



HS MIXER AMPLIFIER

HS60 • HS120 • HS250



HS120 Front Panel

The HS series is Australian Monitor's mid-range Class D mixer amplifiers, delivering high quality audio reinforcement in 60, 120 and 250 watt options, all in a one rack unit package.

Fully featured, the HS series offers 7 external audio input channels with individual channel volume control, equalizer and gain control. It also includes an inbuilt user-customizable tone generator, WAV/MP3 player, Bluetooth, 3.5mm jack and USB charger.

The HS series has been designed with all of the features and power to suit a vast range of installations, from the boardroom to the classroom, school hall to bar, restaurant or function space.

60W
120W
250W

Power Options

Tone Generator

Priority Muting

MP3/WAV
MP3/WAV Player

FEATURES

- 4 Ohm / 70V and 100V outputs
- Class D amplifier stage
- 9 audio input channels.
 - > 6 rear Mic/Line Inputs
 - > 3.5mm front Jack
 - > Bluetooth® and MP3/WAV Player
- Bluetooth® 3.0+EDR audio receiver supporting advanced audio distribution profile (A2DP)
- Embedded MP3/WAV player via onboard SD card socket – supporting random, sequenced and single playback
- Individual gain/equalisation control on all external audio inputs
- Priority mute control on channels 1-3, with level and time release control
- Magnetic cover for customer concealed eq and gain controls
- Embedded tone generator for bell/alert/evac/chime/ intruder plus 11 fully customisable user tones
- Tamper-proof channel attenuation by disabling external volume controls
- Remote volume control via optional wall panel (VCA)



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



Back panel

RC2-LOG
- volume control accessory





MODEL	HS60	HS120	HS250
AMPLIFIER			
TOPOLOGY	Class-D		
CHANNELS	1	1	1
CONTINUOUS MAX POWER OUTPUT	60W	120W	250W
FREQUENCY RESPONSE 4Ω	20Hz - 20kHz		
FREQUENCY RESPONSE 100V	100Hz - 16kHz		
SIGNAL TO NOISE RATIO	> 75 dBr		
THD+N. 4Ω, 8Ω. 1KHZ	< 0.2%		
THD+N. 100V. 1KHZ	< 0.3%		
OVERLOAD PROTECTION	Temperature, Over/Under Voltage, Short		
PRE-AMPLIFIER			
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		
PRE-AMPLIFIER OUTPUTS	Line Output (Euroblock), 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/WAV PLAYER	Embedded MP3/WAV 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		
ADDITIONAL FEATURES	12V Phantom power on input channels 1-6 Priority control on Ch1-3 with level and release time control Remote volume control via optional RC2-LOG volume controller		
MISCELLANEOUS			
AC INPUT	100-240Vac, 50-60Hz	220-240Vac, 50-60Hz	100-240Vac, 50-60Hz
AC POWER FACTOR	N/A		> 0.95
MOUNTING	1 RU		
DIMENSIONS (W X D X H)	438 x 306 x 44mm (17.24" x 12.05" x 1.73")		438 x 406 x 44mm (17.24" x 16" x 1.73")
NET WEIGHT	4.9 Kg (10.80 lbs)	5.3 Kg (11.68 lbs)	6.8 Kg (15 lbs)
OPERATING TEMPERATURE	0°C to 40°C (95% RH)		
COOLING SYSTEM	Convection		Fan assisted convection cooling
COLOUR	Black		

ENGINEERED BY AUSTRALIAN MONITOR

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