

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

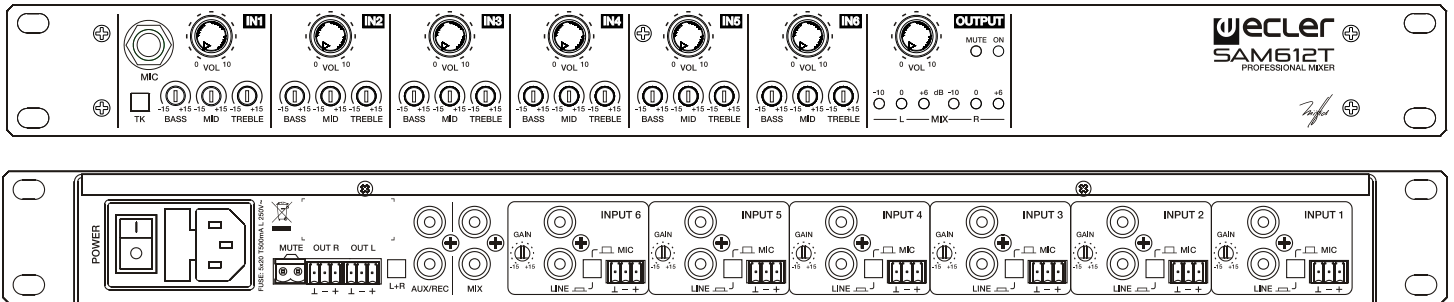
APPLICATIONS

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

CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

Inputs Sensitivity nom(*)/Impedance	IN 1-6 (LINE)	0dBV/50kΩ
	MIX (LINE)	0dBV/10kΩ
	IN 1-6 (MIC BAL)	-35dBV/>1kΩ
Input sensitivity adjust	IN 1-6 (MIC/LINE)	±15dB
Outputs Level/Minimum load	OUT	0(+6)dBV*/600Ω
	REC	0dBV/10kΩ
Frequency response	LINE	10Hz-50kHz -1dB
	MIC BAL	10Hz-30kHz -1dB
Harmonic distortion	LINE	<0.005%
	MIC BAL	<0.04%
Signal/Noise ratio	CMRR	>60dB@1kHz
	LINE	>100dB
	MIC BAL	>85dB
Tone control	BASS	100Hz ±15dB
	MID	2kHz ±15dB
	TREBLE	10kHz ±15dB
Talkover	TIME	2 seconds
	EFFECT	-30 dB
Phantom voltage		+18VDC
Mains		90-264VCA 47-63Hz
Dimensions	Panel	482.6x44mm
	Depth	120mm
Weight		2.0kg