

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.
- 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

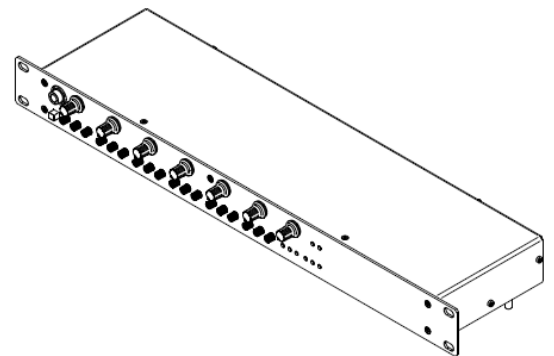
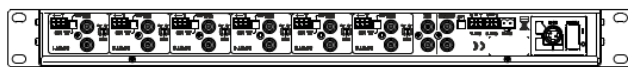
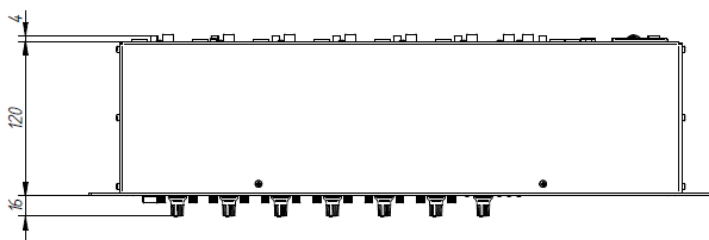
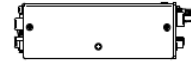
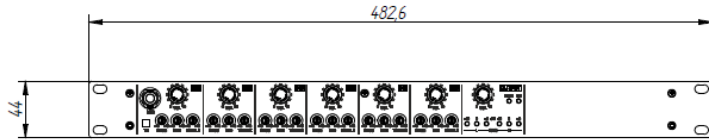
Inputs Sensitivity nom(*)/Impedance		
IN 1-6 (LINE)		0dBV/50k Ω
MIX (LINE)		0dBV/10k Ω
IN 1-6 (MIC BAL)		-35dBV/>1k Ω
Input sensitivity adjust		
IN 1-6 (MIC/LINE)		\pm 15dB
Outputs Level/Minimum load		
OUT		0(+6)dBV*/600 Ω
REC		0dBV/10k Ω
Frequency response		
LINE		10Hz-50kHz -1dB
MIC BAL		10Hz-30kHz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