

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.

KEY FEATURES

- 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, Vu-meter LEVEL LEDs
REMOTE CONTROL CONNECTIONS	
GPIs	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

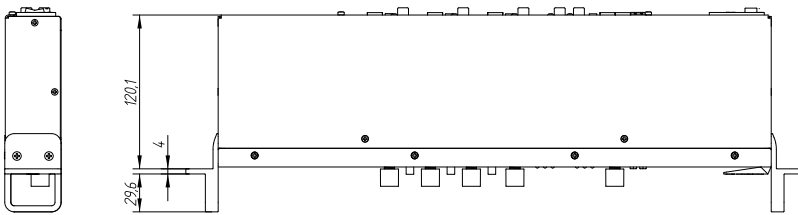
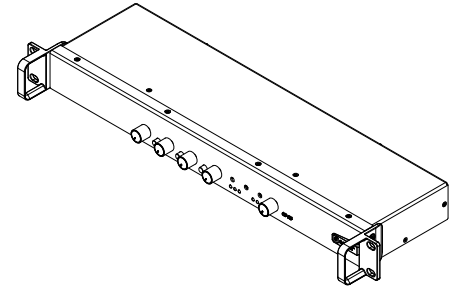
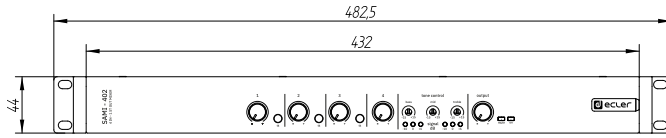
PHYSICAL

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



Ecler SAMI-402 Mechanical Diagram



All the measurements are in mm

6I-1136-0100

www.ecler.com



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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