



GENUINE ACCESSORIES



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

- Flush-mount microphone socket for the AT846C / AT846O or any phantom-powered gooseneck microphone with a 3-pin XLRM-type output and a base diameter no greater than 21 mm
- Mounts unobtrusively in tabletops
- Switch logic output permits control of remote devices from built-in capacitance switch
- Integral, phantom-powered, Green/Red LED indicator ring
- Operates on 24-48V DC phantom power
- 3-pin XLRF-type connector for microphone, 5-pin XLRM-type connector for output
- Lock tab in socket case automatically locks microphone in place, holding it there until tab is manually released by user
- Isolators provide mechanical dampening of mounting-surface vibration
- Low-profile design with low-reflectance black finish for minimum visibility

Description

The AT8657/LED-S flush-mount microphone socket features a capacitive-type touch-sensitive switch, Red/Green LED indicator ring, switch logic output for controlling remote devices and a lock tab to hold microphone in place. The socket is equipped with a three-pin XLRF-type in, and a five-pin XLRM-type output connector.

The AT8657/LED-S requires 24-48V DC phantom power for operation. The electronics in the socket take up to 30 seconds to stabilize after power is applied; during this start-up period, some sonic disturbances may be heard upon switching if the system is "live."

The touch-sensitive switch can be used to trigger an external device.

The lock tab, located in the socket case, automatically engages when microphone is inserted, securely holding it in place until tab is manually released by user.

The output of the socket is a 5-pin XLRM-type connector.

Isolators are included with the unit for mechanical isolation from the mounting surface. A retaining ring is also included for use with gooseneck microphones. The socket is enclosed in a heavy-duty die-cast case. The low-profile housing has a low-reflectance black finish.

Connection procedure

Connect the output terminals of AT8657/LED-S to a device that have a microphone input (balanced input) compatible with a phantom power supply, a switch logic control output and a LED logic input. The input / output connectors are XLRM-type with polarity as shown in the figure below.

Specifications

Output impedance	360 Ohms
Switch logic	High (+5V DC) when pressed; Low (0V DC) when not pressed
I/O voltage	-0.5V to 5.5V
LED input	Red when high (+5V DC), Green when low (0V DC),
Maximum input voltage	-0.5V to 5.5V
Phantom power requirements	24-48V DC, 4 mA typical
Switch	Touch-sensitive control : momentary
Weight	165 g
Dimensions	130.6 mm long, 55.0 mm maximum width
Input connector	3-pin XLRF-type
Output connector	5-pin XLRM-type
Accessories furnished	One pair isolators, one set metal retainer ring

Installation and Operation

The AT8657/LED-S requires 24-48V DC phantom power for operation.

Output is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot" - positive acoustic pressure produces positive voltage at Pin 2. Switch logic output appears between pins 1 and 4. LED logic input appears between pins 1 and 5.

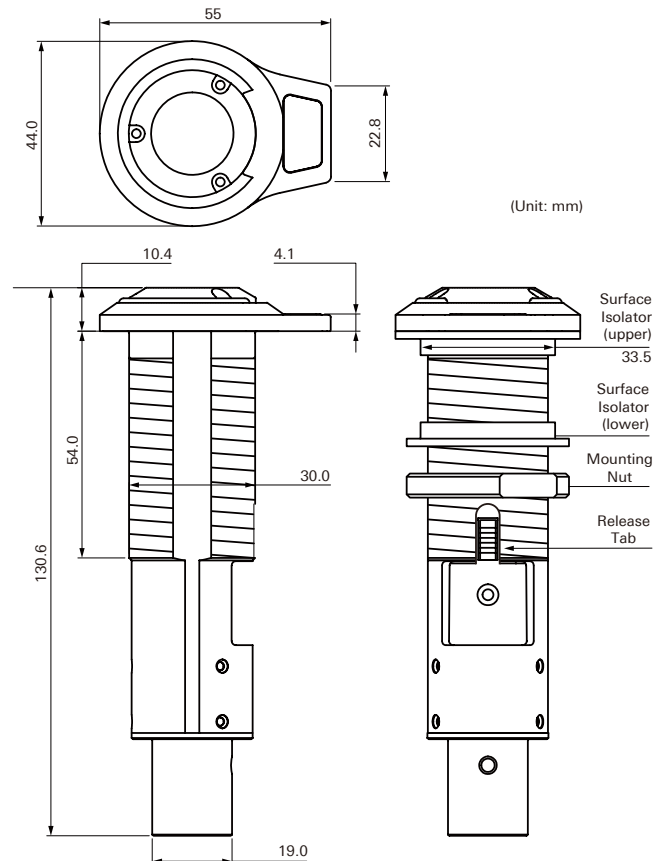
The microphone socket should be installed on a flat, unobstructed mounting surface.

The AT8657/LED-S should be mounted to a tabletop using the included isolators in order to dampen surface vibration. To mount the socket with the isolators, a 35 mm hole is recommended. Place the isolators on either side of the hole to achieve mechanical isolation from the mounting surface.

