

SAM SERIES

SAM312, SAM 412T, SAM512T, SAM614T

INSTALLATION ANALOGUE MIXERS / PREAMPLIFIERS

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 adapted 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 adapted 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



WPMIX-T



MPAGE1

Applications

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

Accessories

- **MPAGE1**, desktop paging station (for more information visit the MPAGE series product page)
- **WPMIX-T, MICRO+LINE** wall panel mixer with talkover function

PRODUCT

NXA6-200

POWERED DIGITAL AUDIO MANAGER

wecler

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INSTALLATION ANALOGUE MIXERS / PREAMPLIFIERS



SAM512T 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 adapted 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

SAM614T 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 adapted 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 2 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

Technical Characteristics	SAM312	SAM412T	SAM512T	SAM614T
Inputs	LINE 1(2/3) L LINE 1(4)	0dBV/50kΩ -5dBV/50kΩ	0dBV/50kΩ -5dBV/50kΩ	0dBV/50kΩ -5dBV/50kΩ
Sensitivity nom[*] Impedance	MIC BAL	-50[-30]dBV*/2.2kΩ	-50[-20]dBV*/1kΩ	-50[-30]dBV*/2.2kΩ
Input sensitivity adjust	MIX	0[-10]dBV*/>20[>6]kΩ	0dBV/6kΩ	0[-10]dBV*/>20[>6]kΩ
Outputs	GAIN	-	-	±20dB
Level/Minimum load	OUT BAL	0[+6]dBV*/600Ω1[2]V	0[+6]dBV*/600Ω1[2]V	0[+6]dBV*/600Ω1[2]V
	OUT UNBAL	0[+6]dBV*/2.2kΩ1[2]V	0[+6]dBV*/2.2kΩ1[2]V	0[+6]dBV*/600Ω1[2]V
	REC	0dBV/10kΩ	0dBV/10kΩ	0dBV/10kΩ
	HEADPHONES	200mW/200Ω	-	230mW/400Ω
Frequency response	LINE	10Hz-55kHz-1dB	10Hz-50kHz-1dB	10Hz-55kHz-1dB
	MIC BAL	10Hz-35kHz-1dB	10Hz-30kHz-1dB	10Hz-30kHz-1dB
Signal/Noise ratio	LINE	>100dB	>100dB	>100dB
	MIC BAL	>85dB	>85dB	>80dB
Tone control	BASS	100Hz±15dB	100Hz±15dB	100Hz±15dB
	MID	2kHz±15dB	2kHz±15dB	1.8kHz±15dB
	TREBLE	10kHz±15dB	10kHz±15dB	10kHz±12dB

[*] Internally selectable

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Talkover	-	TIME 1/2/3 seg*	TIME 1/2/3 seg*	RECOVERY TIME
Phantom Voltage	+18VDC	+18VDC	+18VDC	+18VDC
Mains	90-264VCA 47-63Hz	90-264VCA 47-63Hz	90-264VCA 47-63Hz	90-264VCA
Power consumption	18VA	23VA	20VA	29VA
Dimensions	PANEL	482.6x44mm	482.6x44mm	482.6x44mm
	DEPTH	195mm	195mm	195mm
Weight	2.4kg	2.4kg	2.4kg	2.6kg

[*] Internally selectable