

TAKSTAR® 得胜



MS300 会议麦克风 使用说明
MS300 Conference Microphone User's Manual

MS300 会议麦克风

■ 前言

尊敬的用户：

感谢您选购得胜MS300会议麦克风，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

- 采用电容触控开关技术，操作灵敏无冲击声；
- 采用集音管拾音，拾音距离20-80cm，拾音距离远；
- 三档增益调节，声压处理能力较好，可根据场合灵活配置；
- 具有三档低频（0/80/150Hz）衰减功能，能降低会议室内的低频环境干扰噪音；
- 采用超心型指向拾音，可有效降低环境噪音的拾取；
- 采用射频干扰（RFI）屏蔽技术，能有效消除因电磁或手机干扰产生的噪声；
- 具有LED指示功能，工作状态一目了然；
- 麦克风采用航空连接器固定，电气性能更可靠、维护更方便

■ 适用范围

适用于会议、广播等场景

MS300 会议麦克风

■ 技术参数

单体：背极式驻极体

指向性：超心型指向

频率响应：30Hz-18kHz

灵敏度：-28dB/-18/-38±3dB (0dB=1V/Pa at 1kHz)

输出阻抗：200Ω±30% (at 1kHz)

负载阻抗：≥1000Ω

使用电压：48V幻象电源

注：以上数据由得胜实验室测试得到。

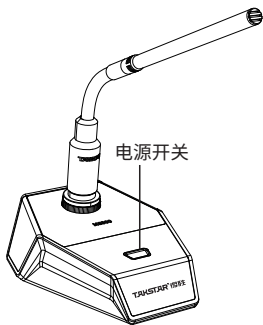
■ 产品配置

- MS3001台
- 防风棉1个
- 音频连接线1条
- 说明书1份

■ 功能示意

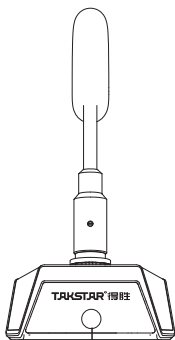
正面板：

- ①电源开关：通过触摸切换开机或关机状态。开机时，指示灯长亮绿色；关机时，指示灯长亮红色；



背面板：

- ①小三芯卡侬接口：通过XLR音频线与远程视频会议系统、调音台、幻象电源等设备连接；



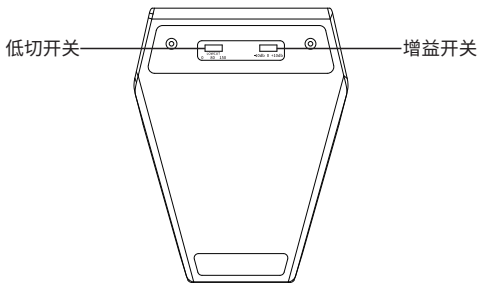
小三芯卡侬接口

MS300 会议麦克风

底部面板：

①增益开关：默认档位为“0”，处于关闭增益调节状态；当开关拨至“+10dB”位置时，为增强拾音灵敏度，适合远距离拾音；当开关拨至“-10dB”位置时，降低拾音灵敏度，适合近距离拾音，可根据不同使用环境选择；

②低切开关：当开关拨至“0”位置时，为正常拾音状态；当开关拨至“80”位置时，可滤除呼吸声及喷麦声；当开关拨至“150”位置时，可滤除150Hz以下的低频环境噪声（如交通、空调系统、震动声等）；

