



## IA-4206 6X1 Mic/Line Mixer

easy installation

small footprint

solid performance

The IA-4206 is a six channel in-wall audio mixer. It is designed to be installed into a standard deep four-gang wall box. Each input features selectable impedance to match either a balanced Lo-Z microphone or a balanced line level input. The front panel has level controls for each input, separate bass/treble controls and a master level control. It also provides 24VDC phantom power for microphones.

The mixer chassis is made of .090 aluminum, painted with an off-white epoxy based paint. The front panel is a polycarbonate mylar overlay. It has a removable locking security cover. There is also an option available that replaces the keylock with a thumbblatch.

When you want or need performance, but you don't have the space, you can't find a better solution than the Emtech in-wall series of audio products.

## Specifications:

Rated Output	.....	+4 dBm
Frequency Response	.....	30 Hz to 20 kHz $\pm$ 1 dB
Distortion	.....	less than 0.2%
Input Impedance/ Sensitivity	.....	2 k $\Omega$ / .5 mV (Mic)    30 k $\Omega$ / 100 mV (Line)
Output Impedance	.....	100 ohm
Tone Controls	.....	$\pm$ 8 dB @ 100 Hz (Bass) $\pm$ 8 dB @ 10 kHz (Treble)
Power Requirements	.....	20 - 28 VDC, 60 mA min. 24 VDC , 150 mA (recommended)
Dimensions	.....	.6.0 H X 9.25 W X 2.25 D (in.)
Weight	.....	1.5 lbs. (0.68 kg)

## Architects'/Engineers' Specifications:

The audio mixer shall have six selectable Lo-Z mic /line inputs, separate bass and treble controls, and a master level control. It shall be mountable in a standard four-gang deep masonry box. The chassis of the mixer shall have a removable locking door with either a keylock or thumbblatch. The mixer shall have a rated output of +4 dBm, a frequency response of 30 Hz to 20 kHz  $\pm$  1 dB, and distortion less than 0.2%. The mixer shall be an Emtech Electronics IA-4206.

## Warranty:

Emtech Electronics, Inc. warrants the IA-4206 Mixer for a period of one year, from the original date of purchase, against defects in parts and workmanship. If a defect occurs, the mixer will be repaired or replaced, at our option, free of all charges if delivered prepaid to the factory. Warranty does not extend to finish, appearance, abuse or defects due to the misuse or operation under other than specified conditions, nor does it extend to incidental or consequential damages. Repair by anyone other than Emtech will void the warranty.

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