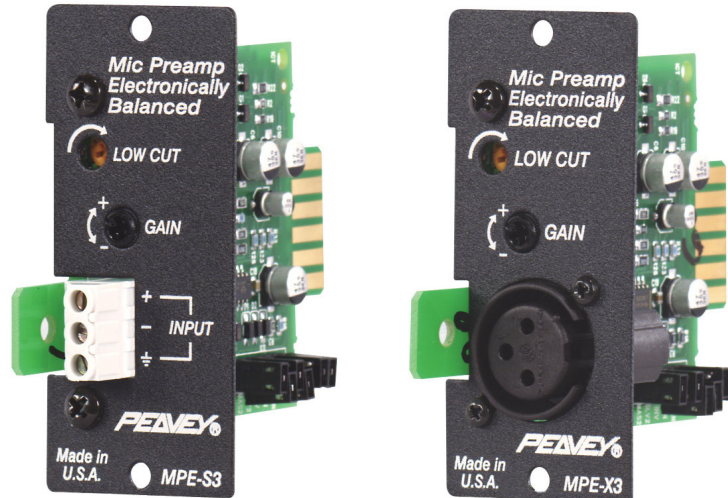


MPE™ S3/X3 MMA™ SERIES MODULE



The MPE-S3/X3 is an electronically balanced microphone pre-amp module for the MMA Series of Peavey Architectural Acoustics mixer/amplifiers. The S3 and X3 have screwdriver-adjustable pre-amp gain and low-cut filter, switchable phantom power, three muting options, and an inverting mute function that mutes the master mic when no signal is present. The S3 has a Phoenix-style connector for permanent installation wiring and the X3 has a female XLR connector. The electronic balancing affords a good Common Mode Rejection Ratio (CMRR) at a low cost for short to medium mic-level cable runs. For extremely long runs, use the MPT Series of transformer-coupled mic pre-amp modules.

Features:

- Modular construction
- Electronically balanced input circuitry
- Screwdriver adjustable pre-amp gain
- Screwdriver adjustable low-cut filter
- Euro style connector - S3
- XLR connector - X3
- Switchable 24VDC phantom power
- Mute master function selectable between two buse buses
- Mute slave function selectable between two mute buses
- Mute slave inversion to mute a master mic with no signal present

Applications:

- Presentation rooms
- Board rooms
- Court rooms
- Auditoriums
- Lecture halls
- Meeting rooms
- Convention centers
- Paging systems

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Audio Specifications:

Frequency response:	20Hz - 20kHz, +0/-1 dB
Total harmonic distortion:	</= 0.05% @ 1kHz
Equivalent input noise (EIN):	</= -128 dBu
Input CMRR:	>60 dB 20Hz - 20kHz
Range of input level for normal out:	Mic input: 0.25 mV to 100 mV; Line input: 2.5 mV to 1 V
Minimum source impedance:	150 Ohms
Input impedance:	2.2 k Ohms

Control Specifications:

Pre-amp gain control:	0 dB to 53 dB (screwdriver adjustable)
Low-cut control:	Adjustable shelving type, low cut filter w/ a corner freq of 125 Hz

Mute Functions:

- Mute master select for mute bus 1 and mute bus 2 (PC board jumper)
- Mute slave select for mute bus 1 and mute bus 2 (PC board jumper)
- Mute master inversion is used to reverse the slave operation of the module

Phantom Power:

Switchable 24 VDC (PC board jumper)

General Specifications:

Dimensions:	3.07" H x 1.38" W x 3.46" D (77.97mm x 35.05mm x 87.88mm)
Net weight:	2.6 oz. (73.71 g.)
Power consumption:	336 mW (14 mA @ 24 VAC) supplied by the MMA Mixer/Amp
Finish:	Black powder coat painted steel on mounting panel

MADE IN THE UNITED STATES



Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005

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Commercial Audio

Features and specifications subject to change without notice.

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