes a dedicated small screwdriver for adjusting mic sensitivity, as shown in the figure:



2. XLR Port: used to connect to audio devices such as audio interface and mixing console via XLR cable.

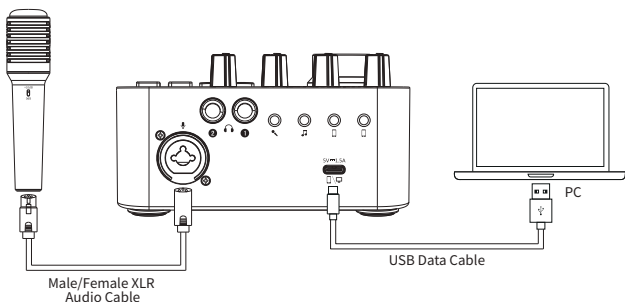


## ■ Operation Instructions

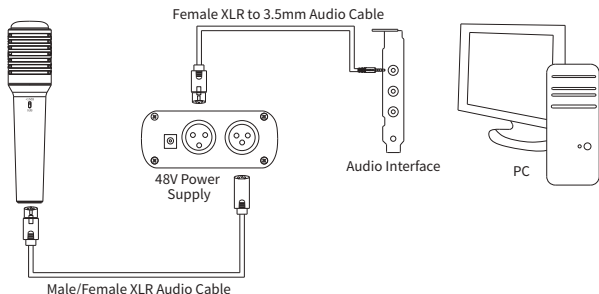
1. Using the XLR male-to-female cable, connect the mic to an audio device (e.g., audio interface, mixing console) with built-in 48V phantom power supply, or use an external 48V power supply (not included) if none.

Note: The phantom power supply requirement for this product is DC 48±4V/2.8mA±20%.

- ① Connection method for audio device with built-in 48V phantom power:



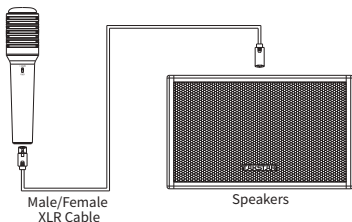
- ② Connection method for audio device without built-in 48V phantom power:



## PCM-5600 (GEN 2) HANDHELD CONDENSER MICROPHONE

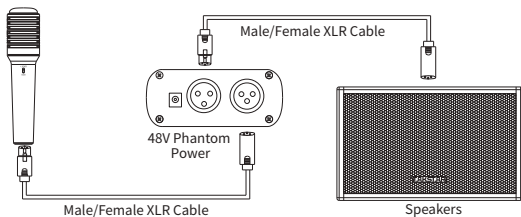
### 2. Connecting Speaker with 48V Power Supply

- ① Use the provided XLR male-to-female cable to connect, insert the female end into the mic's XLR interface until it clicks.
- ② Connect the male end to the speaker's 48V XLR input and activate the speaker's 48V power supply.



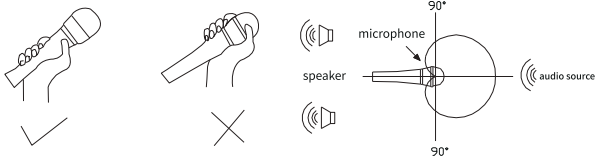
### 3. Connecting Speaker without 48V Power Supply

- ① Use the provided XLR male-to-female cable to connect, insert the female end into the mic's XLR interface until it clicks.
- ② Connect the male end to the INPUT of the 48V phantom power supply. If present, turn on the 48V switch.
- ③ Use a male-to-female XLR cable to connect the OUTPUT of the phantom power supply to the speaker. Insert the female end until it clicks.
- ④ Connect the male end to the mic input on the speaker.

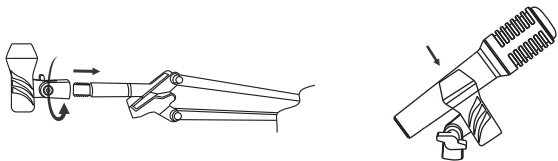


## PCM-5600 (GEN 2) HANDHELD CONDENSER MICROPHONE

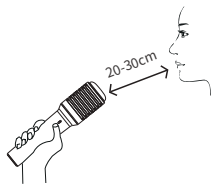
4. Start with a low volume and gradually increase to avoid damaging the speaker from excessive sound pressure.
5. Do not grip the mic by the mesh head. Maintain distance between the mic and speaker, and avoid direct alignment to reduce feedback and ensure sound quality.



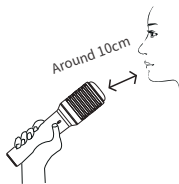
6. Hold the mic by hand, or install it on a stand. For stand installation, first fix the mic clamp onto the 5/8 standard-threaded connector on the stand, then secure the mic onto the clamp as shown below:



7. Please speak towards the top of the mic grille while recording. When mic sensitivity is at +10dB, recommended distance from mic is 20~30cm; when at 0dB, recommended distance is around 10cm, as shown below:



Sensitivity at +10dB



Sensitivity at 0dB

### ■ 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 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 after-sales service for repair.
3. 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.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. 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



According to the test results obtained based on RL2004/108/EG (Electromagnetic Compatibility Directive) and RL2006/95/EG (Low Voltage Directive), this product complies with the limits specified in the European Community EMC (Electromagnetic Compatibility) Directive, an integration of relevant laws from its member states.



This symbol indicates that, according to WEEE (Waste of Electrical and Electronic Equipment) Directive (2012/19/EU) and national laws, this type of waste should not be discarded along with your household waste, as it contains potentially hazardous substances that may pose a negative impact on the environment and human health. It should be handed over to an authorized WEEE collection facility for recovery and recycle. Herewith you will be helping effective utilization of natural resources. For more information on disposal of WEEE products, please contact your local municipality, waste management bureau or 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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