



Thank you for purchasing this product. Before using the product, read through the user manual to ensure that you will use the product correctly. Please keep this manual for future reference.

Features

- Designed for high-quality sound reinforcement, conferencing, professional recording and other demanding sound pickup applications
- Line-cardioid condenser microphone with power module
- Adapted to Microphone mounting base and some desk stand
- Equipped XLR3-M connector for easy connection to compatible units with 3-pin XLR female sockets
- Integral windscreens ensure ultimate security against wind noise and plosives
- Sturdy metal housing design with ball-in-socket base permits flexible positioning

Notes on use

The AT881TL/FM requires a phantom power supply of 11–52V DC for the element. Output is low-impedance balanced. The balanced signal appears across Pins 2 and 3, while the ground (shield) connection is Pin 1. Output is phased so that positive acoustic pressure produces positive voltage at Pin 2, in accordance with industry convention.

Compatible with 50IU-FM series mounting base with 3-pin balanced microphone input. Also suitable for use with many microphone desk stands.

The element in the microphone is shock mounted. The Line-cardioid polar pattern of the element provides a 90° angle of acceptance. The AT881TL/FM is designed with integral wind-screens to ensure maximum security against wind noise and plosives.

Safety precaution

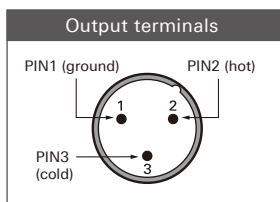
Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

Cautions for the product

- Do not subject the product to strong impact to avoid malfunction.
- Do not disassemble, modify or attempt to repair the product.
- Do not handle the product with wet hands to avoid electric shock or injury.
- Do not store the product under direct sunlight, near heating devices or in a hot, humid or dusty place.

Connection procedure

Connect the output terminals of the microphone to a device that has a microphone input (balanced input). The output connector is an XLRM-type with polarity as shown in the figure below.



Specifications

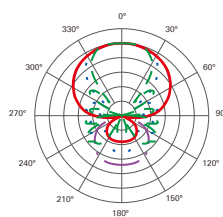
Element	Back electret condenser
Polar pattern	Line-cardioid (Unidirectional)
Frequency response	20 - 20,000 Hz
Open circuit sensitivity	-31 dB (28.2 mV) re 1V at 1 Pa
Impedance	100 ohms
Maximum input sound level	126 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-noise ratio	>69 dB, 1 kHz at 1 Pa
Phantom power requirements	11-52V DC, 2 mA typical
Weight	322g approx.
Dimensions	190 mm - long, 214 mm - Max. height, 37 mm - Width
Output connector	Integral 3-pin XLRM-type

For product improvement, the product is subject to modification without notice.

Compatible Products:

- 50IU-FM01 Microphone Mounting Base
- 50IU-FM02 Microphone Mounting Base with All-mute control
- 50IU-FM03 Microphone Mounting Base
- 50IU-FM04 Microphone Mounting Base with All-mute control

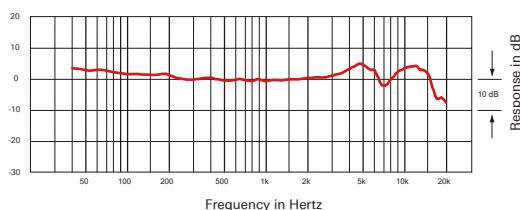
Polar pattern



LEGEND



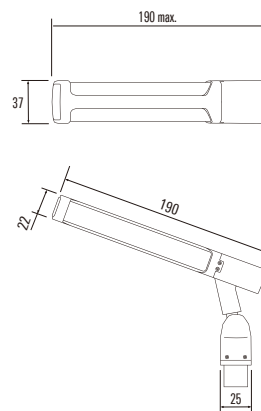
Frequency response



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Dimension



(Unit: mm)



感谢您购买本产品。在使用产品之前，请全文浏览本用户手册以确保您将正确地使用本产品。请妥善保管本手册，以供将来参考。

产品特点

- 设计于公共广播、会议、专业录音及其他特别要求的收音应用
- 收音单元为超指向性设计，并提供供电放大器电路
- 适用于话筒安装底座和部分桌面话筒座
- 配备 XLR3-M 连接器，可轻松连接到带有 3 针 XLR 母插座的适用产品
- 整合了双网层防风罩，可减低环境噪声及风声
- 话筒以活动滑珠固定在底座上，可将收音头作上下左右进行旋转，以达到良好的收音效果

使用注意事项

AT881TL/FM的供电模组使用11V至52V的幻像供电工作，低阻抗的平衡音频输出，终端音频信号以卡农公头的2号及3号针脚输出，而1号针脚则为地线(屏蔽)连接，输出相位将以正相电平设于2号针脚上。

兼容于具有 3 针平衡话筒输入的 50IU-FM 系列的话筒安装底座。也适用于部分桌面话筒座使用。

收音元件经过防震安装，以超指向性模式提供 90° 接收范围。AT881TL/FM 外壳为全金属结构，话筒底部以活动滑珠固定在底座上，可灵活调校收音位置，并配有减低环境噪声及风声的防风罩。

安全预防措施

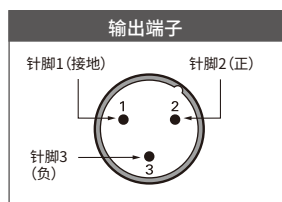
虽然本产品采用安全设计，但使用不当仍可能发生事故。为了确保安全，使用本产品时请注意全部警告和提醒。

本产品注意事项

- 切勿让本产品遭受强烈冲击，以避免发生故障。
- 切勿拆开、改装或尝试维修本产品。
- 切勿用湿手握持本产品，以免触电或受伤。
- 切勿将本产品存放在阳光直射的地方、加热装置附近或者炎热、潮湿或多尘的地方。

连接步骤

将话筒的输出端子连接到具有话筒输入（平衡输入）的设备。输出接口是XLRM型接口，其极性如下图所示。



规格

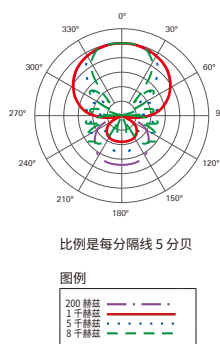
元件	背板静电型电容式
指向性	超指向性
频率响应	20-20,000 Hz
开路灵敏度	-31 dB (28.2mV) re 1V at 1Pa
阻抗	100 欧姆
最大输入声压级	126 dB SPL (1kHz at 1% THD)
信噪比	>69 dB (1kHz at 1Pa)
幻象供电	直流 11-52V, 耗电 2mA 典型
重量	约 322 克
尺寸	190 mm - 伸至最长, 214 mm - 伸至最高点, 32 mm - 宽
输出接口	3针卡农公头于输出端

因产品改进，本产品会随时改装，恕不另行通知。

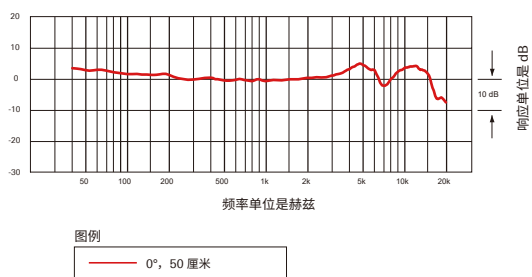
兼容产品:

- 50IU-FM01 话筒安装底座
- 50IU-FM02 话筒安装底座带全静音控制
- 50IU-FM03 话筒安装底座
- 50IU-FM04 话筒安装底座带全静音控制

指向性



频率响应



尺寸

