

## 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

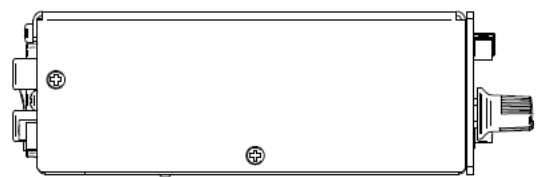
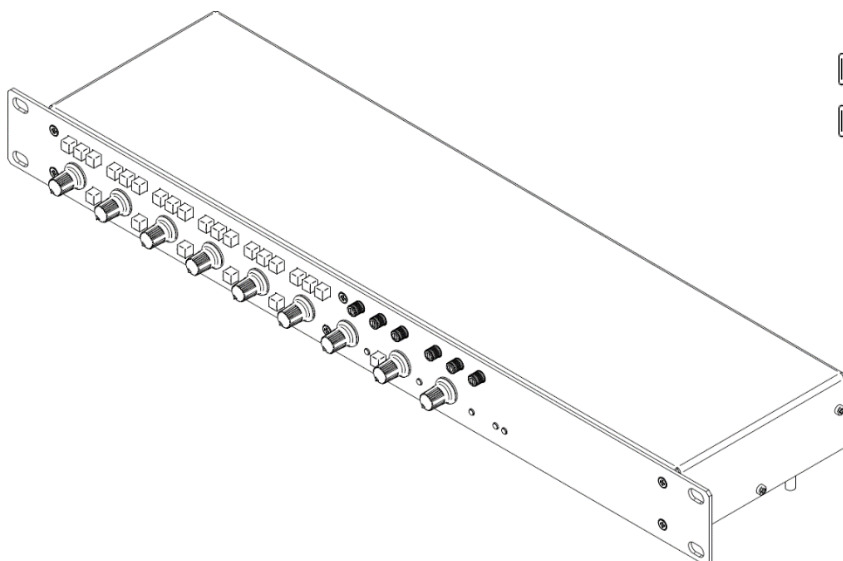
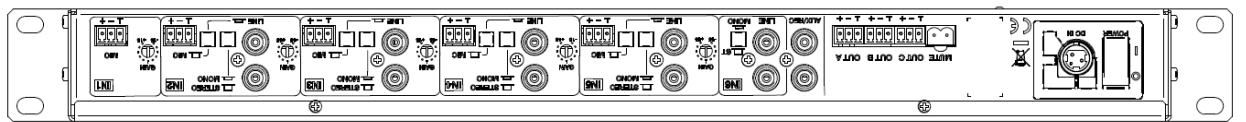
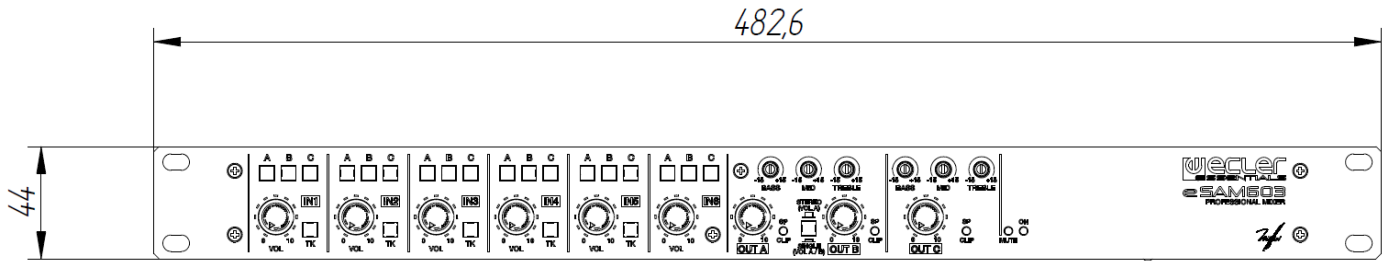
## eSAM603

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

Measurements indicated in mm.





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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