

## eSAM603

### ANALOGUE PREAMPLIFIERS & MIXERS

#### *Installation Analogue Mixer*



### PRODUCT OVERVIEW

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
- 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

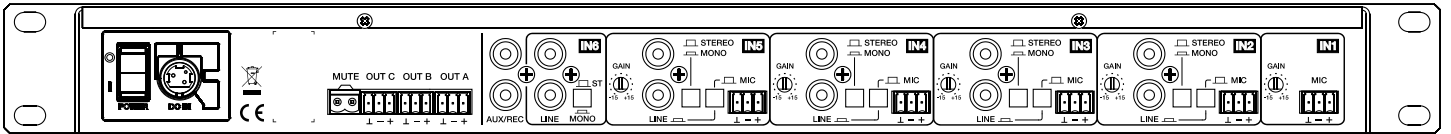
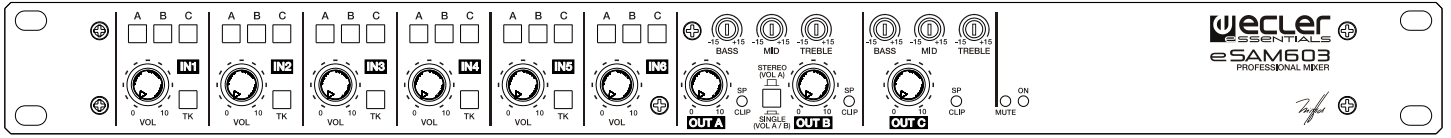
## TECHNICAL SPECIFICATIONS

## eSAM603

Inputs Sensitivity / Impedance	
IN 1-5 (LINE)	0dBV / 50k $\Omega$
IN 6 (LINE)	0(-6)dBV* / 50k $\Omega$
IN 1-5 (MIC/BAL)	-35dBV/>1k $\Omega$
Input sensitivity adjust	
IN 1-5 (MIC/BAL)	$\pm$ 15dB
Outputs Level / Minimum load	
OUT	0(+6)dBV* / 600 $\Omega$
AUX/REC	0dBV/10k $\Omega$
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 $\pm$ 15dB
MID	2kHz $\pm$ 15dB
TREBLE	10kHz $\pm$ 15dB
Talkover	
TIME	2 sec.
EFFECT	-30dB
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	
2.1kg	

\*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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