



有线/无线会议麦克风

Wire/Wireless Table Conference
Microphone System

使用说明书
User's Manual



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Specification

Polar Pattern: Uni-directional

Mute Control: Noise-locking

Frequency Deviation: $\pm 18\text{kHz}$

Frequency Response: 100Hz-12kHz

Frequency Steadiness: $\pm 0.005\%$

S/N Ratio: $>80\text{dB}$

Total Harmonic Distortion: $<1\%$ (1kHz)

Sensitivity: -80dBm (S/N Ratio: 30dB)

Resonance Interfere Rate: $\geq 60\text{dB}$

Using Distance: 70m in open area

Receiver Power Supply: DC 9V/300mA

Transmitter Power Supply: DC 3V batteries

Desktop Microphone Transmit Power: 20mW

Frequency Range: 220-260MHz

产品介绍

TAKSTAR 无线/有线两用台式会议麦克风，主要为会议、公众传播、户外演讲等场合而设计。这套无线麦克风系统具有使用距离长、高保真音色、频率响应宽、极低的失真度和无线/有线自动切换等特点。本系统的设计不需幻象电源供电，解决了传统的利用幻象电源和连线复杂的缺陷。麦克风的鹅颈部分灵活多变的组合，能够满足不同场合的特殊需要。麦克风采用电池供电，安装方便、操作简单。既可单独使用，也可配合会议系统工程安装。

主要特性

- 使用VHF 220-260MHz频段。
- 采用多级窄带滤波，充分消除干扰信号。
- 采用低电压供电。
- 全部采用石英晶体振荡，使频率更加稳定。
- 动态范围宽广。
- 设有声反馈防啸叫功能，能有效减小回授啸叫。
- 有线无线自动切换。
- 指向性强。
- 外观流畅，安装方便，操作简单。



MS-168W

随机配置

接收机	一台
台式（有线/无线两用）麦克风	一台
音频输出线	一条
卡侬线	一条
电源转换器	一个
1. 5V（5#）电池	两节
说明书	一份
保修卡	一张

麦克风操作说明

1. 打开底座电池盖，按标示装好1. 5V（5#）电池两节，注意电池不能装反。
2. 打开电源开关，按下POWER钮，会议麦克风咪头部红色光环点亮，无线麦克风开始工作。
3. 使用有线时，将卡侬线插入台式会议麦克风的输出插孔内，无线发射部分自动切换，并将卡侬线的另一端插入功放，有线开始工作。
4. 若长期不使用时，请从底座内取出电池，以免电池漏液而损坏麦克风。

接收机操作说明

1. 将电源转换器插头插入供电插座，注意电源电压为AC 220V/50Hz。
2. 打开电源开关，电源指示灯亮。
3. 拉出天线，使之与机体成90° 角。
4. 将音频输出线插入音频输出座，另一端插入功放。
5. 长期不使用时，请拔出电源转换器。

Cautions

1. The receiver should be more than 1m above the floor and more than 1m away from the walls.
2. For better effect, please do not put the microphone in the dead angle place while using.
3. Do not expose the system directly to sun and rain, and keep it away from any magnetic filed.
4. The desktop conference microphone is powered only by DC 3V batteries, no phantom power supplier is applicable.
5. Any change or modification on the construction of this device, which is not expressly approved by the party responsible for compliance, could cause a malfunction and void the user's authority to operate the equipment.

Troubleshooting

Phenomenon	Reason
The receiver is turned on, but the indicator does not light	Check if the adaptor is well connected, and if the socket is not broken.
When the using distance gets shorter, the signal becomes unsteady.	Pull out the antenna. Check if the batteries are not running off and replace them with the fresh ones if needed. If the receiver is put in an inappropriate position, ie. on the ground or at the corner of the wall or in a strong electromagnetic filed, please change its position.
Sound quality gets worse	The batteries of the microphone are running off, please replace them with the fresh ones. If there is same frequency signal problem, do not use two machines with same frequency at the same time in the same area. (The distance must be at least 100m between two machines with same frequency)
The microphone is turned on, but the indicotor does not light.	Check the polarity of the batteries and correct their position if needed.

