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广东省电声工程技术研究开发中心
广东得胜电子有限公司制造

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Designed & Manufactured by:

Guangdong Takstar Electronic Co., Ltd.

Address: No.2 Fu Kang Yi Rd., Longxi Boluo

Huizhou, Guangdong 516121 China

TAKSTAR® 得胜

声悦动人



PCM-5600

专业录音麦克风

PROFESSIONAL
RECORDING MICROPHONE

前言

尊敬的用户：

感谢您选购得胜PCM-5600专业录音麦克风，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

- ◆ 一款专业录音室级手持电容麦克风，适用于直播K歌、现场演出、专业录音等
- ◆ 采用专业电容音头，宽广的频率响应，为表演带来细腻、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
- ◆ 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
- ◆ 麦克风舒适的握持手感，方便歌手演唱时拉麦、控麦的需要
- ◆ 内部采用硅胶减震结构，有效防止手持噪音，保障拾音效果
- ◆ 网头采用双层金属网防喷麦设计，有效打散强气流，防止喷麦声
- ◆ 精细的全金属外壳结构，提升触感和握感

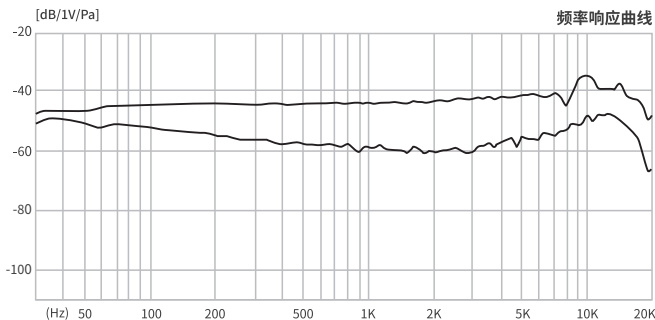
适用范围

- ◆ 直播K歌、现场演出、专业录音等

标准配置

- | | | |
|------------------|------------|----------|
| ◆ PCM-5600麦克风 一支 | ◆ 麦克风夹子 一个 | ◆ 卡侬线 一条 |
| ◆ 铝合金箱 一个 | ◆ 皮袋 一个 | ◆ 说明书 一份 |

技术参数



音头：电容式音头

指向性：单指向

频率响应：30Hz-20KHz

灵敏度：-43dB \pm 3dB (at 0dB)

增益调节：+10dB

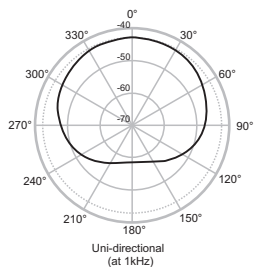
等效噪声级： \leq 20dBA

峰值声压级：130dB (THD \leq 1% at 1KHz)

输出阻抗：110 Ω \pm 30%(at 1KHz)

