AT8646AM / AT8646QM / AT8647QM/S

GENUINE ACCESSORIES

SHOCK-MOUNT PLATES

DESCRIPTION

These Audio-Technica shock-mount plates effectively isolate mounted microphones from impact vibration and mechanical noise normally transmitted from the surface. They are intended for use with microphones mounted on lecterns, pulpits, conference tables and similar surfaces. Designed especially for gooseneck microphones, they may be used with other lightweight microphones as well.

All three models incorporate a sturdy yet flexible suspension panel which provides the mechanical isolation.

INSTALLATION

AT8646AM/QM
Following the dimensions on the right of this sheet, drill a 50mm clearance hole and four small pilot holes for screws in the mounting surface. A smooth, horizontal (not tilted) surface is preferred for best performance.

AT8646AM mounting/connections: Attach the shock-mount plate to the mounting surface with the included screws. If possible, route the integral mic cable down through the mic's ⅝"-27 threaded collar. Secure the cable to the bottom of the mounting surface near the shock mount, using a cable clamp or similar method. Leave a small "loop" of cable hanging freely below the shock mount. If the cable is pulled snug, it will "bypass" the suspension and reduce its effectiveness.

AT8646QM mounting/connections: Connect a flexible two-wire shielded cable, such as AT8300, to the screw-terminals on the bottom of the AT8646QM, after bringing the cable-end up through the 50mm mounting hole. Note that the terminal order is 1-3-2.

The terminal numbers are on the circuit board and on the terminal strip. Connect the shield to Terminal 1, balanced signal/phantom power to Terminals 2 and 3. Connect the "positive" signal lead to Terminal 2, in accordance with industry convention. Make certain that the screw-terminals are on the bare wire strands, not the insulation, and that there are no bare wires or loose strands that could touch each other.

Once the wiring is complete, carefully position the shock mount on the mounting surface and attach it with the included screws, or with #6 hardware. Secure the mic cable to the bottom of the mounting surface near the shock mount, using a cable clamp or similar device. Leave a small "loop" of cable hanging freely below the shock mount. If the cable is pulled snug, it will "bypass" the suspension and reduce its effectiveness. Securing the cable also helps protect the screw-terminal connections.

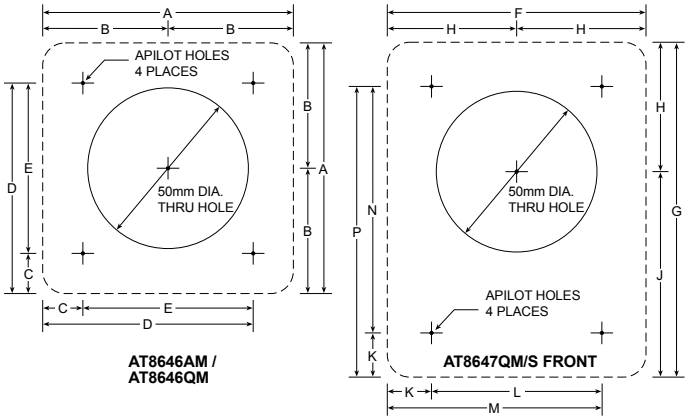
AT8647QM/S
Following the dimensions, drill a 50mm clearance hole and four small pilot holes for screws in the mounting surface. A smooth, horizontal (not tilted) surface is preferred for best performance.

Mounting/connections: The AT8647QM/S installs in exactly the same manner as the AT8646QM. Refer to the "AT8646QM mounting/connections" section above.

Mute switch: The AT8647QM/S features a press-on/press-off switch that controls the microphone, muting it by 50 dB at 1,000 Hz. The circuitry also operates a light in the switch, powered by the 24~48V phantom source, to indicate when the mic is "on." Regardless of the switch position, the actual mic operating voltage will be approximately 10-12V less than the phantom source voltage.

MOUNTING DIMENSIONS

A : 78.0mm B : 39.0mm C : 12.5mm D : 65.5mm E : 53.0mm
F : 80.5mm G : 104.2mm H : 40.3mm J : 63.9mm K : 13.8mm
L : 53.0mm M : 66.8mm N : 76.7mm P : 90.5mm



MECHANICAL SPECIFICATIONS

	AT8646AM	AT8646QM	AT8647QM/S
MIC ATTACHMENT	⅝"-27 threads	XLRF-type,	XLRF-type, Switch with LED
DIMENSIONS			
WIDTH	78 mm	78 mm	80.5 mm
DEPTH	78 mm	78 mm	104 mm
HEIGHT	8.4 mm	8.4 mm	15.5 mm
WEIGHT	58 g	64 g	99 g

AT8647QM/S ELECTRICAL SPECIFICATIONS

PHANTOM POWER REQUIREMENTS	24-48V DC, 3 mA typical
OUTPUT IMPEDANCE	360 ohms
INSERTION LOSS*	1 dB
MUTE ATTENUATION*	55 dB at 1000 Hz 35 dB at 100 Hz 30 dB at 50 Hz

