



unipoint



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, professional recording and broadcasting
- UniLine™ polar pattern provides narrow 90° acceptance angle
- Superior off-axis rejection for maximum gain before feedback
- UniGuard™ RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI).
- Easy-to-adjust, rugged, small-diameter, alternating gooseneck with virtually no “memory” permits quick positioning into desired shape
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality
- Self-contained electronics eliminate need for external power module
- Two-stage foam windscreens yields dramatically improved resistance to P-pops and other breath blasts
- Quick-mount design with 3-pin XLRM-type connector insert at base plugs into any standard XLRF-type surface or cable connector
- Optional shock mount attenuates noise, shock and vibration transmitted through the mounting surface

Notes on use

The U857QMU stands 543mm from the table or podium, and require 11V to 52V phantom power for operation.

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.

Safety precaution

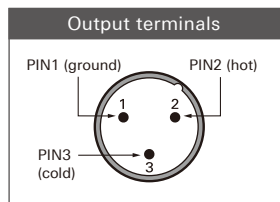
Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

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) compatible with a phantom power supply. The output connector is an XLRM-type with polarity as shown in the figure below.



This product requires 48 V DC phantom power.

Specifications

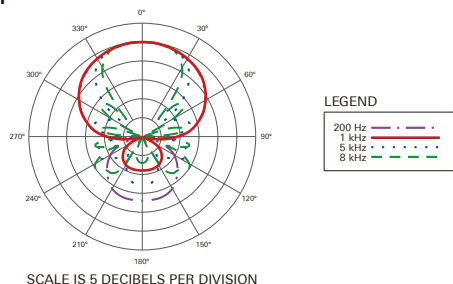
Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Line Cardioid (Unidirectional)
Frequency response	30-20,000 Hz
Low Frequency response	80 Hz, 18 dB/octave
Open circuit sensitivity	-35 dB (17.7 mV) re 1V at 1 Pa
Impedance	250 ohms
Maximum input sound level	135 dB SPL (1 kHz at 1% THD)
Dynamic range (typical)	115 dB (1 kHz at Max SPL)
Signal-to-noise ratio*	74 dB (1 kHz at 1 Pa)
Phantom power requirements	11-52 V DC, 2 mA typical
Switch	Flat, roll-off
Weight	165 g
Dimensions	12.2 mm head diameter, 18.9 mm base diameter, 543.0 mm long
Output connector	Integral 3-pin XLRM-type
Included accessories	AT8154 two-stage foam windscreens

• 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

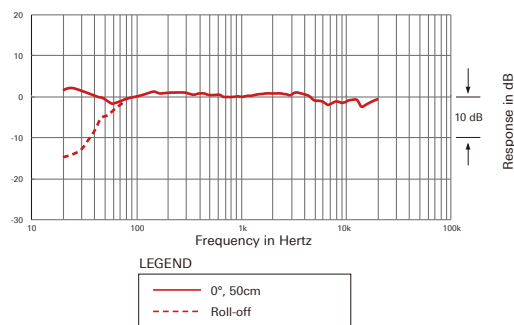
* Typical, A-weighted, using Audio Precision System One.

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

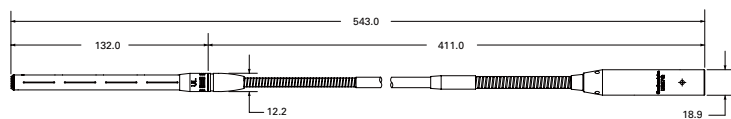
Polar pattern



Frequency response



Dimensions



(Unit: mm)