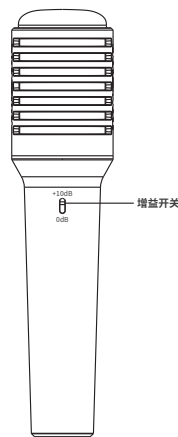
工作电压：48V \pm 4V幻象电源

单体重量：约400g



注：以上数据由得胜实验室测试得到，并拥有最终解释权！

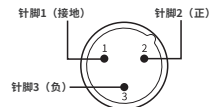
功能示意



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、演唱等需要远距离拾音的场合；

②当开关拨到“0dB”位置时，为无衰减状态，能够承受更高的声压，一般在高声压级大动态拾音场合使用(如说唱，乐器拾音等)。



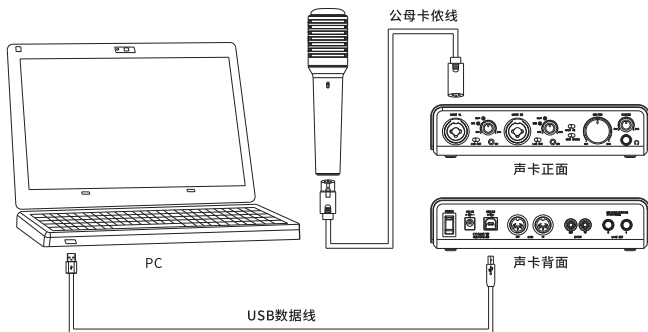
2、XLR接口：通过XLR音频线与声卡、调音台等音频设备连接。

使用说明

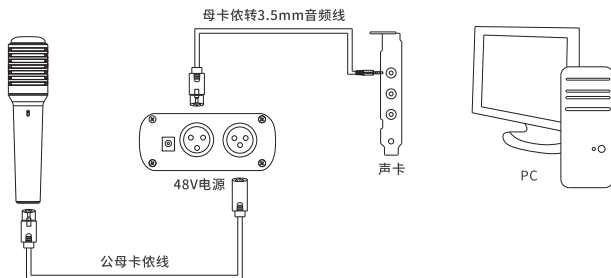
1. 通过公母卡依线材与带有48V供电的音频设备（如声卡、调音台等）连接，若设备本身没有幻象电源，则需另购一个48V幻象电源进行连接。

注：本产品需求的48V幻象电源规格为DC 48±4V/2.8mA±20%

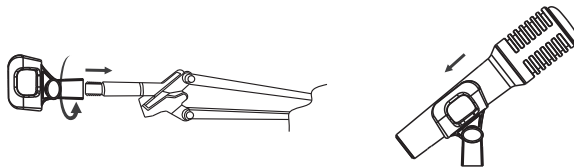
- ① 音频设备带48V幻象电源供电的连接方法：



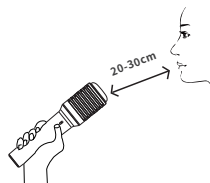
- ② 音频设备不带48V幻象电源供电的连接方法：



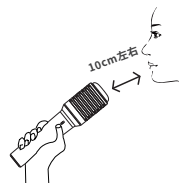
2. 麦克风可手持，也可以安装到支架上使用。安装支架使用时，先将配套的麦克风夹子安装到带有5/8标准螺纹接口的麦克风支架上，再将麦克风安装到夹子上，如图所示：



3. 建议使用时，应先将音频设备（声卡、调音台等）音量调小，再打开幻象电源开关，并将音量大小从小到慢慢调节至合适，以免声压过大对扬声器造成冲击；尽可能地拉开麦克风与扬声器的距离，避免麦克风与扬声器相对引起啸叫。
4. 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，然后将产品送经销商检修；
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经销商跟进处理。
7. 只能使用本产品要求规格的幻象电源，适用的海拔及气候条件由幻象电源决定，使用前请阅读并理解幻象电源上的图标含义。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

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经销商确认。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/>

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的温度和湿度等条件。						



Preface

Dear Customer,
Thank you for purchasing Takstar PCM-5600 Professional Recording 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

- ◆ Handheld condenser mic for studio recording, livestream karaoke or live performance
- ◆ Pro condenser capsule with wide frequency response for detailed dynamic timbre
- ◆ Cardioid pickup pattern greatly reduces surrounding noise and feedback
- ◆ Two-gear sensitivity control suits various applications
- ◆ Comfortable to grip, easy to handle during stage performance
- ◆ Internal silicon damper prevents handling noise for clean sound
- ◆ Dual-layer metal grille effectively cuts off plosives
- ◆ Exquisite full-metal body, upgraded texture and feel

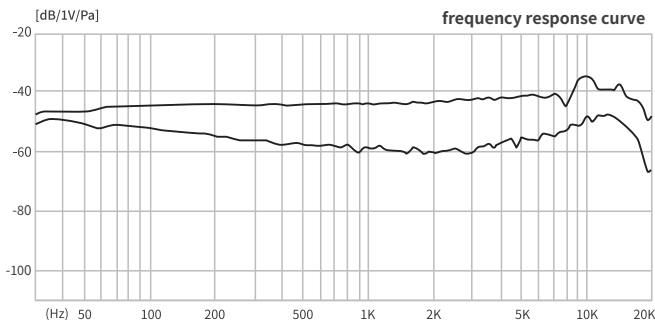
Applications

- ◆ Livestream karaoke, live performance, studio recording

Package Contents

- ◆ PCM-5600 Microphone 1 pc
- ◆ Microphone Clamp 1 pc
- ◆ XLR Cable 1 pc
- ◆ Aluminum Case 1 pc
- ◆ Pleather Pouch 1 pc
- ◆ User Manual 1 pc

Specifications



Capsule: condenser capsule

Polar Pattern: unidirectional

Frequency Response: 30Hz-20KHz

Sensitivity: $-43\text{dB} \pm 3\text{dB}$ (at 0dB)

