

Features

- **8 Inputs Including:**
 - Three Low Impedance Bal. Mic Inputs
 - Cassette, Tuner and Auxiliary Inputs
 - One CD Input & One Chime Input
 - One Balanced Outboard Mixer Input
- Mic Three is a 1/4" TRS Connector
- CD Inputs RCA-Type
- Bass and Treble Tone Controls
- Separate Balanced XLR Line :
Output and Record Output (Pre master)
- AC Mains or 24V DC Powered
- Rack Mount (1RU)



Description

The PR-5281 is a versatile, high-performance mono mixer/pre-amplifier suited for installation in commercial and professional PA applications. It may be used as a standalone mixer or as an add-on to expand current mixing inputs. Features include 8 inputs, line and pre master recording outputs, input gain controls and bass/treble tone controls. The microphone inputs and line output are electronically balanced. Four input channels provide muting of other active channels for priority paging, chime or other important program material. Individual LEDs indicate the presence of signal on the 8 main input channels, as well as the master channel. The PR-5281 may be powered by 100-120VAC or 220-240VAC 50/60Hz or 24 VDC supply (for emergency operation). The unit is packaged in a low-profile 1.75" high (1RU) rack-mount enclosure.

Technical Specifications

ELECTRICAL		PR-5281
Frequency Response		80Hz – 15KHz
T.H.D (at 1KHz, Rated Output)		Less than 0.08%
Tone Control		Bass: ± 12dB at 100Hz Treble: ± 12dB at 11KHz
Input Sensitivity /Impedance	Mic 1-3	1mv / 600Ω Balanced
	CD	1.2V / 47KΩ Un Balanced Dual RCA
	Deck	200mV / 50KΩ Un Balanced, 1/4" Phone
	Tuner/ Aux	200mV / 50KΩ Un Balanced 1/4" Phone
	Chime	200mV / 50KΩ Un Balanced
Output / Impedance		1.2V / 600Ω Balanced
GENERAL		
Power Consumption		3W
Power Source		110-240V AC 50/60Hz 24VDC
Weight (kg/lbs)		3.5/7.7
Dimensions mm		482 x 44 x 280 mm
(W x H x D) inch		19 x 1.75 x 11

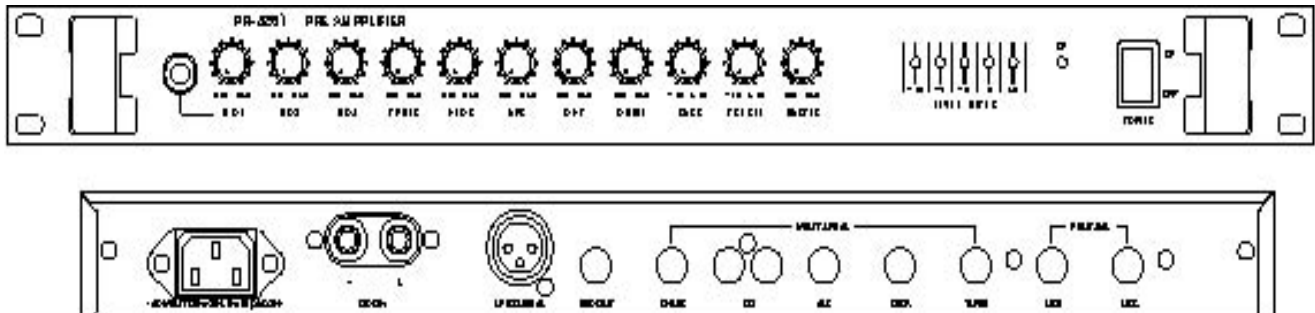
PR-5281 Architects and Engineers Specifications

The mono mixer/pre-amplifier shall have 8 inputs, each with individual gain controls. Inputs 1 through 3 shall be for low impedance microphones, and shall be balanced. Input 4 shall be RIAA-equalized for a magnetic phono cartridge. Input 4 shall be for a CD player source. Inputs 5 and 6 shall accept monaural or stereo sources, and stereo sources shall be resistively mixed to monaural. Inputs 5 and 6 shall be for line-level unbalanced sources and are labeled auxiliary, deck and tuner, respectively. Input 7 shall be for an outboard mixer source and Input 8 shall be for a chime generator source. A master gain control shall regulate the overall level.

Separate bass and treble tone controls shall be provided. Individual LEDs shall indicate signal presence at inputs 1 through 6, as well as the master output. Two independent outputs shall be provided: a balanced line-level output and an unbalanced record output (this output shall be unaffected by the tone and master gain controls). The mono mixer / pre-amplifier shall meet the following performance criteria : Frequency response shall be from 80Hz to 15kHz ± 3 dB; total harmonic distortion shall be less than 0.1% at 1kHz; and signal-to-noise ratio shall exceed 50dB.

Input sensitivity and impedance shall be 1 mV@600 Ω for Inputs 1 through 3, 1.2V@ 47k Ω for Input 4, 200mV@50k Ω for Input 5, 6, 7 and 8. The mono mixer/pre-amplifier shall measure 19"(483mm) wide x 1.75" (44mm) high x 11"(280mm) deep, and shall mount in a standard 19" rack. The power source shall be 100-120VAC or 220-240VAC 50/60Hz and or 24VDC. The power shall be controlled from a front-panel mounted push-on / push-off switch with an integral power LED. The mono mixer/pre-amplifier shall be an KODIO model PR-5281.

Front and Rear Views



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