



Stereo Mixer/Pre-Amplifier

PP-9214

Features

- Eight Mono Inputs and Two Stereo Inputs
- Two Priority Inputs
- Rec Out
- Three-Band Tone Control for Output Section
- Output Select Switch for Each Input
- +4dB/-10dB/-20dB Att for Stereo Input
- Mute Switch for Input Channel One
- +20V Phantom Power
- 100-120/220-240VAC or 24VDC
- 3.5" Rack Mount (2RU)



Description

The PP-9214 is a versatile, high-performance mixer/pre-amplifier for application as a standalone mixer, or an add-on to an existing PA system. Features include eight mono inputs (one mic, seven mic/line) fader controlled output, record out, and LED output level meters. All inputs have trim control and phantom power for the use of condenser microphones. The unit also has two stereo inputs for the connection of line level signals from -20dB to +4 dB, and three band shelving EQ on each output.

Two priority inputs are provided for the connection of external signal devices such as pre-announce for paging or tones for scheduled or emergency notification. These inputs override all other inputs with muting, except mic1 which has switch-selectable muting for override of all other sources excluding the two priority inputs. Mono input connections are XLR balanced for mic and 1/4" TRS (normalizing) for line level. Stereo inputs are via dual RCA jacks and 1/4" TRS jacks.

The PP-9214 can be powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and/or 24VDC enabling its use as part of a portable PA system, or connection to a standby power supply for emergency operation. The unit is packaged in a low profile 3.5" high (2RU) rack mount enclosure.

Technical Specifications

ELECTRICAL		PP-9214
Input Sensitivity/ Impedance	MIC CH1 - CH8	-60dB/600Ω Balanced
	Line CH2 - CH8	-30dB/10kΩ Balanced
	CH9 - CH12	+4dB, -10dB, -20dB/10kΩ Unbalanced
	Priority In	0dB/10kΩ
Output/ Impedance	CH1, CH2	+4dB/600Ω Balanced
	Rec Out	-10dB/10kΩ
	Insert	0dB/10kΩ
Frequency Response		20Hz - 20kHz (+1/3dB)
THD		<0.5%
Residual Noise	All Faders Min	90dB
	All Inputs Min, Master Fader Max	70dB
Cross Talk	Input to Output	70dB
	Adjacent	70dB
GENERAL		
Power Source - AC		100-120VAC or 220-240VAC 50/60Hz
Power Source - DC		24VDC Auto-Switching
Power Consumption		9.8W
Weight	34.3lbs.	
	12.8kg	
Dimensions (W x H x D)		19" x 3.5" x 11"
		482mm x 88mm x 280mm

PP-9214 Architects and Engineers Specifications

The two-zone mixer/pre-amplifier shall include eight mono inputs (one mic, seven mic/line), fader controlled outputs; record out; and an LED output level meter. All inputs shall have trim control and phantom power for the use of condenser microphones. The unit shall also have two stereo inputs for the connection of line level signals from -20dB up to +4dB, and three-band shelving EQ on each output. Two priority inputs shall be provided for the connection of external signal devices such as pre-announce for paging or timed tones for scheduled or emergency notification.

These inputs shall override all other inputs with muting, except mic1 which has switch-selectable muting for override of all other sources excluding the two priority inputs. Mono input connections shall be XLR balanced for mic and 1/4" TRS (normalizing) for line level. Stereo inputs shall be via dual RCA jacks and 1/4" TRS jacks.

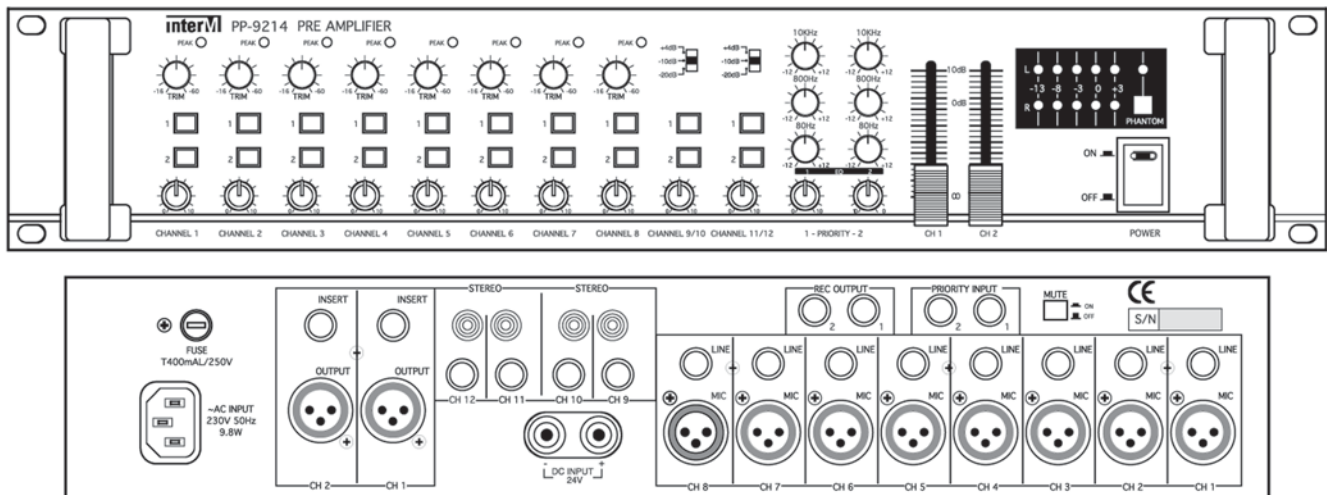
The stereo mixer/pre-amplifier shall meet the following performance criteria:

Frequency response shall be 20Hz to 20kHz (± 3 dB); signal-to-noise ratio shall exceed 90dB; and total harmonic distortion shall be less than 0.05%.

The stereo mixer/pre-amplifier shall measure 19"(482mm) wide x 3.5"(88mm) high x 11"(280mm) deep, and shall mount in a standard 19" rack. The PP-9214 shall be powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and/or 24VDC, enabling its use as part of a portable PA system or connection to a standby power supply for emergency operation.

The two-zone mixer/pre-amplifier shall be an Inter-M model PP-9214.

PP-9214 Front and Rear Views



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