Gain Control: +10dB

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

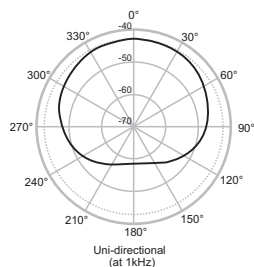
Peak SPL: 130dB (THD $\leq 1\%$ at 1KHz)

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

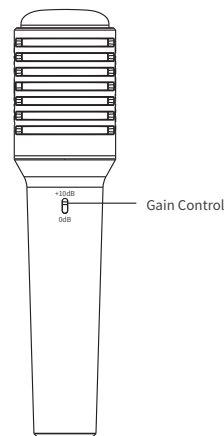
Power Requirement: 48V \pm 4V phantom power

Net Weight: approx. 400g

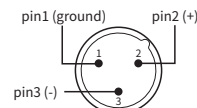
Note: The above data is measured by Takstar laboratory, and Takstar has the final interpretation right!



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 vocal pickup at farther distance during live stream, recording, or performance.
 - ② Flip to “0dB” : no boost or attenuation, suitable for pickup of sources with high sound pressure (e.g., rap, instrument) as it has higher withstanding ability.



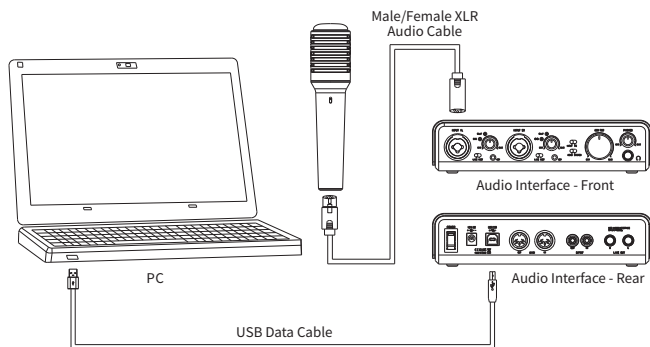
2. XLR Port: used to connect to audio device such as audio interface and mixing console via XLR cable.

Operation Instructions

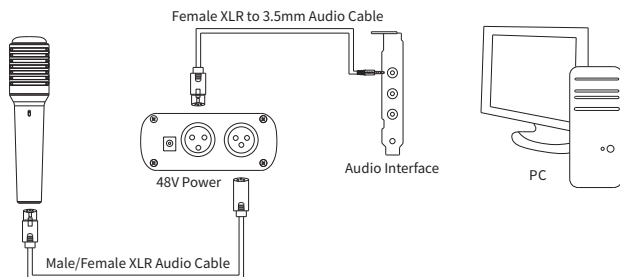
- Using the XLR male-to-female cable, connect the mic to an audio device (e.g., audio interface, mixing console) with built-in 48V phantom power supply, or use an external 48V power supply (not included) if none.

Note: The phantom power supply requirement for this product is $DC\ 48\pm4V/2.8mA\pm20\%$.

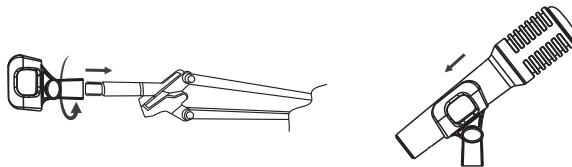
- ① Connection method for audio device with built-in 48V phantom power:



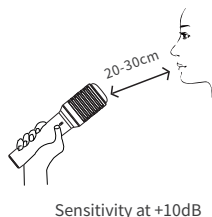
- ② Connection method for audio device without built-in 48V phantom power:



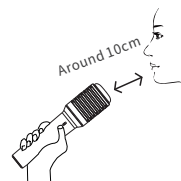
- Hold the mic by hand, or install it on a stand. For stand installation, first fix the mic clamp onto the 5/8 standard-threaded connector on the stand, then secure the mic onto the clamp as shown below:



- Please turn the volume to the minimum on the audio device (e.g., audio interface, mixing console) before switching on the phantom power. Then gradually increase the volume to an appropriate level. This helps to prevent the speakers from being damaged by high sound pressure. Keep a proper distance between the mic and the speakers to avoid feedback howling.
- 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 dealer 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 dealer.
7. Only use phantom power specified for the product. The applicable altitude and climate conditions are subject to those described on the phantom power, for example:



Suitable only for
altitudes below 2,000m



Suitable only for
non-tropical climates

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. For the latest version/more information, please visit our website: <https://www.takstar.com/>
Specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local dealer.

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

◆ 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蓝康一路2号

