

eSAM603

ANALOGUE PREAMPLIFIERS & MIXERS

Installation Analogue Mixer



PRODUCT OVERVIEW

ECLER ESSENTIALS eSAM603 is an installation audio mixer in standard rack format, featuring 1 MIC input, 4 MIC/LINE ST inputs, 1 LINE ST input, 1 ST output (A/B) and 1 MONO output (C). A/B output can operate in ST/MONO mode. Each input can be routed to output A, B and/or C. It includes a 3 band tone control section, Talkover (priority) function assignable to each input over the mix bus, ST/MONO mix switch for A/B output and MUTE port for external dry contact triggering.

KEY FEATURES

- 6 input channels, 2/3 outputs 19" installation mixer
- 1 MIC input
- 4 MIC/LINE ST inputs
- 1 LINE ST input
- 1 ST/2 MONO main mix output and one MONO output
- 2 x 3-band tone control section (A/B and C)
- Talkover (priority) function assignable from each input over the mix
- Micro sensitivity level can be adjusted on the back panel
- 18V Phantom Power available for all MIC inputs

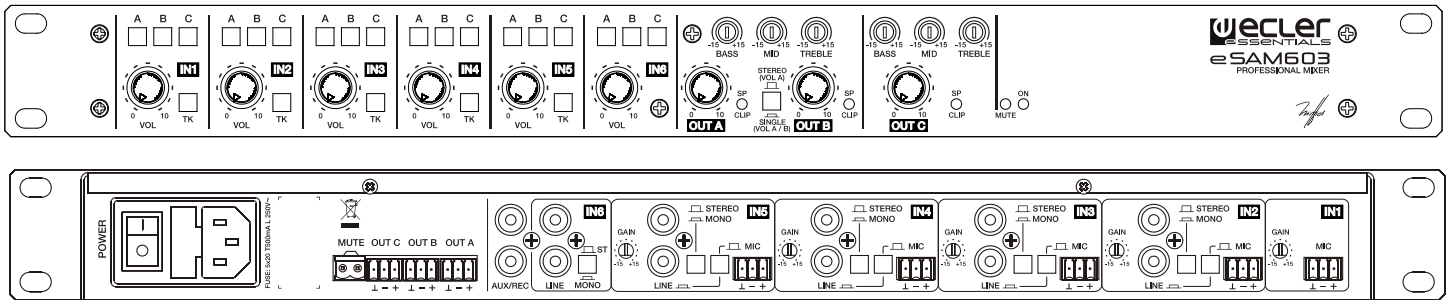
APPLICATIONS

- 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 / Impedance	IN 1-5 (LINE)	0dBV / 50kΩ
	IN 6 (LINE)	0(-6)dBV* / 50kΩ
	IN 1-5 (MIC/BAL)	-35dBV/>1kΩ
Input sensitivity adjust	IN 1-5 (MIC/BAL)	±15dB
Outputs Level / Minimum load	OUT	0(+6)dBV* / 600Ω
	AUX/REC	0dBV/10kΩ
Frequency response	LINE	10Hz-50kHz - 1dB
	MIC BAL	10Hz-30kHz - 1dB
Harmonic distortion	LINE	<0.005%dB
	MIC BAL	<0.04%dB
CMRR	MIC	>60dB@1kHz
Signal / Noise ratio (gain+15dB)	LINE	>100dB
	MIC BAL	>85dB
Tone control	BASS	100Hz ±15dB
	MID	2kHz ±15dB
	TREBLE	10kHz ±15dB
Talkover	TIME	2 sec.
	EFFECT	-30dB
Phantom voltage		+18VDC
Mains		90-264VCA 47-63Hz
Power consumption		18VA
Dimensions	Panel	482.6x44mm
	Depth	120mm
Weight		2.1kg

*internally selectable