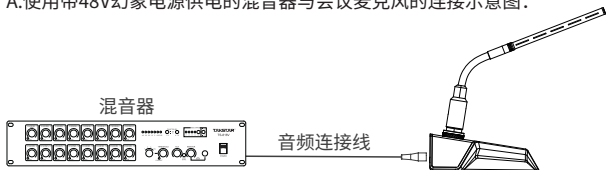


■ 使用说明

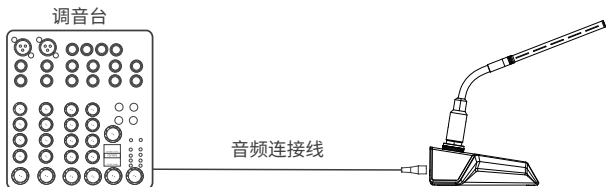
使用方法

1. 卡好卡侬输出线，并连接至功放音响设备输入插孔，如下图所示：

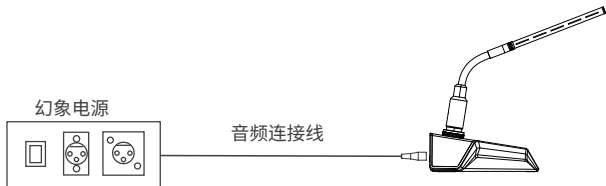
A. 使用带48V幻象电源供电的混音器与会议麦克风的连接示意图：



B. 使用带48V幻象电源供电的调音台与会议麦克风的连接示意图：



C. 使用幻象电源供电与会议麦克风的连接示意图：



2. 使用时，应将功放音响设备音量旋钮先控制在零位置，然后开启功放音响设备和麦克风的电源开关，慢慢调大功放音响设备音量，直至合适为止。

3. 建议说话距离应与会议麦克风保持在20-50cm左右。

■ 故障排除

会议麦克风没有声音：

- 1.检查会议麦克风与功放音响设备是否连接到位，请重新插拔后再试；
- 2.检查所连设备是否有提供48V幻象电源功能，且“48V”开关是否拨到“ON”位置；
- 3.检查所连的设备麦克风音量是否调得过小，调节之后看是否能恢复正常；
- 4.更换连接线材尝试排除是否是线材问题。

■ 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功率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，以免造成产品损伤和听力异常；
- 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，然后将产品送经销商检修；
- 3.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；
- 4.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；
- 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本机，以免导致意外事故；


请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务请联系当地经销商跟进处理。

MS300 会议麦克风

■ 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。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。

 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。

■ 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/>


■ 故障排除

产品中所含有毒有害物质或元素的名称及含量

部件名称 (大体分类)	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)
塑胶部件	○	○	○	○	○	○
五金部件	×	○	○	○	○	○
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。



MS300 Conference Microphone

■ Preface

Dear Customer,

Thank you for purchasing Takstar MS300 Conference 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

- Capacitive touch switch, responsive without impact noise.
- Sound collection tube for farther pickup distance at 20-80cm.
- Three-step gain control for higher SPL handling and more flexible application.
- Three-step low-cut function (0/80/150Hz) for lower LF environmental noise in conference room.
- Supercardioid polar pattern effectively reduces pickup of environmental noise.
- RFI shielding technology effectively eliminates noise from electromagnetic or phone interference.
- Intuitive LED indicates device status clearly.
- Secured by aeronautical connector for more reliable electrical performance and easier maintenance.

■ Applications

Suitable for conference, broadcast, etc.

MS300 Conference Microphone

■ Specifications

Capsule: back electret

Polar Pattern: supercardioid

Frequency Response: 30Hz-18kHz

Sensitivity: -28dB/-18/-38±3dB (0dB=1V/Pa at 1kHz)

Output Impedance: 200Ω±30% (at 1kHz)

Load Impedance: ≥ 1000Ω

Power Requirement: 48V phantom power

Note: The above data is measured by Takstar laboratory.

■ Package Contents

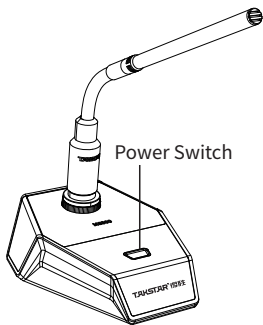
- MS3001台
- Windscreen1个
- Audio Cable1条
- User Manual1份

MS300 Conference Microphone

■ Function Descriptions

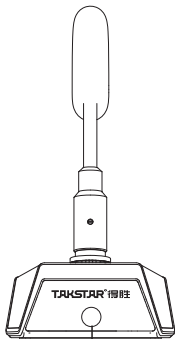
Front Panel

① Power Switch: turns on/off the mic by touch. The LED indicator lights up based on whether the mic is powered on (green) or off (red).



