



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 suspension over choirs, instrumental groups and theater stages
- 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).
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality
- Accepts interchangeable elements to permit angle of acceptance from 90° to 360°
- Low-profile design with low-reflectance finish for minimum visibility
- Available in two colors: black (U853RU) and white (U853RWU)

Notes on use

The U857RU require 11V to 52V phantom power for operation. A uniform 90° angle of acceptance provides well-balanced audio pickup over a narrow area.

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

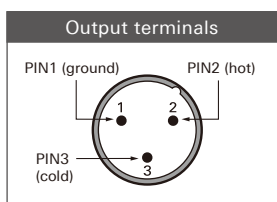
Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

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

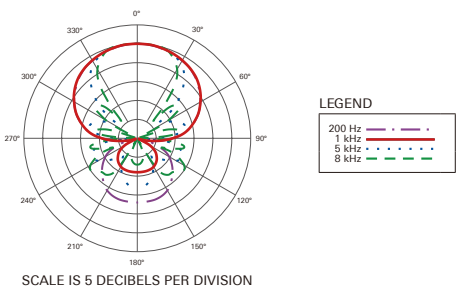
Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Line Cardioid (Unidirectional)
Frequency response	30-20,000 Hz
Low Frequency response	80 Hz, 18 dB/octave
Open circuit sensitivity	-35 dB (17.7 mV) re 1V at 1 Pa
Impedance	250 ohms
Maximum input sound level	135 dB SPL (1 kHz 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	Microphone: 30 g, Power module: 81 g
Dimensions	Microphone: 156.0 mm long, 12.2 mm diameter, Power module: 92.9 mm long, 18.9mm diameter
Output connector (Power module)	Integral 3-pin XLRM-type
Cable	7.6 m long, 3.2 mm diameter, 2-conductor shielded cable, terminated with TA3F-type connector
Optional interchangeable elements	UE-C cardioid (120°) UE-H hypercardioid (100°) UE-O omnidirectional (360°)
Accessories furnished	
U853AU -	AT8154 two-stage foam windscreen; AT8451 steel hanger
U853AWU -	AT8154(WH) two-stage foam windscreen; AT8451(WH) steel hanger
Both -	AT8538 power module, AT8438 5/8"-27 stand adapter

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

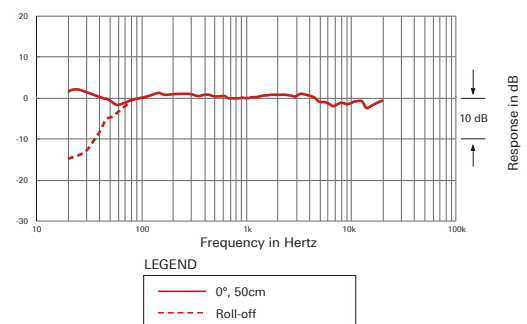
* Typical, A-weighted, using Audio Precision System One.

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

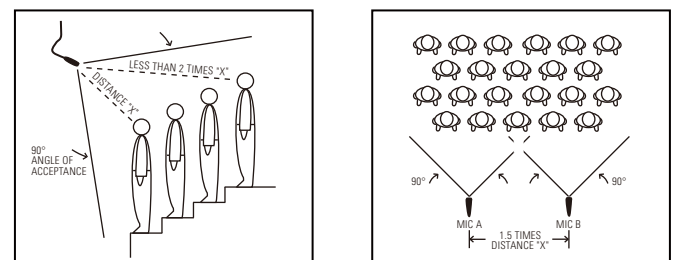
Polar pattern



Frequency response



Positioning





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

- 设计于悬挂式安装，提供高质量收音给合唱、乐团、及舞台话剧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
- 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
- 可选配适合的收音头更换配合实际的应用，收音角度可由90°至360°
- 不显眼的设计，并涂上低反光的颜色涂料
- 设有两种颜色选择: 黑色(U853RU)，及白色(U853RWU)

使用注意事项

U857RU 以直流11V至52V 幻象供电工作。统一的90°收音角度，能在一个狭窄的区域中提供一个良好的平衡收音。

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

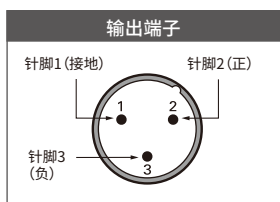
虽然本产品采用安全设计，但使用不当仍可能发生事故。为了确保安全，使用本产品时请注意全部警告和提醒。

本产品注意事项

- 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

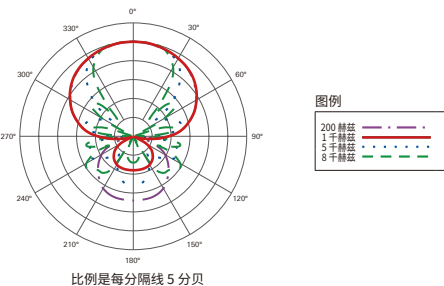
元件	固定充电背板,永久极化电容体
指向性	超指向性 (单指向性)
频率响应	30-20,000 Hz
高通滤波	80 Hz, 18 dB/octave
开路灵敏度	-35 dB (17.7mV) re 1V at 1Pa
阻抗	250 欧姆
最大输入声压级	135 dB SPL (1kHz 于 1% THD)
动态范围(典型)	115 dB (1kHz 于最大声压级)
信噪比*	74 dB (1kHz at 1Pa)
幻象供电	直流 11-52V, 2mA 典型
开关	平直, 高通滤波
重量	话筒: 30 克; 供电模组: 81 克
外形尺寸	话筒: 156.0 mm 长, 12.2 mm 外径 供电模组: 92.9 mm 长, 18.9 mm 外径
输出端子(供电模组)	内置式 3 针卡农公头
连接线	7.6m长(固定装置), 3.2 mm直径连接线, 2芯线连屏蔽电线, 以TA3F插头连接
可转换收音头	UE-C 心形指向 (120°) UE-H 超心形指向 (100°) UE-0 全方向性 (360°)
标准配置	U853AU - AT8154 双层式防风海棉罩; AT8451 悬挂弹簧 U853AWU - AT8154(WH) 双层式防风海棉罩; AT8451(WH) 悬挂弹簧 共同 - AT8538 供电模组, AT8438 5/8"-27 话筒座架

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

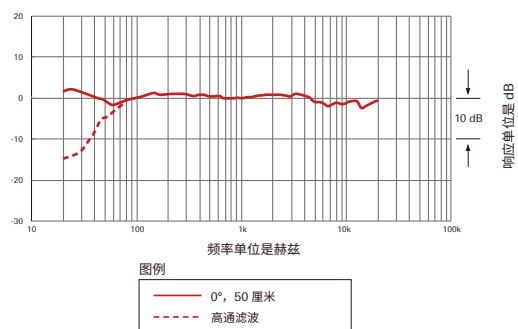
* 典型, A 计权, 使用 Audio Precision System One

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



收音定位

