

SAMI-702BT

ANALOGUE PREAMPLIFIERS & MIXERS

Installation Mixers



PRODUCT OVERVIEW

SAMI-702BT is an installation audio mixer in standard rack format, featuring 6 MIC/LINE Stereo inputs + 1 Bluetooth® Stereo 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 Stereo inputs
- 1 Bluetooth® Stereo 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
- MUTE remote control input enabled by external dry contact closure for connecting fire detection systems and other safety devices.
- Universal external power supply (multi-plug)

APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Sport & Wellness

TECHNICAL SPECIFICATIONS

SAMI-702BT

ANALOGUE AUDIO INPUT PORTS

Number of input ports	6, MIC/LINE 1, BT in (Bluetooth® LINE STEREO)
Connection type	MIC: 3-pin Euroblock LINE/MIX: RCA Bluetooth® Receiver
Input sensitivity	LINE 1-6: 0dB Bluetooth® LINE 7: 0dB/-6dB (internally selectable) MIC BAL: -35dB
Input sensitivity adjust	MIC/LINE 1-6: ±15dB
Input impedance	LINE 1-6: 50kΩ MIC BAL: >1kΩ
CMRR	MIC: >60dB @ 1 kHz
Phantom voltage	+18VDC

ANALOGUE AUDIO OUTPUT PORTS

Number of output ports	1 main mix output 1 AUX/REC output
Connection type	Main: 3-pin Euroblock AUX/REC: RCA
Output type	1 STEREO/2 MONO main mix output 1 STEREO AUX/REC
Nominal output level	OUT: 0dB/+6dB (internally selectable) AUX/REC: 0dB/+6dB (follows MAIN OUT, when AUX OUT=POST)
Output impedance	OUT: 600Ω AUX/REC: 10kΩ

SIGNAL

Frequency response	LINE 1-6: 10Hz-50kHz -1dB Bluetooth® LINE 7: 20Hz-20kHz -1dB MIC BAL: 10Hz-30kHz -1dB
THD + Noise	LINE 1-6: <0.005% Bluetooth® LINE 7: <0.03% MIC BAL: <0.04%
Signal noise ratio	LINE 1-6: >100dB Bluetooth® LINE 7: >100dB MIC BAL: >85dB

DEVICE CONTROL

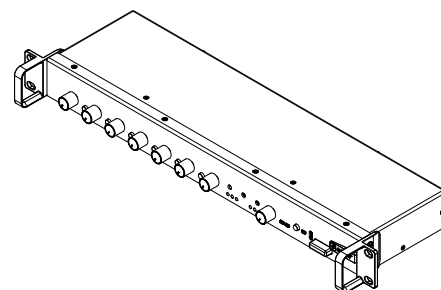
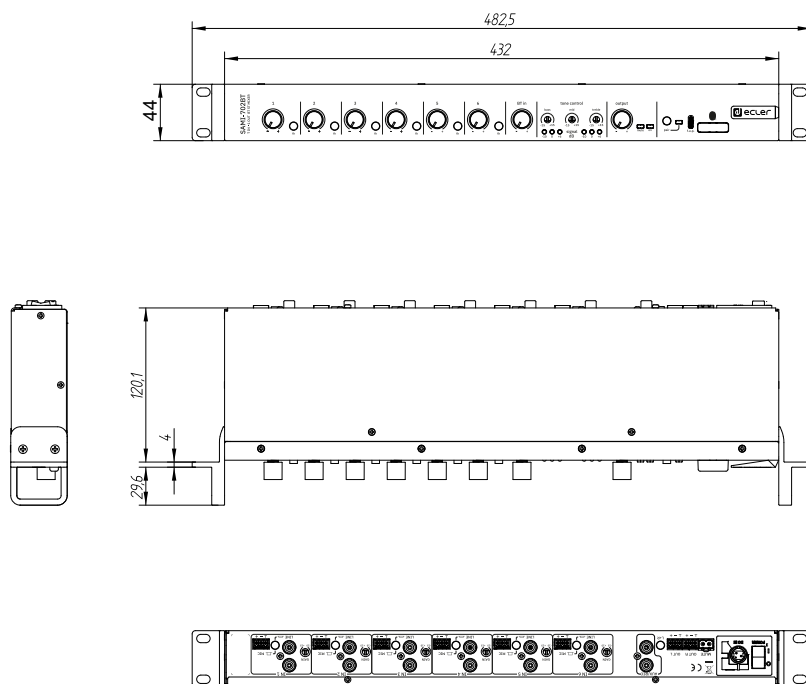
Tone Control	3-way tone control
Tone Frequency Cut	BASS: 100Hz ±15dB MID: 2kHz ±15dB TREBLE: 10kHz ±15dB
Talkover	TIME: 2 seconds EFFECT: -30dB
Control Buttons	Power ON, Talkover, LINE/MIC, L+R (output), Gain knob, Volume knob, Bluetooth® Pair
Status Indicators	Power ON LED, MUTE LED, Vu-meter LEVEL LEDs, Pair LED
Programming and control Interface	ECLER BLUETOOTH® MANAGER - EBTM USB - C

REMOTE CONTROL CONNECTIONS		
	GPIs	MUTE control port NO/NC
BLUETOOTH®		
	Type	Class 1, 5.0
	Range	25m
	Profiles	A2DP1.3/AVRCP1.6/HFP1.7.2/HSP1.2
	Decoder support	AAC, SBC
	Output configuration	STEREO / MONO (configurable via EBTM)
ELECTRICAL		
	Power supply	±17.5VDC External PSU
	AC mains requirement	100-240 V @ 50-60Hz (External PSU: 17.5VDC)
	AC mains connector	IEC inlet connector
	Power consumption	14.35VA / 6.6W
	Cooling	Passive
PHYSICAL		
	Operating temperature	Min: 0°C ; 32°F Max: 35°C ; 95°F
	Operating humidity	<85% HR
	Storage temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
	Storage humidity	<90% HR
	Installation options	19" rack format (1RU)
	Included accessories	±17.5VDC multi-plug PSU, EuroBlocks, Rubber Foot, Mini Jumpers
	Dimensions (WxHxD)	482.5 x 44 x 153.7 mm / 19 x 1.73 x 6.05 in
	Weight	1.9 kg / 4.19 lb
	Shipping dimensions (WxHxD)	560 x 60 x 295 mm / 22.05 x 2.36 x 11.61 in
	Shipping weight	2.6 kg / 5.73 lb

MECHANICAL DIAGRAM



Ecler SAMI-702BT Mechanical Diagram



All the measurements are in mm

6I-1139-0100

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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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