*150 ohm source, 100k ohm load

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FORM No. ATGC-L0071-07-E

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GENUINE ACCESSORIES

桌面式防震话筒座

说明

此鐵三角桌面防震话筒座，设有防震绝缘胶，能有效减低安装面上的撞击震动及机械噪声。此话筒座配合鹅颈式的会议话筒后，非常适合使用在演讲、教学、会议、报导的场合使用。另外，亦可配套其他3针卡农公头的话筒使用。

这三个型号并提供一个悬浮盘设计的机械隔离。

安装

AT8646AM/QM

根剧右方的尺寸资料，在安装平面上开出一个直径 50mm 的通孔，并在指定位置标记出螺丝孔记号，使用直径 1.5mm 的小钻咀，在4个螺丝孔位置上钻下4个导孔。安装在平滑而水平的平面上，会有非常好的表现。

AT8646AM 安装和连接：装上附设的螺丝把话筒座固定在安装平面上。如可以，请把话筒连接线穿过话筒底部的⅝"-27接环，把连接线引到桌底下，并把接线以线夹或其他方式固定好。请在话筒座底部预留一小圈的接线长度，给与鹅颈的活动伸延，如连接线拉得太紧，话筒座的悬浮和防震效能会减低。

AT8646QM 安装和连接：使用两芯的屏敝式话筒连接线 (如 AT8300) 连接到防震话筒座 AT8646QM 底部的 1-3-2 接线螺丝端子，再把连接线穿过 50mm 通孔。

接线螺丝端子的接线号码已标注在电路板上。请把屏敝线连接到接点1位置，而平衡电平信号及幻象供电连接到2和3位置；把正相位电平信号线连接到接点2位置；余下的负相位电平信号线连接到接点3位置。并检查清楚螺丝端子和接线之间有良好的接触和稳固。

接线完成后，小心把话筒座放置在安装平面上，并装上附设的螺丝固定。把连接线引到桌底下，并把接线以线夹或其他方式固定好。请在话筒座底部预留一小圈的接线长度，给与鹅颈的活动伸延，如连接线拉得太紧，话筒座的悬浮和防震效能会减低。再次检查接线没有松脱。

AT8647QM/S

根剧尺寸资料，在安装平面上开出一个直径 50mm 的通孔，并在指定位置标记出螺丝孔记号，使用直径 1.5mm 的小钻咀，在4个螺丝孔位置上钻下4个导孔。安装在平滑而水平的平面上，会有非常好的表现。

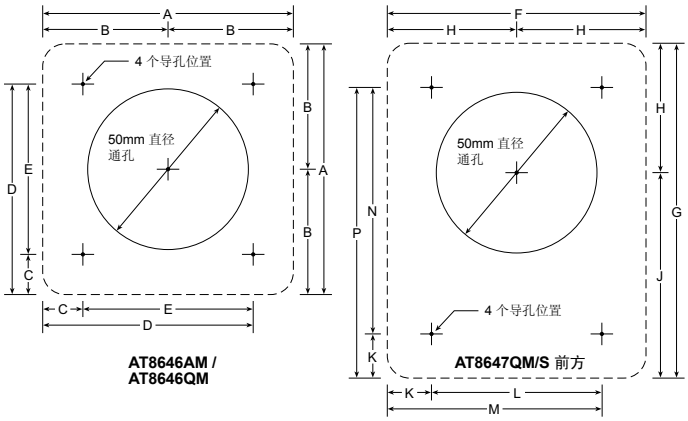
安装和连接：AT8647QM/S 的安装方法和 AT8646QM 相同，请根刻上文的"AT8646QM 安装和连接" 方法安装。

静音开关：AT8647QM/S 设有反复按下开关，可控制话筒收音情况，于1000Hz 时作 55dB 衰减。并设有 24-48V 幻象供电工作的 LED 显示灯，显示话筒开启工作。不管话筒连接位置，话筒实际的工作电压将会减低 10-12V。

底座架尺寸

A : 78.0mm　B : 39.0mm　C : 12.5mm　D : 65.5mm　E : 53.0mm

F : 80.5mm　G : 104.2mm　H : 40.3mm　J : 63.9mm　K : 13.8mm
L : 53.0mm　M : 66.8mm　N : 76.7mm　P : 90.5mm



机械指标

	AT8646AM	AT8646QM	AT8647QM/S
话筒连接端	⅝"-27 接头	XLRF 卡农母头	XLRF 卡农母头，带 LED 开关
外型尺寸			
	宽 78 mm	78 mm	80.5 mm
	深 78 mm	78 mm	104 mm
	高 8.4 mm	8.4 mm	15.5 mm
重量	58 克	64 克	99 克

AT8647QM/S 电气指标

幻象供电	直流 24-48V，耗电 3 mA 典型
输出阻抗	360 欧姆
插入损耗*	1 dB
静音衰减*	55 dB 于 1000 Hz 35 dB 于 100 Hz 30 dB 于 50 Hz

*150 欧姆输入阻抗

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