AT881TL/SS Desktop Line-cardioid Condenser Microphone (with Local Switch and LED)

AT SERIES

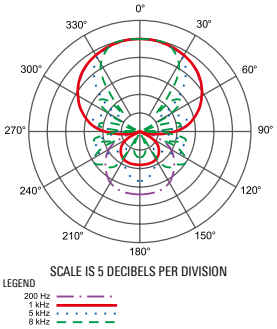
Specifications

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
Switch	Push button control: On/Mute
Weight	1.15 kg
Dimensions	214 mm - long, 227 mm - Max. height, 102 mm - Width
Cable	1 m long, vinyl-jacketed cable
Output connector	3-pin XLRM-type

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.
- A rubber switch with LED allows users to easily mute/un-mute the signal of microphone.
- Integral, phantom-powered, Red LED indicator.
- 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.

polar pattern



Optional Accessories:

AT8201 line matching transformer (Lo-z to 50,000 ohms)

AT8202 adjustable in-line attenuator for use with low-impedance microphones.

AT8506 four-channel 48V phantom power supply (AC powered).

Description

The AT881TL/SS 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.

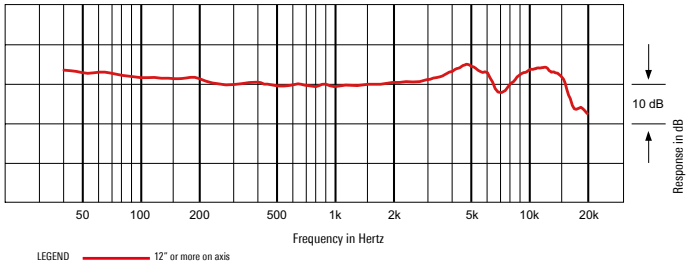
The elements in the microphone is shock mounted. The Line-cardioid polar pattern of the element provides a 90°angle of acceptance. The AT881TL/SS is designed with integral wind-screens to ensure maximum security against wind noise and plosives.

The microphone features a rubber switch that toggles between on/mute, and a LED indicator that displays On status.

The AT881TL/SS is enclosed in a sturdy metal housing with a low-reflectance black finish. Its base is a desk stand that connected with a 1 meter splitter 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.

frequency response



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AT881TL/SS 台式超指向性电容话筒(带本地开关及LED显示灯)

AT SERIES

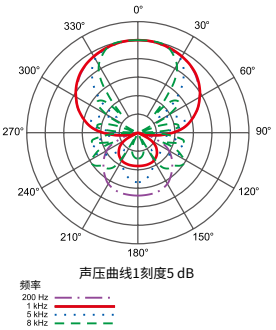
技术指标

收音头	背板静电型电容式
指向特性	超指向性
频率响应	20-20,000 Hz
开通灵敏度	-31 dB (28.2 mV) 以 1V 于 1 Pa
输出阻抗	100 欧姆
最大承受声压	126 dB 声压, 1 kHz 于 1% T.H.D.
信噪比	>69 dB, 1kHz 于 1 Pa
幻象供电	直流 11-52V, 耗电 2 mA 典型
开关	按钮式控制: 开启/静音
重量	1.15 公斤
外形尺寸	214 mm - 长, 227 mm - 伸至最高点, 102 mm - 宽
连接线	1米长，聚乙烯护套立体声电缆
输出连接器	3针卡农公头于输出端

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。**
- **无噪式开关，能经内置开关将话筒设定为静音或正常收音。**
- **整合 LED 状态显示灯，以幻象供电操作，提供红灯显示。**
- **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，可将收音头灵活调校到任何位置，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。**

指向特性



选择配件:

AT8201 话筒线路匹配变压器
(低阻抗至50,000欧姆)。

AT8202 可选式低阻抗话筒
电平衰减器。

AT8506 四通通48V幻象供电器
(交流供电)。

说明

AT881TL/SS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。

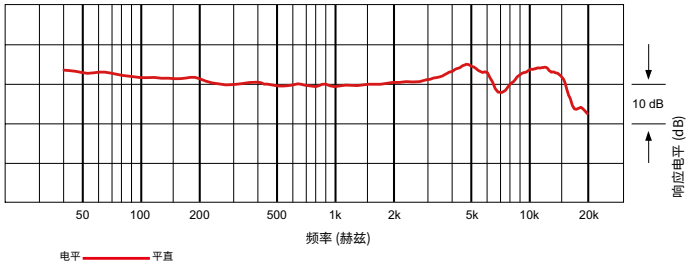
话筒内配置有超指向的收音头，各可以提供90°收音角度，AT881TL/SS设有双网层防风罩，可减低环境噪声及风声。

话筒设有无噪开关，可作为话筒的静音设置开关，并内置LED显示灯，亮起时显示收音状态，。

AT881TL/SS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1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。

频率特性



铁三角