

## Features

- Nine Mono Inputs, Three Stereo Inputs, Two Aux Inputs, One Main Out and Two Sub Outputs
- Two Priority Inputs
- Three-Band Tone Control for Each Channel
- Rec Out
- Four-Band EQ for Master Output
- 18V Phantom Power
- 100-120/220-240VAC or 24VDC
- Rack Mount (2RU)



## Description

The PP-9213 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 nine mono mic/line inputs, single fader controlled output, record out, and LED output level meter. All inputs have trim control and inputs 1 and 2 have phantom power for the use of condenser microphones. The unit also has three stereo inputs for the connection of line level signals from -30dB to +4 dB, and three band 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. Mono input connections are XLR balanced for mic and 1/4" TRS (normalizing) for line level. Stereo inputs are via 1/4" TRS jacks.

The PP-9213 can be powered by 100-120VAC or 220-240VAC 50/60Hz 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 rack mount enclosure.

## Technical Specifications

ELECTRICAL		PP-9213
Rated Output /Impedance	Master Out/Sub Out	+4dBm/600Ω, BAL
	REC Out	-10dBV/10kΩ, UNBAL
	Insert	0dB/10kΩ
Input Sensitivity /Impedance	Mic(1~9 CH)	-60dB/600Ω, BAL
	Line(1~9 CH)	-30dB/10kΩ, BAL
	Priority In	0dB/10kΩ, UNBAL
	Aux In	-10dB/20kΩ, UNBAL
Frequency Response		20Hz - 20kHz
THD		0.50%
Residual Noise		-70dB
Crosstalk		70dB
Audio Output Level		Variable 0.2 - 2.0V
<b>GENERAL</b>		
Power Source - AC		100-120VAC or 220-240VAC 50/60Hz
Power Source - DC		24VDC Auto-Switching
Power Consumption		10W
Weight		13.4lbs.
		5kg
Dimensions (W x H x D)		19" x 3.5" x 11"
		482mm x 88mm x 280mm

## PP-9213 Architects and Engineers Specifications

The mixer/pre-amplifier shall include nine mono mic/line inputs, single fader controlled output; record out; and LED output level meter. All inputs shall have trim control and inputs 1 and 2 shall have phantom power for the use of electric condenser-type microphones. The unit shall also have two stereo inputs for the connection of line level signals from -30dB up to +4dB, and three-band shelving EQ on each output.

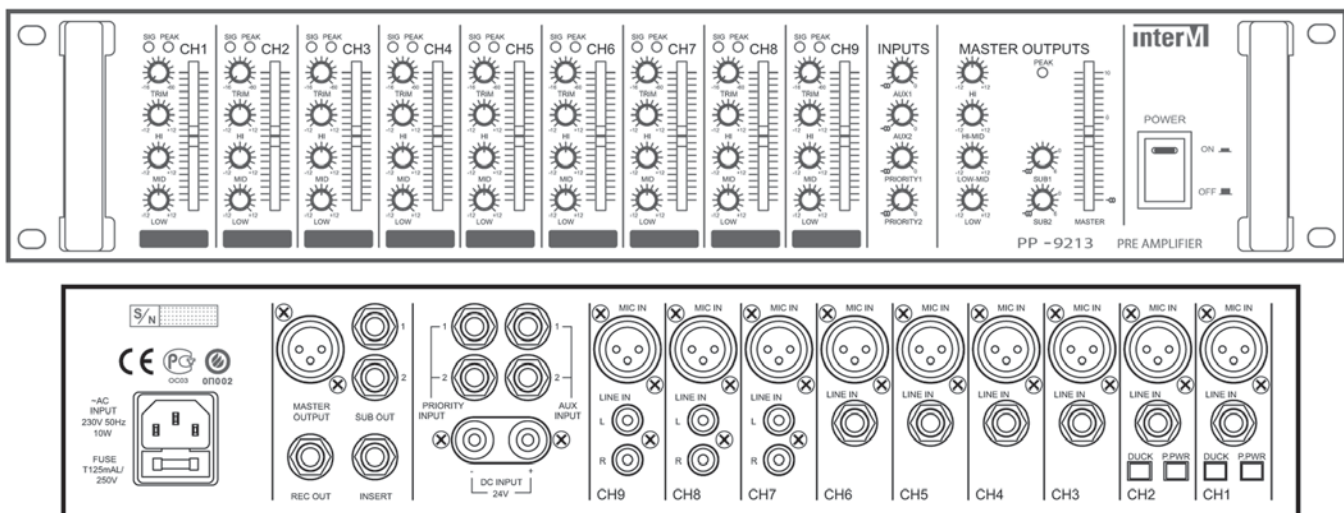
Two priority inputs shall be provided for the connection of external signal devices such as pre-announce of page or timed tones for prescheduled or emergency notification. Mono input connections shall be XLR balanced for mic and 1/4" TRS (normalizing) for line level. Stereo inputs shall be via dual 1/4" TS jacks parallel to each other.

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

Frequency response shall be 20Hz to 20kHz ( $\pm 3$  dB) and total harmonic distortion shall be less than 0.5%. The 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-9213 shall be powered by 100-120VAC or 220-240VAC 50/60Hz and/or 24VDC, enabling its use as part of a portable PA system or connection to a standby power supply for emergency operation.

The mixer/pre-amplifier shall be an Inter-M model PP-9213.

## PP-9213 Front and Rear Views



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