

AMPLIFIERS WITH DSP



HSP SERIES



The HSP Series is Australian Monitor's next generation of controllable Class D power amplifiers, delivering high quality audio reinforcement with the power you need in the following options – Single channel 120W or 250W, Dual channel 120W or 250W and Quad channel 120W or 250W.

Our new power amplifiers are fully featured, including an efficient Class D amplifier, USB and RS232 control and a mini DSP featuring volume control, mute, compressor/ limiter and input channel selection.

The HSP series power amplifiers give the AV contractor a reliable amplifier for applications that are price sensitive yet still require high quality commercial sound reinforcement and control.

- HS120P – 1x120W, HS250P – 1x250W
- HS2120P – 2x120W, HS2250P – 2x250W
- HS4120P – 4x120W, HS4250P – 4x250W
- Class D amplifier technology
- USB and RS232 control
- Software graphic user interface control
- miniDSP: Volume control, muting, High/Low pass filter, Compressor/Limiter, Input channel selection, Invert
- External Mute, Standby and Fault control
- Signal, clip and protection indicators
- Universal switchmode PSU with PFC
- 4Ω and 70V / 100V outputs
- Rack mount size
 - 1 RU for 1 and 2 channel amplifiers
 - 2 RU for 4 channel amplifiers
- Fan cooled

PC APPLICATION USER INTERFACE



	HS120P	HS250P	HS2120P	HS2250P	HS4120P	HS4250P
CHANNEL	1	1	2	2	4	4
POWER OUTPUT PER CHANNEL	120W	250W	120W	250W	120W	250W
FREQUENCY RESPONSE 4Ω	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz
100V	100Hz ~ 16kHz	100Hz ~ 16kHz	100Hz ~ 16kHz	100Hz ~ 16kHz	100Hz ~ 16kHz	100Hz ~ 16kHz
AUDIO INPUT CONNECTORS	1 x 3 euroblock plug (3.81mm)					
AUDIO OUTPUT CONNECTORS	6 pin Screw Terminal per channel					
COMMUNICATION	Front Panel – USB 1.1(mini type B) Rear Panel – RS232 (1x3 euroblock plug 3.81mm)					
MOUNTING	1RU	1RU	1RU	1RU	2RU	2RU
DIMENSIONS (HxWxD)	44 x 483 x 328mm	44 x 483 x 328mm	44 x 483 x 328mm	44 x 483 x 328mm	89 x 483 x 389mm	89 x 483 x 389mm