Rear Panel

① 3-Pin Mini XLR Interface: connects to devices such as teleconferencing system, mixer, and phantom power via XLR audio cable.

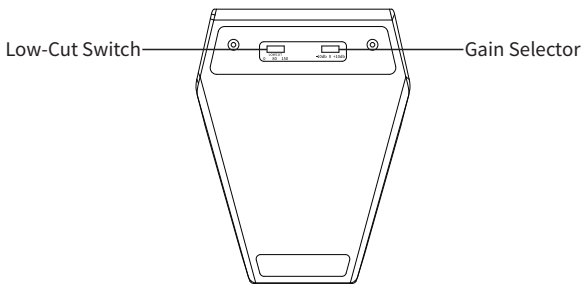


3-Pin Mini XLR Interface

MS300 Conference Microphone

Bottom Panel

- ① Gain Selector: the default gear is "0" where gain setting is off; set to "+10dB" position to boost pickup sensitivity for farther distance pickup; set to "-10dB" position to lower pickup sensitivity for close range use. Select according to your use scenario.
- ② Low-Cut Switch: when set to "0", mic is in normal sound pickup status; when set to "80", it filters out breathing sound and plosives; when set to "150", it filters out low-frequency environmental noise below 150Hz (e.g., traffic, air conditioner and vibration noise).



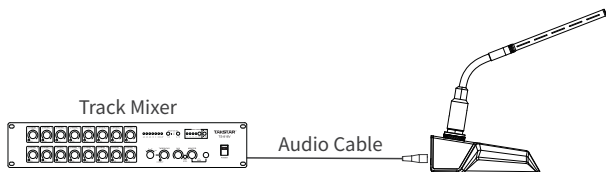
MS300 Conference Microphone

■ Operation Instructions

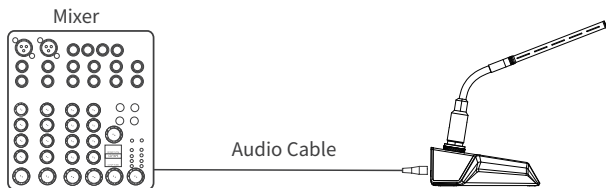
How to Use

1. Properly connect one end of the XLR output cable to the mic and the other to the input jack of an amplifier or audio equipment as shown in the following diagrams:

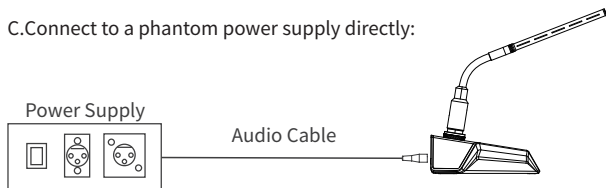
A. Connect to a track mixer with a 48V phantom power supply:



B. Connect to a mixer with a 48V phantom power supply:



C. Connect to a phantom power supply directly:



MS300 Conference Microphone

1. Turn the volume of the amplifier and other audio equipment to zero before turning them and the mic on; then gradually increase their volume to an appropriate level.
2. Recommended distance from the mic is about 20-50cm when speaking.

■ Troubleshooting

No sound from the conference mic:

1. Check whether the conference mic is properly connected to the amplifier and audio equipment; please re-plug and retry.
2. Check whether the connected equipment provides 48V phantom power, and whether the 48V switch is set to "ON".
3. Check whether the mic volume of the connected equipment is set too low; adjust and see if it becomes normal.
4. Replace the connection cable to rule out cable problem.


■ 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.
- 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.

MS300 Conference Microphone

■ 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.

 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:

MS300 Conference Microphone

- 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.

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盖康一路2号



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