unipoint



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

- 设计于高质量收音、专业录音、电视广播、会议等高要求的收音应用
- UniLine™ 超指向收音头，提供窄角度90°的收音角度
- 良好的隔音设计，在最大增益时仍能避免啸叫声的出现
- UniGuard™ - 射频干扰(RFI)屏蔽技术，提供杰出的防止射频干扰能力，避免收音时受到如手提电话等的干扰
- 易于调节、耐用、细小、可反覆摆动而没有“记忆”效果的鹅颈弯曲结构，可快速及随意地把话筒收音头固定在合适的位置
- UniSteep® - 高通滤波器，提供了一个高效能的高通滤波，把低频噪声作出衰减而无损话音的收音质量
- 内置话筒前置放大器供电组件，无需使用外置供电模组
- 附有双层式防风海棉罩，可减低在讲话时收到不雅的喷气声及其他风声的情况出现
- 快速安装设计，在话筒接线端为标准的3针卡农公头XLRM，可连接到以任何以3针卡农母头XLR设计的会议话筒座上，亦可在有需要时直接连线到调音台上
- 可选配桌面防震话筒座，把话筒固定安装在桌面或其他板面上，并能减低碰撞平面时产生的敲击声及震动声

使用注意事项

U857QMU 全长为543mm，可安装在桌面或控制板上使用。以直流11V 至52V 幻象供电工作。

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。

安全预防措施

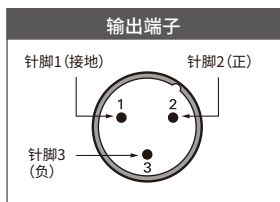
虽然本产品采用安全设计，但使用不当仍可能发生事故。为了确保安全，使用本产品时请注意全部警告和提醒。

本产品注意事项

- 设切勿让本产品遭受强烈冲击，以避免发生故障。
- 屏切勿拆开、改装或尝试维修本产品。
- 独切勿用湿手握持本产品，以免触电或受伤。
- 小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

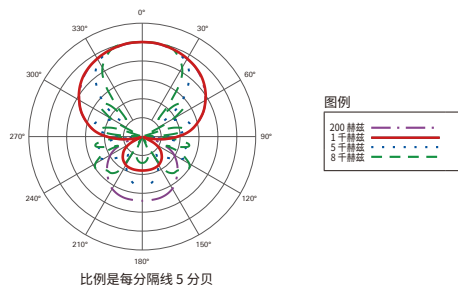
元件	固定充电背板, 永久极化电容体
指向性	超指向性 (单指向性)
频率响应	30-20,000 Hz
高通滤波	80 Hz, 18 dB/octave
开路灵敏度	-35 dB (17.7mV) re 1V at 1Pa
阻抗	250 欧姆
最大输入声压级	135 dB SPL (1kHz 于 1% THD)
动态范围 (典型)	115 dB (1kHz 于最大声压级)
信噪比*	74 dB (1kHz at 1Pa)
幻象供电	直流 11-52V, 2mA 典型
开关	平直, 高通滤波
重量	165克
尺寸	12.2 mm - 收音头直径, 18.9 mm - 底部插头直径 543.0 mm - 长度
输出接口	内置 XLRM-3 针卡农公头
附带配件	AT8154 双层式防风海棉罩

*1 帕 = 10 达因 / 平方厘米 = 10 微巴 = 94 dB SPL

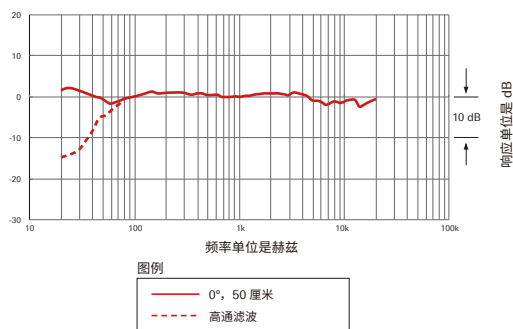
*典型, A 计权, 使用 Audio Precision System One

因产品改进, 本产品会随时改装, 恕不另行通知。

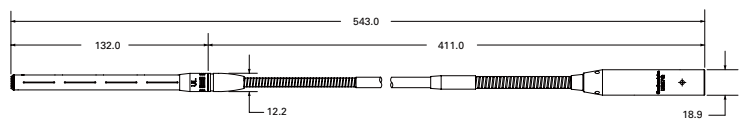
指向性



频率响应



尺寸



(单位: 毫米)

Audio-Technica Corporation
2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan
©2017 Audio-Technica Corporation
全球支持联系: www.at-globalsupport.com