

SAM412T

ANALOGUE PREAMPLIFIERS & MIXERS

Installation Analogue Mixer



PRODUCT OVERVIEW

SAM412T is an installation mixer in standard rack format. It includes 4 MIC / ST LINE inputs, 2 stereo outputs, independent 3-band tone control per each input, Talkover (priority) function and external MUTE connection port.

KEY FEATURES

- 4 input channels, 2 main outputs 19" installation mixer
- Micro sensitivity level can be adjusted on the back panel
- +18V Phantom Power available in all "MIC" inputs
- Direct micro input on front panel, channel 1
- Includes a talkover assigned to "INPUT 1" with internal release time adjustment
- Three-band tone controls for each channel, accessible with a screwdriver
- Vu-meter for the mix signal
- Two internally adjustable output levels
- Recording output
- Direct access to the mixing bus allowing you to connect another mixer and increase the number of inputs
- Remote MUTE control affecting all inputs for connecting fire detection systems other safety devices. Internally programmable "NO / NC" (normally open, normally closed)
- Mono/stereo switch
- 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

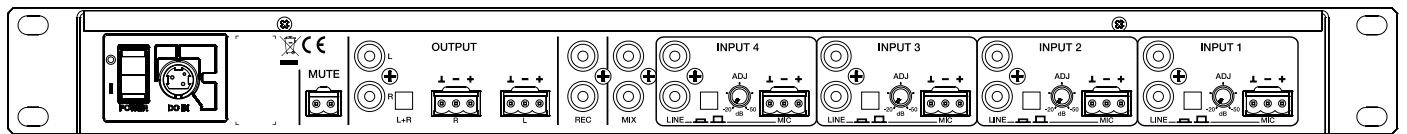
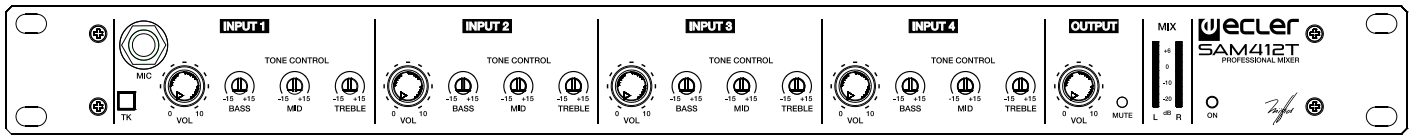
TECHNICAL SPECIFICATIONS

SAM412T

Inputs Sensitivity nom(*)/Impedance	
LINE(1, 2, 3)	0dBV/50Ω
L LINE(4)	-5dBV / 50kΩ
MIC BAL	-50(-20)dBV/>1kΩ
MIX	0dBV>6Ω
Outputs Level/Minimum load	
OUT 1 BAL	0(+6)dBV*/600Ω1(2)V
OUT 1 UNBAL	0(+6)dBV*/2.2kΩ 1(2)V
REC	0dBV/10kΩ
Frequency response	
LINE	10Hz-50kHz -1dB
MIC BAL	10Hz-30kHz -1dB
Harmonic distortion	
LINE	<0.01%
MIC BAL	<0.04%
CMRR	
MIC	>65dB@1kHz
Signal/Noise ratio	
LINE	>100dB
MIC BAL	>85dB
Tone control	
BASS	100Hz ±15dB
MID	2kHz ±15dB
TREBLE	10kHz ±15dB
Talkover	
TIME	1 / 2 / 3 seg*
EFFECT	-30 dB
Phantom voltage	+18VDC
DC supply	±17,5 VDC
Mains	100-240VAC + External PSU 17,5VDC
Power Consumption	23VA
Dimensions	
Panel	482.6x44mm
Depth	195mm
Weight	2.4kg

(*) 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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