

## eSAM702

### ANALOGUE PREAMPLIFIERS & MIXERS

#### *Installation Analogue Mixer*



#### PRODUCT OVERVIEW

ECLER ESSENTIALS eSAM702 is an installation audio mixer in standard rack format, featuring 6 MIC/LINE ST inputs, 1 LINE ST input, 1 main mix output and one AUX/REC additional output. It includes a 3 band tone control section, Talkover (priority) function assignable to each MIC/LINE input over the mix bus, ST/MONO mix switch and MUTE port for external dry contact triggering.

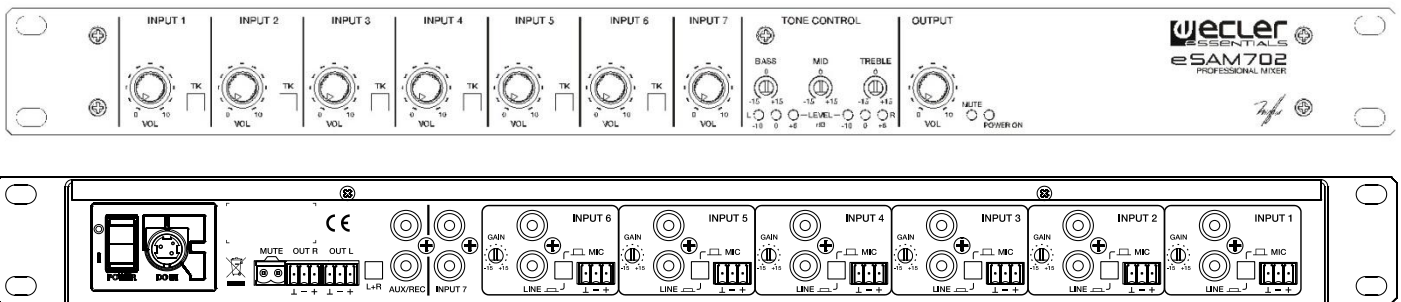
#### KEY FEATURES

- 7 input channels, 2 outputs 19" installation mixer
- 6 MIC/LINE ST inputs
- 1 LINE ST input
- 1 main mix output and one AUX/REC additional output
- 3 band tone control section
- Talkover (priority) function assignable from each MIC/LINE 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

MECHANICAL DIAGRAMS



TECHNICAL DATA

|   |             |                    |
|---|-------------|--------------------|
| <b>Inputs Sensitivity (*) / Impedance</b><br>Input sensitivity adjust | LINE (1-6)  | 0dBV / 50kΩ        |
|   | LINE 7      | -6dBV* / 50kΩ      |
|   | MIC 1-6 BAL | -35dBV/>1kΩ        |
|   | MIC/LIN 1-6 | ±15dB              |
| <b>Outputs Level / Minimum load</b>                                   | OUT         | 0(+6)dBV * / 600Ω  |
|   | AUX/REC     | 0dBV/10kΩ          |
| <b>Frequency response</b>   | LINE        | 10Hz-50kHz - 1dB   |
|   | MIC BAL     | 10Hz-30kHz - 1dB   |
| <b>Harmonic distortion</b>  | LINE        | <0.005%dB          |
|   | MIC BAL     | <0.04%dB           |
| <b>CMRR</b>   | MIC         | >60dB@1kHz         |
| <b>Signal / Noise ratio</b>   | LINE        | >110dB             |
|   | MIC BAL     | >85dB              |
| <b>Tone control</b>   | BASS        | 100Hz ±15dB        |
|   | MID         | 2kHz ±15dB         |
|   | TREBLE      | 10kHz ±15dB        |
| <b>Talkover</b>   | TIME        | 2 sec.             |
|   | EFFECT      | -30dB              |
| <b>Phantom voltage</b>  |             | +18VDC             |
| <b>DC supply</b>  |             | ±17,5 VDC          |
| <b>Mains</b>  |             | 100-240VCA 50/60Hz |
| <b>Power consumption</b>  |             | 16VA               |
| <b>Dimensions</b>   | Panel       | 482,6x44mm         |
|   | Depth       | 120mm              |
| <b>Weight</b>   |             | 1,8kg              |

\*internally selectable