

SAM612T

ANALOGUE PREAMPLIFIERS & MIXERS

Installation Analogue Mixer



PRODUCT OVERVIEW

ECLER SAM612T is an installation audio mixer in standard rack format, featuring 6 MIC/LINE ST inputs + 1 ST MIX input and 1 ST MAIN output + 1 ST REC output. Each input has a dedicated 3-band tone control, a feature which is fundamental to get a perfect microphone mix in an installation. Input 1 includes talkover (priority) function over the mix bus and additional front panel jack connector. Main output ST/MONO mode switch and MUTE port for external dry contact triggering.

KEY FEATURES

- 6 input channels, 2 main outputs 19" installation mixer
- Micro sensitivity level can be adjusted on the back panel
- +18V Phantom Power available in all "MIC" inputs
- Direct micro input on front panel, channel 1
- Includes a talkover assigned to "INPUT 1" with internal release time adjustment
- Three-band tone controls for each channel, accessible with a screwdriver
- Vu-meter for the mix signal
- Two internally adjustable output levels
- Recording output
- Direct access to the mixing bus allowing you to connect another mixer and increase the number of inputs
- Remote MUTE control affecting all inputs for connecting fire detection systems other safety devices. Internally programmable "NO / NC" (normally open, normally closed)
- Mono/stereo switch
- Universal external power supply (multi-plug)

APPLICATIONS

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

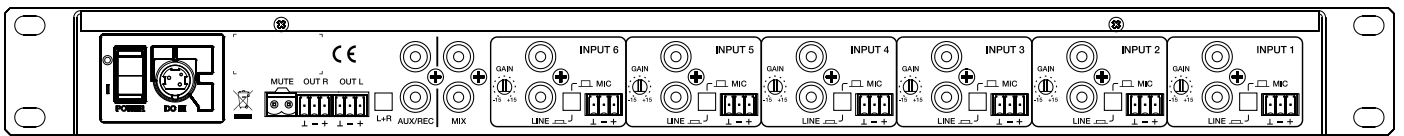
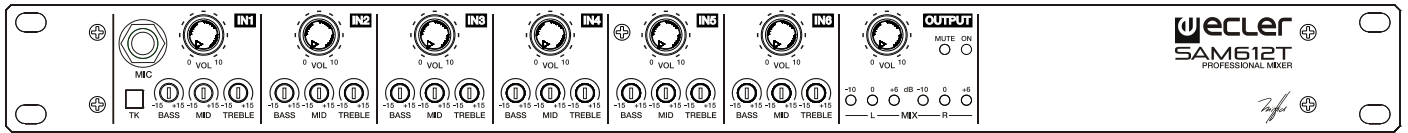
TECHNICAL SPECIFICATIONS

SAM612T

Inputs Sensitivity nom(*)/Impedance	
IN 1-6 (LINE)	0dBV/50k Ω
MIX (LINE)	0dBV/10k Ω
IN 1-6 (MIC BAL)	-35dBV/>1k Ω
Input sensitivity adjust	
IN 1-6 (MIC/LINE)	\pm 15dB
Outputs Level/Minimum load	
OUT	0(+6)dBV*/600 Ω
REC	0dBV/10k Ω
Frequency response	
LINE	10Hz-50kHz -1dB
MIC BAL	10Hz-30kHz -1dB
Harmonic distortion	
LINE	<0.005%
MIC BAL	<0.04%
CMRR	
MIC	>60dB@1kHz
Signal/Noise ratio	
LINE	>100dB
MIC BAL	>85dB
Input Tone control	
BASS	100Hz \pm 15dB
MID	2kHz \pm 15dB
TREBLE	10kHz \pm 15dB
Talkover	
TIME	2 seconds
EFFECT	-30 dB
Phantom voltage	
+18VDC	
DC supply	
\pm 17,5 VDC	
Mains	
100-240VAC + External PSU 17,5VDC	
Power consumption	
18VA	
Dimensions	
Panel	482.6x44mm
Depth	120mm
Weight	
2.0kg	

*internally selectable

MECHANICAL DIAGRAM



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

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