

SAMI-402

ANALOGUE PREAMPLIFIERS & MIXERS

Installation Mixers



PRODUCT OVERVIEW

SAMI-402 is an installation audio mixer in standard rack format, featuring 3 MIC/LINE Stereo inputs, 1 LINE Stereo input, 1 main mix output and one AUX/REC additional output. It includes a 3 band tone control section, Talkover (priority) function assignable to each MIC/LINE input over the mix bus, ST/MONO mix switch and MUTE port for external dry contact triggering.

KEYFEATURES

- 4 input channels, 2 outputs 19" installation mixer .
- 3 MIC/LINE stereo inputs .
- 1 LINE stereo input.
- 1 main mix output and one AUX/REC additional output
- 3 band tone control section .
- Talkover (priority) function assignable from each MIC/LINE input over the mix.
- Micro sensitivity level can be adjusted on the back panel.
- +18V Phantom Power available for all MIC inputs .
- MUTE remote control input enabled by external dry contact closure for connecting fire detection systems and other safety devices.
- Universal external power supply (multi -plug)

APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Sport & Wellness

TECHNICAL SPECIFICATIONS
SAMI-402

ANALOGUE AUDIO INPUT PORTS	
Number of input ports	3, MIC/LINE 1, LINE
Connection type	MIC: 3-pin Euroblock LINE: RCA
Input sensitivity	LINE 1-3: 0dB LINE 4: 0dB/-6dB (internally selectable) MIC 1-3 BAL: -35dB
Input sensitivity adjust	MIC/LINE: ± 15 dB
Input impedance	LINE 1-3: 50k Ω LINE 4: 50k Ω MIC 1-3 BAL: >1k Ω
CMRR	MIC: >60dB @ 1 kHz
Phantom voltage	+18VDC
ANALOGUE AUDIO OUTPUT PORTS	
Number of output ports	1 main mix output 1 AUX/REC output
Connection type	Main: 3-pin Euroblock AUX/REC: RCA
Output type	1 STEREO/2 MONO main mix output 1 STEREO AUX/REC
Nominal output level	OUT: 0dB/+6dB (internally selectable) AUX/REC: 0dB/+6dB (follows MAIN OUT, when AUX OUT=POST)
Output impedance	OUT: 600 Ω AUX/REC: 10k Ω
SIGNAL	
Frequency response	LINE: 10Hz-50kHz -1dB MIC BAL: 10Hz-30kHz -1dB
THD + Noise	LINE: <0.005% MIC BAL: <0.04%
Signal noise ratio	LINE: >100dB MIC BAL: >85dB
DEVICE CONTROL	
Tone Control	3-way tone control
Tone Frequency Cut	BASS: 100Hz ± 15 dB MID: 2kHz ± 15 dB TREBLE: 10kHz ± 15 dB
Talkover	TIME: 2 seconds EFFECT: 30dB
Control Buttons	Power ON, Talkover, LINE/MIC, L+R (output), Gain knob, Volume knob
Status Indicators	Power ON LED, MUTE LED, Vumeter LEVELLEDs
REMOTE CONTROL CONNECTIONS	
GPIOs	MUTE control port NO/NC

ELECTRICAL

Power supply	±17.5VDC External PSU
AC mains requirement	100-240 V @ 50-60Hz (External PSU: 17.5VDC)
AC mains connector	IEC inlet connector
Power consumption	10.8VA / 4.5W
Cooling	Passive

PHYSICAL

Operating temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Operating humidity	<85% HR
Storage temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Storage humidity	<90% HR
Installation options	19" rack format (1RU)
Included accessories	±17.5VDC multi -plug PSU, EuroBlocks, Rubber Foot, Mini Jumpers
Dimensions (WxHxD)	482.5 x 44 x 153.7 mm / 19 x 1.73 x 6.05 in
Weight	1.75 kg / 3.86 lb
Shipping dimensions (WxHxD)	560 x 60 x 295 mm / 22.05 x 2.36 x 11.61 in
Shipping weight	2.45 kg / 5.40 lb

MECHANICAL DIAGRAM

