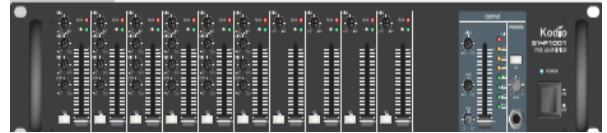


Features

- 6 Channels MIC input with XLR jack
- 10 Channels LINE input with 1/4" phone jack
- 4 Channels LINE input with RCA jack
- 3 Band EQ control on every MIC channels
- Acceptable wide range input level with trim pot
- 3 Band EQ control on every output channels
- 18V phantom power (Mic CH 1-2)
- Useful ducking function on the MIC channel 1 and 2
- 2 Insert channels allow connecting external effector
- Main output, sub output and record output
- 100-120/220-240VAC or 24VDC
- Rack Mount (2RU)



Description

The SY-P 1001 is a versatile, high-performance audio mixer for application as a standalone mixer, or an add on to an existing PA system.

Features include ten mono mic/line inputs, two 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. 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 SY-P 1001 can be powered by 110-240VAC 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	SY-P 1001	
Rated Output Voltage	Balanced Master Output	0dBm
	Unbalanced Sub Output	0dBm
	Unbalanced Rec output	-10dBm
Input sensitivity for rated output at maximum gain	Balanced Microphone ch	-60dBm
	Balanced Line 1-6 ch	-30dBm
	Unbalanced Line 7-10 ch	-30dBm
	Unbalanced Priority	0dBm
	Insert	0dBm
Total Harmonic Distortion(T.H.D) at 1KHz Rated output	Mic in to Master Output	Less than 0.2%
	Line in to Master Output	
	Mic in to Sub Output	
	Mic in to Rec Output	
Frequency Response	Rated Output	±3dB
	20Hz~20KHz	
Input Channel EQ	HIGH (12.5KHz)	±12dB
	MID(2.5KHz)	±12dB
	LOW(80Hz)	±12dB
Output Channel EQ	HIGH (12.5KHz)	±12dB
	LOW(80Hz)	±12dB
Residual Noise		less than -90dB
Crosstalk	At 1KHz	less than -70dB
Phantom Power (balanced)		+18V DC
General	Power Source	AC 100~120V/50~60Hz
		AC 220~240V/50~60Hz
		DC 24 V
	power Consumption	16Watts
	Weight	5.3 kg
Dimensions	482(W)x325(D)x88(H)	

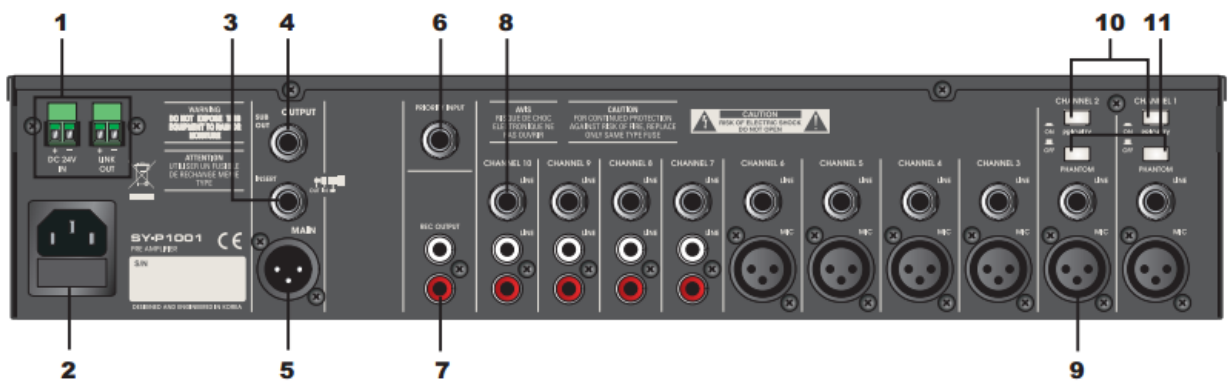
SY-P1001 Architects and Engineers Specifications

The audio mixer shall include 10 mono mic/line inputs, double 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.

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 audio mixer shall meet the following performance criteria : Frequency response shall be 20Hz to 20kHz (± 3 dB) and total harmonic distortion shall be less than 0.2%. The mixer/pre-amplifier shall measure 19"(482mm) wide x 3.5"(88mm) high x 12.8" (325mm) deep, and shall mount in a standard 19" rack. The SY-P1001 shall be powered by 110-240VAC 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.

Rear Views



1	DC 24V INPUT AND LINK OUTPUT	7	RECORD OUTPUT
2	AC INLET	8	LINE INPUTS
3	CHANNEL INSERT	9	MICROPHONE INPUTS
4	SUB OUTPUT	10	PRIORITY SWITCHES
5	MAIN OUTPUT	11	PHANTOM POWER SWITCHES
6	PRIORITY INPUT		