

HSMIX Installation Mixer



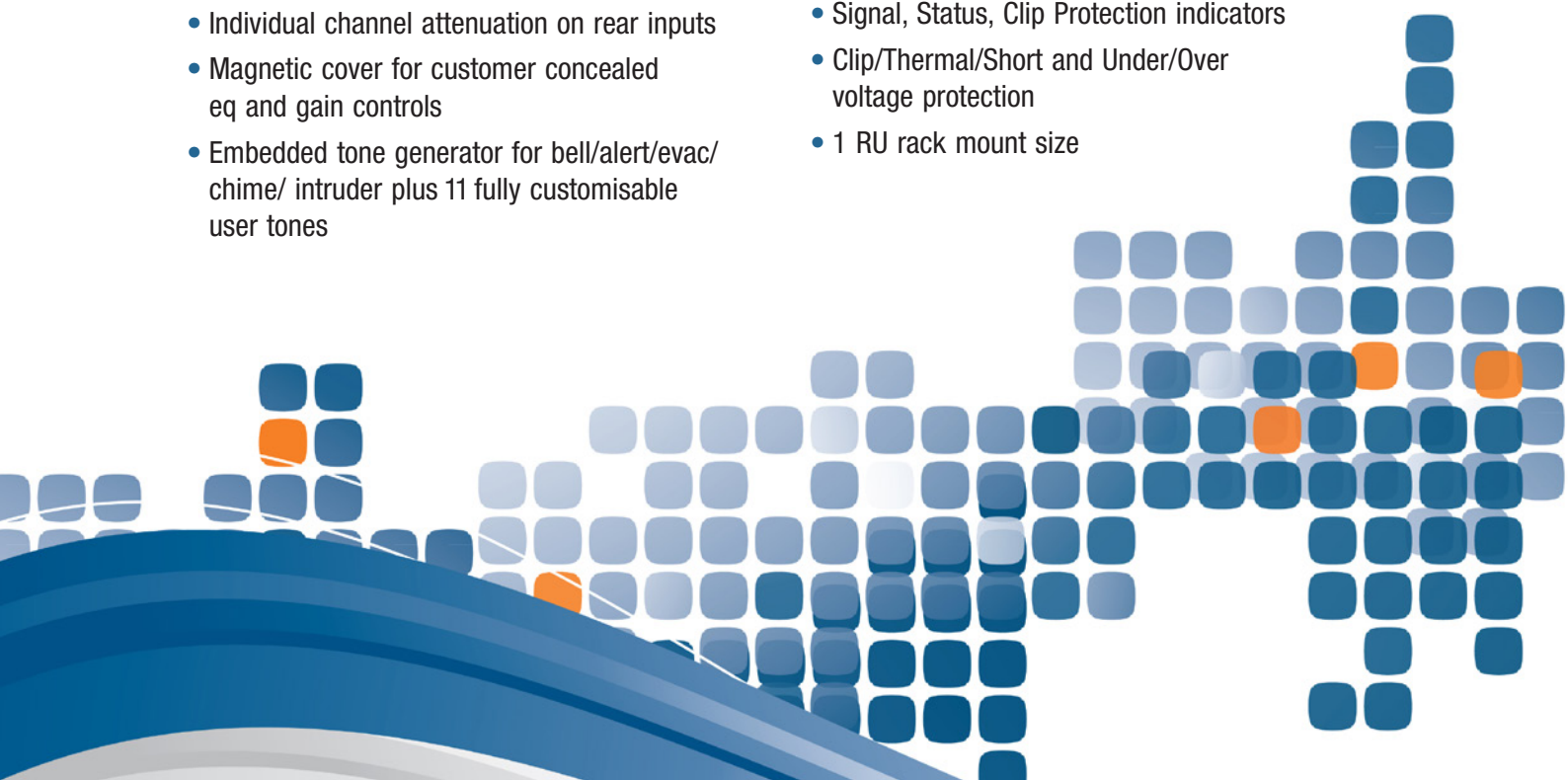
The HSMIX is Australian Monitor's next generation mixer, delivering high quality audio in a one-rack unit package.

Our new mixer is fully featured, offering 7 external and 2 internal audio input channels, each channel offering individual channel volume control, equalizer and gain control. An inbuilt user-customizable tone generator, MP3 player, Bluetooth module, 3.5mm jack and USB charger are included as standard.

The HSMIX has been designed to include all the features required for a vast range of installations, from the boardroom to the classroom, school hall to bar, restaurant or function space.

Features:

- 9 audio input channels. 6 rear & 3.5mm Jack, Bluetooth and MP3
- Individual gain/equalisation control on all external audio inputs
- Priority mute control on channels 1-3, with level and time release control
- Phantom power on rear inputs
- MIC or Line options on rear inputs
- Individual channel attenuation on rear inputs
- Magnetic cover for customer concealed eq and gain controls
- Embedded tone generator for bell/alert/evac/ chime/ intruder plus 11 fully customisable user tones
- Embedded MP3 player via onboard SD card socket – supporting random, sequenced and single playback
- Bluetooth 3.0+EDR audio receiver supporting advanced audio distribution profile (A2DP)
- Tamper-proof channel attenuation by disabling external volume controls
- Voltage controlled input attenuation (VCA)
- Signal, Status, Clip Protection indicators
- Clip/Thermal/Short and Under/Over voltage protection
- 1 RU rack mount size





Front Panel with magnetic cover removed, revealing eq and gain controls



Back Panel

Specifications

Model	HSMIX
PRE-AMPLIFIER	
Frequency Response	20Hz – 20kHz
THD+N. 1kHz	< 0.05%
Signal to Noise Ratio	> 82 dB
Crosstalk	> 90 dB
Sensitivity	MIC Setting: -45dBu (4.355mV) LINE Setting: 0dBu (0.775V) RCA -12dBu (200mV)
Line Output – Nominal	0dBu (0.775V)
Line Output – Max	Change to +12dBu (3.1Vrms)
Record Output	-12dBu (200mV)
External audio inputs	3 XLR/RCA Inputs with MIC/LINE level control, 3 Euro/RCA Inputs with MIC/LINE level control, 3.5mm front panel audio jack
Internal audio inputs	Bluetooth Audio Input, MP3 Player input
Outputs	Line Output (Euro), Record Output (RCA)
Channel Equaliser	100Hz ±12dB, 10kHz ±12dB
Master Equaliser	100Hz ±12dB, 1600Hz ±12dB, 10kHz ±12dB
PERIPHERALS	
Tone Generator	5 default tones + 11 user customisable tones
Bluetooth	Bluetooth 3.0 + EDR supporting A2DP profile
MP3 Player	Embedded MP3 player
Supported Modes	Individual Track, Random, Play1 random, Sequence
Supported File Formats	MPEG-1 Audio Layer III support – Full bit rate support. CBR, ABR, VBR WAV – 16 or 24 bit – 32kHz, 44, 1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
Additional Features	12V Phantom power on input channels 1-6, Priority control on Ch1-3 with level and release time control, VCA
MISCELLANEOUS	
DC Input	24VDC, 0.5A via supplied AC-DC power pack
Mounting	1 RU
Dimensions [W x D x H]	438mm x 160mm x 44mm (17.24" x 6.3" x 1.73")
Operating Temperature	0°C to 40°C (95% RH)
Colour	Black



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