




HSv2 MIXER AMPLIFIER

HS120v2 • HS250v2



HS120v2 Front Panel

The HSv2 series is Australian Monitor's mid-range Class D mixer amplifiers, delivering high quality audio reinforcement in 120 and 250 watt options, all in a one rack unit package.

The HSv2 now includes an upgraded and programmable Bluetooth v5.1 module allowing customisation of the broadcast name, PIN number and various security features.

Fully featured, the HSv2 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 HSv2 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.



FEATURES

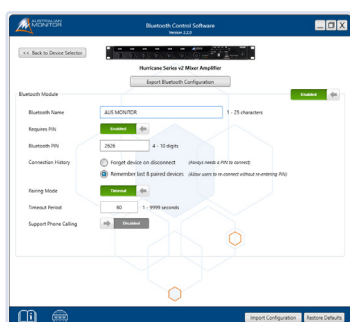
- 4 Ohm / 70V and 100V outputs
- Class D amplifier stage
 - 9 audio input channels.
 - 6 rear Mic/Line Inputs
 - 3.5mm front Jack
 - Bluetooth® and MP3/WAV Player
- **Programmable** Bluetooth v5.1 receiver via SD card and PC software.
 - Broadcast Name
 - PIN Number
 - Security Features
- Embedded MP3/WAV 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



Bluetooth Control Software

VC-LOG
- volume
control
accessory





MODEL	HS120 v2	HS250 v2
AMPLIFIER		
TOPOLOGY	Class-D	
CHANNELS	1	1
CONTINUOUS MAX POWER OUTPUT	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	Programmable Bluetooth 5.1+ EDR supporting A2DP and Phone Calling(HFP) 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 VC-LOG volume controller	
MISCELLANEOUS		
AC INPUT	220-240Vac, 50-60Hz	100-240Vac, 50-60Hz
AC POWER FACTOR	> 0.95	
MOUNTING	1RU	
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	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

Address: Unit 1, 2 Daydream Street, Warriewood NSW 2102 Australia

Website: www.australianmonitor.com.au

International enquiries email: international@australianmonitor.com.au

ABN 86 003 231 187

