

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

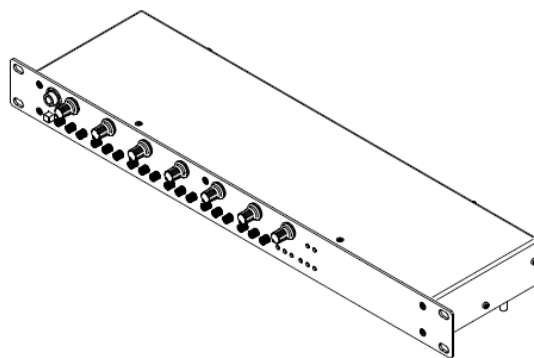
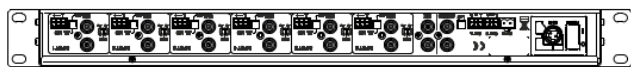
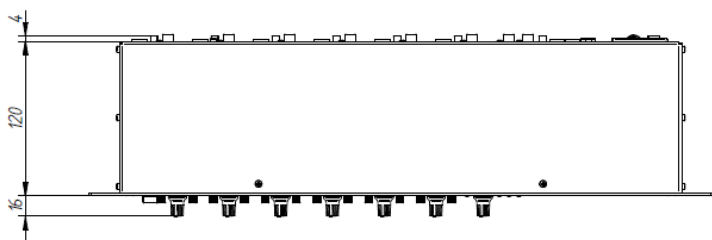
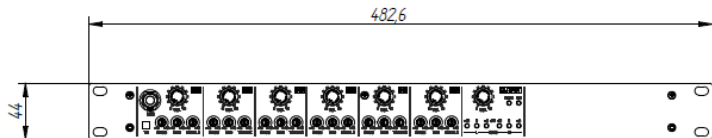
Inputs Sensitivity nom(*)/Impedance	
IN 1-6 (LINE)	0dBV/50k Ω
MIX (LINE)	0dBV/10k Ω
IN 1-6 (MIC BAL)	-35dBV/>1k Ω
Input sensitivity adjust	
IN 1-6 (MIC/LINE)	\pm 15dB
Outputs Level/Minimum load	
OUT	0(+6)dBV*/600 Ω
REC	0dBV/10k Ω
Frequency response	
LINE	10Hz-50kHz -1dB
MIC BAL	10Hz-30kHz -1dB
Harmonic 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



Ecler SAM612T Mechanical Diagram



All the measurements are in mm

61-1017-0100

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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