SAM312 Key features

- 3 input channels, 2 main outputs 19" installation mixer
- 3 MIC/stereo LINE input channel mixer
- Input signal pushbutton selector (MIC/LINE) on back panel
- Dedicated "Low Line" input with adapated sensibility for low level line signal sources, like mp3 players (iPod®, etc.) and laptop computers
- Independent internal assignable phantom power for all MIC inputs
- Direct MIX input allows straight forward connection of further mixers
- Triple tone control (accessible only with screwdriver)
- 2 stereo outputs
- 3 led output level metre
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode pushbutton
- Headphones general MIX monitoring
- Full remote MUTE control
- Side rack mount ears with 2 possible positions, for front panel alignment with devices in the same rack

SAM412T Key features

- 4 MICRO/LINE input channels with independent 3 band tone control 19" installation mixer
- 4 channels with 2 selectable inputs per channel (balanced micro, line)
- Dedicated "Low Line" input with adapated sensibility for low level line signal sources, like mp3 players (iPod®, etc.) and laptop computers
- 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
- Output level control
- 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 and/or other safety devices. Internally programmable "NO / NC" (normally open, normally closed)
- Mono/stereo switch
- Side rack mount ears with 2 possible positions, for front panel alignment with devices in the same rack

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail outlets
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

The SAM mixer series has been specially designed for all public address and communication systems requiring a minimum risk of unwanted external manipulation

Product

SAM5I2T Key features

- 5 input channels, 2 main outputs 19" installation mixer
- 5 MIC/stereo LINE input channel mixer
- Input signal pushbutton selector (MIC/LINE) on back panel
- Dedicated "Low Line" input with adapated sensibility for low level line signal sources, like mp3 players (iPod®, etc.) and laptop computers
- PFL on all inputs for headphone monitoring
- Independent internal assignable phantom power for all MIC inputs
- Channel 1 features integrated TALKOVER on MIC input. Additional front panel MIC connector
- Direct MIX input allows straight forward connection of further mixers
- Triple tone control (accessible only with screwdriver)
- 2 stereo outputs with independent volume control
- 3 LED output level metre
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode pushbutton
- Full remote MUTE control
- Side rack mount ears with 2 possible positions, for front panel alignment with devices in the same rack

SAM6I4T Key features

- 6 input channels routable to 2 main outputs. 19" installation mixer
- 6 input channels
- MIC inputs on channels 1 and 2
- Dedicated "Low Line" input with adapated sensibility for low level line signal sources, like mp3 players (iPod®, etc.) and laptop computers
- MIC/stereo LINE in channels 3 and 4. Input signal selector (MIC/LINE) on back panel
- Stereo LINE on channels 5 and 6
- Input signal gain level control (accessible only with a screwdriver)
- 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 (accessible only with a screwdriver)
- 2 main stereo outputs with independent volume control
- 3 LED output level metre
- 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
- Built-in, internally programmable TALKOVER. Affects OUT A and REC A
- Side rack mount ears with 2 possible positions, for front panel alignment with devices in the same rack

Tech. Characteristics

		SAM3I2	SAM4I2T	SAM5I2T	SAM6I4T
Inputs	LINE (1/2/3) L LINE (4)	0dBV/50kΩ	0dBV/50kΩ	0dBV/50kΩ	-5dBV/47kΩ
Sensitivity nom(*)/Impedance	MIC BAL	-5dBV/50kΩ	-5dBV/50kΩ	-5dBV/50kΩ	-5dBV/50kΩ
	MIX	-50(-30)dBV*/2.2kΩ	-50(-20)dBV/>1kΩ	-50(-30)dBV*/2.2kΩ	-45dBV*/>1kΩ
	GAIN	0(-10)dBV*/>20(>6)kΩ	0dBV>6kΩ	0(-10)dBV*/>20(>6)kΩ	_
Input sensitivity adjust		_	_		±20dB
Outputs Level/Minimum load	OUT BAL OUT UNBAL REC HEADPHONES	0(+6)dBV*/600Ω1(2)V 0(+6)dBV*/2.2kΩ1(2)V 0dBV/10kΩ 200mW/200Ω	0(+6)dBV*/600Ω1(2)V 0(+6)dBV*/2.2kΩ1(2)V 0dBV/10kΩ -	0(+6)dBV*/600Ω1(2)V 0(+6)dBV*/2.2kΩ1(2)V 0dBV/10kΩ 200mW/200Ω	0(+6)dBV*/600Ω1(2)V 0(+6)dBV*/600Ω1(2)V 0dBV/10kΩ 230mW/400Ω

		SAM3I2	SAM4I2T	SAM5I2T	SAM6I4T
Frequency response	LINE MIC BAL	10Hz-55kHz -1dB 10Hz-35kHz -1dB	10Hz-50kHz -1dB 10Hz-30kHz -1dB	10Hz-55kHz -1dB 10Hz-35kHz -1dB	10Hz-30kHz -1dB 10Hz-30kHz -1dB
Signal/Noise ratio	LINE MIC BAL	>100dB >85dB	>100dB >85dB	>100dB >85dB	>100dB >80dB
Tone control	BASS MID TREBLE	100Hz ±15dB 2kHz ±15dB 10kHz ±15dB	100Hz ±15dB 2kHz ±15dB 10kHz ±15dB	100Hz ±15dB 2kHz ±15dB 10kHz ±15dB	100Hz ±12dB 1.8kHz ±15dB 10kHz ±12dB
Talkover		_	TIME 1 / 2 / 3 seg* -30 dB	TIME 1/2/3 seg* EFFECT -30 dB	RECOVERY TIME 2 (1-3) seg*
Phantom voltage		+18VDC	+18VDC	+18VDC	+18VDC
Mains Power consumption		90-264VCA 47-63Hz 18VA	90-264VCA 47-63Hz 23VA	90-264VCA 47-63Hz 20VA	90-264VCA 29VA
Dimensions	Panel Depth	482.6x44mm 195mm	482.6x44mm 195mm	482.6x44mm 195mm	482.6x44mm 195mm
Weight		2.4kg	2.4kg	2.4kg	2.6kg

(*) Internally selectable

ecler Sound experience Barcelona 1965

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