If there are any other troubles or problems observed, please do not open and repair it by yourselves. Please, first contact our distributors or directly come back to us. We will try our best to provide you with professional and efficient service.

Assembly List

Receiver	1pc
Desktop Microphone (Wired/Wireless)	1pc
Audio Output Cable	1pc
XLR Cable	1pc
Power Adaptor	1pc
1.5V (AA) Battery	2pcs
Users'Manual	1copy
Warranty Card	1pc

Microphone Operating Instruction

1. Open the battery cover of the microphone base and insert 2pcs 1.5V AA batteries with proper polarity.
2. Press the “POWER” knob to turn the unit on, the red ring of the conference microphone lights indicating the microphone is in a working state.
3. Plug the XLR cable into the output socket of the desktop conference microphone, the wireless function will be automatically switched into the wired one, then connect the other end of XLR cable the power amplifier.
4. When not using the microphone for a long time, please take out the batteries from the microphone base in order to avoid damaging the unit by chemical leakage from the battery.

Receiver Operating Instruction

1. Plug the connector of the power adaptor into the socket of power source; please make sure the power voltage is AC 220V/50Hz.
2. Turn on the power switch, the power indicator lights.
3. Pull out the antenna and make it perpendicular to the unit (90°)
4. Plug the audio output cable into the audio output socket of the receiver, then connect the other end of the cable with power amplifier.
5. When not using the receiver for a long time, please disconnect the power adaptor.

注意事项

1. 接收机的安装离地面要高于1m，距离墙面大于1m。
2. 麦克风使用时，应避免放置到死角的地方，以保持信号接收状况良好。
3. 机体应避免直接日晒雨淋，尽量远离电磁场。
4. 会议台式麦克风电源供电为DC 3V电池供电，决不能使用幻象电源供电。
5. 没有经过厂家授权同意，用户不得擅自对机体内做修改或变动，修改或擅自改系统内部配件，可能导致机器不能正常工作，并且可能使保修承诺作废。

简单故障处理

现象	原理
打开接收机电源开关指示灯不亮	检查电源转换器是否插好，插座是否有电。
使用距离变短，信号不稳定	接收机天线未拉出，麦克风电池电量不足，请更换。接收机放置位置不对，例如：放在地上或墙角，周围有强烈的电磁场干扰，应远离电磁场。
音质变差	麦克风电池已用完，请更换，周围有同频率的高频信号，切勿将两台同频率的机器同时同地使用。（至少相距100m）
打开台式有线/无线麦克风电源开关指示灯不亮	检查电池极性是否装反需调整。

若发生故障或本说明书未提出的问题，切勿自行拆开修理，请及时与经销商或本公司联系，我们将竭诚为您服务。

技术参数

指向性：单一指向性

静音控制：杂讯锁定

频偏：±18kHz

频率响应：100Hz-12kHz

频率稳定度：±0.005%

信噪比：>80dB

失真度：<1%（1kHz）

灵敏度：-80dBm（信噪比：30dB）

谐波干扰比：≥60dB

使用距离：空旷地带可达70m

接收机供电：DC 9V/300mA

发射器供电：DC 3V电池

台式麦克风发射功率：20mW

频率范围：220-260MHz

Product Introduction

TAKSTAR Wired/Wireless Desktop Conference Microphone is mainly designed for applications such as large-scale conferences, public addresses, outdoor speeches etc. This wireless microphone system features long using distance, Hi-Fi sound, wide frequency response, low distortion as well as the function of switching from wired into wireless option automatically. The system is especially designed to avoid being powered by phantom power, which sets the user free from problems of conventional connections. Its flexible gooseneck can be altered smoothly and quietly to fit the needs of any situation. The microphone is powered by batteries, which enables its easy installation and simply operation, making it suitable for either single using or assembling with conference systems.

Main Features

- Adopting VHF 220-260MHz frequency band.
- Multi-level narrow-band with the filter to fully clear up interference of hash.
- Low-voltage power supply design.
- Pure quartz shack circuit for more stable frequency.
- Wide dynamic range.
- Function of effective reducing the howling.
- Wire / Wireless automatic switching.
- Super polar pattern.
- Smooth exterior, easy installation, simple operation.



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