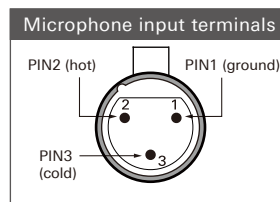
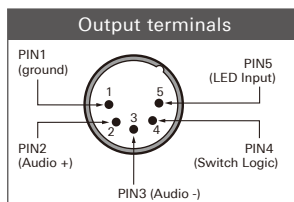
The AT8657/LED-S's capacitive-type touch-sensitive switch allows the user to trigger a function on an external device: Switch logic output is High (+5V DC) when pressed. Low (0V DC) when not pressed.

The LED indicator ring lights red when logic high (+5V DC) and green when logic low (0V DC).

Dimensions



(Unit: mm)





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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

- 嵌入式安装的话筒插座，适用于 AT846C / AT846O 或任何使用3针卡农公头输出的21mm 鹅颈式幻象供电话筒
- 用于桌面上的不显眼安装
- 设有轻触式按钮，能经内置开关作远程设备的逻辑控制
- 整合环型 LED 状态显示灯，以幻象供电操作，提供绿色/红色显示
- 以 24-48V 幻象供电操作
- 以3针卡农母头连接话筒，及5针卡农公头输出
- 插入话筒到位后，能自动锁定话筒，以避免随便被人拿取。只能在用户作手动释放后，方能除下话筒
- 配有防震橡胶隔离环和金属固定环 (配合鹅颈话筒使用)，以减低安装面上的震动噪声
- 不显眼的低剖面设计，表面涂上低反光黑色涂层。

说明

AT8657/LED-S 是一套嵌入式，用于桌面安装设计的话筒插座，具有轻触式开关作外部设备控制，另外整合了一个环型LED状态显示灯，能由外部控制绿色或红色的灯号显示。该插座还具有自动锁定话筒开关，输入端为3针卡农母座；而输出端为5针卡农公头。

插座需要直流24V至48V幻象供电工作，插座中的电子电路在通电后经 30 秒才能稳定；在这初段时期，如果在系统上开关按钮，可能会听些声波的干扰。

轻触式的开关功能，配有一个可编程的电容式轻触开关作远程设备的控制，使用户只需触摸按钮，便可以轻松地控制外部设备。

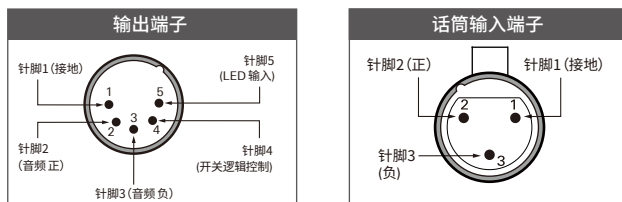
该插座还具有锁定开关，当话筒完全插入时可以自动锁定话筒，以避免被人拿取，只有作出手动释放后，方能除下话筒。

插座输出端为5针XLRM卡农插头。

每个插座都配有一对防震橡胶隔离环和一套金属固定环 (配合鹅颈话筒使用)，以减低安装面上的震动噪声。外壳为金属结构，表面涂上低反光黑色涂层。

连接步骤

将AT8657/LED-S 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，以及把开关逻辑控制输出及LED输入连接到相关设备。输入/输出接口是 XLRM 型接口，其极性如下图所示。



AT8657/LED-S 需使用直流 24-48V 幻象电源。

规格

输出阻抗	360 欧姆
开关逻辑控制	按下时为高电位 (直流+5V)； 无按下时为低电位 (直流0V)
输入/输出电压	-0.5V 至 5.5V
LED 显示灯	高电位 (直流+5V)为红色 / 低电位 (直流0V)为绿色
最高输入电压	-0.5V 至 5.5V
幻象供电	直流 24-48V, 耗电 4 mA 典型
开关	轻触式控制式: 瞬时式
重量	165 克
外形尺寸	长 130.6 mm, 最大宽度 55.0 mm
输入端子	3 针卡农母头
输出端子	5 针卡农公头
标准配置	1对防震绝缘胶；1套金属固定环

安装与操作

AT8657/LED-S 内置的控制电路，需使用直流 24V 至 48V 幻象供电工作。

低阻抗的平衡音频输出，音频信号以卡农公头的2号及3号针脚输出，1号针脚则为地线(屏蔽)连接。输出相位将以正相位电平设于2号针脚上。开关按钮的逻辑输出连接于1号与4号针脚中，LED 输入控制则应用于1号与5号针脚中。

话筒插座应安装在一个平直及无阻碍物的平面上。

AT8657/LED-S 插座应使用附属的防震胶安装于桌面上，以隔离桌面上震动。在与防震胶一起安装时，需要开出直径 35mm 的圆孔，而防震胶需要前后两端同时安装于平面上。

AT8657/LED-S 插座的电容式轻触开关，可容许使用者用于控制外部的其他设备：当按下时，开关逻辑输出为高电位 (直流+5V)；而无按下时，为低电位 (直流0V) 的开关逻辑输出。

LED 显示灯在高电位输入时(直流+5V)为红色；低电位输入时(直流0V)为绿色。

尺寸

