



### AT SERIES



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 quality sound reinforcement in demanding situations, especially those requiring separate miking for PA and broadcast
- Line-cardioid condenser microphone with independent power module
- Integral, phantom-powered
- Integral windscreens ensure ultimate security against wind noise and plosives
- Sturdy metal housing design with ball-in-socket base permits flexible positioning
- Heavy die-cast case and rubber bottom pads minimize coupling of surface vibration to the microphones

#### Description

The AT881TL 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.

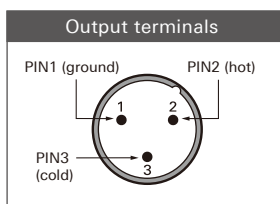
The elements in the microphone is shock mounted. The Line-cardioid polar pattern of the element provides a 90° angle of acceptance. The AT881TL is designed with integral wind-screens to ensure maximum security against wind noise and plosives.

The AT881TL is enclosed in a sturdy metal housing with a low-reflectance black finish. Its base is a desk stand that connected with a 2 meter connecting cable, which terminates in a 3-pin XLRM-type connector.

Avoid leaving the microphone in the open sun or in areas where temperatures exceed 43°C for extended periods. Extremely high humidity should also be avoided.

#### Connection procedure

Connect the output terminal of the microphone to device that have a microphone input (balanced input) compatible with a phantom power supply. The output connector is XLRM-type with polarity as shown in the figure below.



This product requires 48 V DC phantom power.

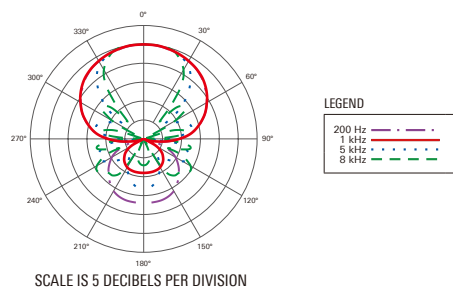
#### Specifications

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% THD)
Signal-to-noise ratio*	>69 dB (1 kHz at 1 Pa)
Phantom power requirements	11-52 V DC, 2 mA typical
Weight	1.15 kg
Dimensions	214 mm - Max.long, 227 mm - Max. height, 102 mm Width
Cable	2 m long, vinyl-jacketed cable
Output connector	3-pin XLRM-typen

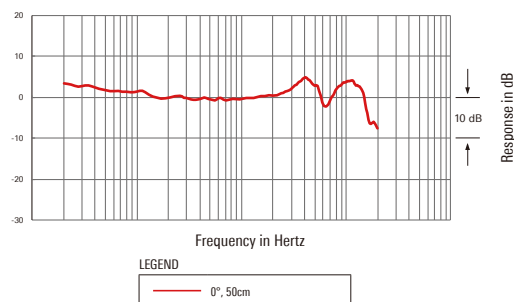
• 1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL  
\* Typical, A-weighted, using Audio Precision System One.

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

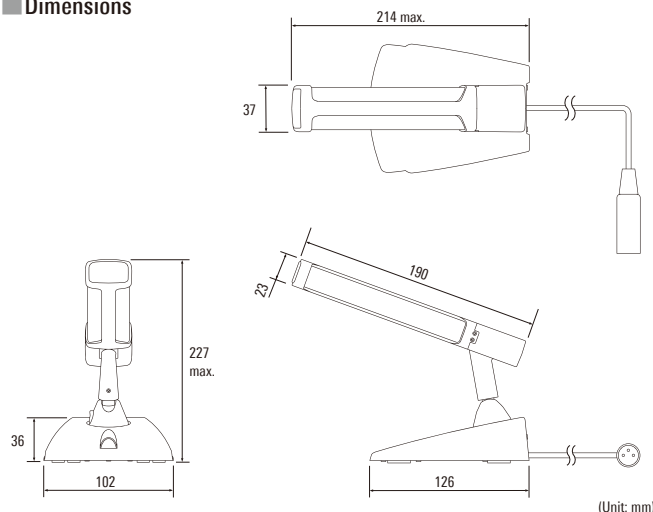
#### Polar pattern



#### Frequency response



#### Dimensions





## AT SERIES



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。

### ■ 特性

- 设计于公共广播、专业录音、电视广播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
- 以幻象供电操作
- 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，以达到最佳收音效果
- 压铸成型的底座和橡胶底垫，能减低碰撞平面时产生的敲击声及震动声

### ■ 说明

AT881TL的供电模组使用11V至52V的幻象供电工作，低阻抗的平衡音频输出，终端音频线信号以两组卡农公头的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，并以附带的3针XLRM卡农接线连接到调音台。

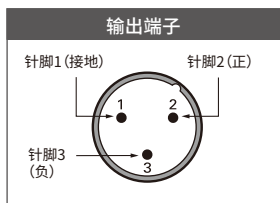
话筒内配置有超指向的收音头，各可以提供90°收音角度，AT881TL设有双网层防风罩，可减低环境噪声及风声。

AT881TL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。底座接有2米长固定式3针XLRM卡农接线，可为主音响系统传送信号。

把话筒暴露于高温中可能导致输出电平逐渐及永久性减弱，应避免将话筒留在日晒的地方或长时间置于温度超过43°C的地方，而极高湿度也应避免。

### ■ 连接步骤

将话筒的输出端子连接到具有兼容幻象电源的话筒输入(平衡输入)的设备。输出接口是XLRM型接口，其极性如下图所示。



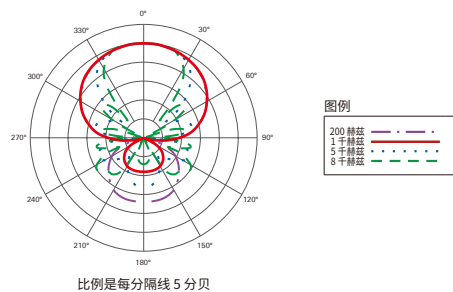
本产品使用直流48V幻象电源。

### ■ 规格

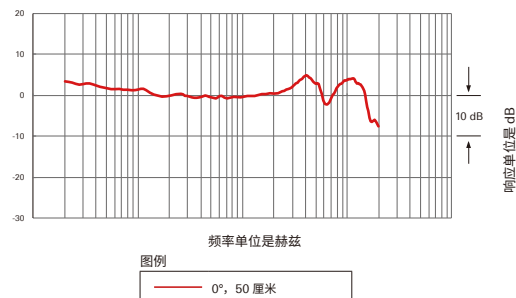
元件	背板静电型电容式
指向性	超指向性
频率响应	20-20,000 Hz
开路灵敏度	-31 dB (28.2mV) re 1V at 1Pa
阻抗	100 欧姆
最大输入声压级	126 dB SPL (1kHz于1% THD)
信噪比*	>69 dB (1kHz at 1Pa)
幻象供电	直流 11-52V, 耗电 2mA 典型
重量	1.15 公斤
尺寸	214 mm - 伸至最长, 227 mm - 伸至最高点, 102 mm - 宽
连接线	2米长, 聚乙烯护套电缆
输出接口	3针卡农公头于输出端

\*1 帕 = 10 达因 / 平方厘米 = 10 微巴 = 94 dB SPL  
\*典型, A 计权, 使用 Audio Precision System One  
因产品改进, 本产品会随时改装, 恕不另行通知。

### ■ 指向性



### ■ 频率响应



### ■ 尺寸

