

## SAM614T

### ANALOGUE PREAMPLIFIERS & MIXERS

#### *Installation Analogue Mixer*



#### PRODUCT OVERVIEW

SAM614T is an installation mixer in standard rack format. It includes a total of 6 inputs ( 2 MIC inputs, 2 MIC / ST LINE inputs + 2 ST LINE inputs), 2 independent stereo outputs (2 ST zones) , independent 3 band tone control per each output, Talkover (priority) function and external MUTE connection port.

#### KEY FEATURES

- 6 input channels, 2 independent main outputs 19" installation mixer
- Each channel features signal present (SP) and CLIP indicators
- General phantom power switch located on back panel. Independent internal phantom power assignment to any MIC input
- Triple tone control, per output (accessible only with a screwdriver)
- 2 main stereo outputs with independent volume control
- 3 LED output level meter
- Input channels can be routed to any main output (A,B) or both
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode selector
- Headphones monitoring of selected output (A or B)
- Integrated, internally configurable TALKOVER. Affects OUT A and REC A

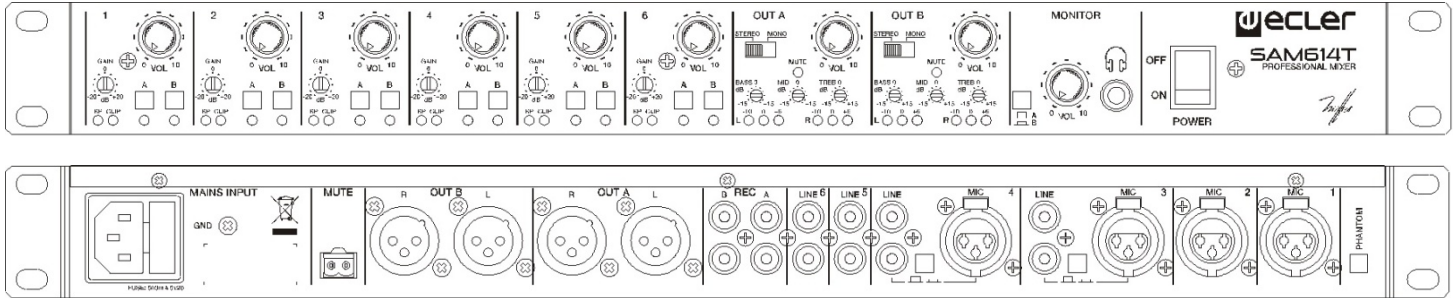
#### APPLICATIONS

- 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

<b>Inputs Sensitivity nom(*) / Impedance</b>	LINE(1, 2, 3)	-5dBV / 47kΩ
	L LINE(4)	-5dBV / 50kΩ
	MIC (BAL)	-45dBV* / >1kΩ
<b>Outputs Level / Minimum load</b>	OUT A	0(+6)*dBV 600Ω(1/2)V
	OUT B	0(+6)*dBV 600Ω(1/2)V
	REC A	0dBV/10kΩ
	REC B	0dBV/10kΩ
	HEADPHONES	200mW/200Ω THD 1%
<b>Input sensitivity adjust</b>	GAIN	±20dB
<b>Frequency response</b>	LINE	10Hz-45kHz - 1dB
	MIC (BAL)	10Hz-30kHz - 1dB
<b>THD+N</b>	LINE	<0.01%dB
	MIC BAL	<0.06%dB
<b>CMRR</b>	MICRO (BAL)	>75dB@1kHz
	LINE	>105dB
<b>Signal / Noise ratio</b>	MICRO (BAL)	>85dB
	BASS	100Hz ±15dB
<b>Tone control</b>	MID	1.8kHz ±15dB
	TREBLE	10kHz ±15dB
	TIME	2 (1-3) seg*
<b>Talkover</b>	EFFECT	-30 (-20, -70)dB
	LINE	-40dB
<b>Signal Present indicators</b>	MICRO (BAL)	-80dB
	LINE	+6dB
<b>Clip indicators</b>	LINE	+6dB
	MICRO (BAL)	-34dB
<b>Phantom voltage</b>		+18VDC/4mA max.
<b>Mains</b>		90-264VAC 47-63Hz
<b>Power Consumption</b>		29VA
<b>Dimensions</b>	Panel	482,6x44mm
	Depth	195mm
<b>Weight</b>		2,5kg

\*internally selectable