

HORTUS AUDIO

AMPLIFIERS AP SERIES



*Your eyes won't believe
your ears*

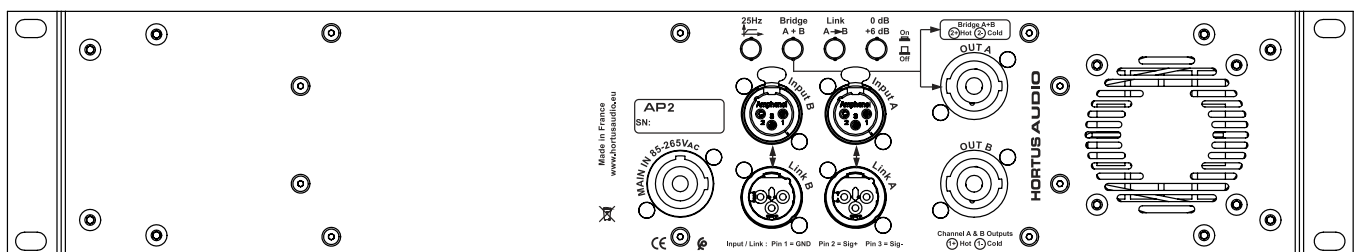




AP2 SERIES: 2-CHANNELS



AP2 SERIES 2-CHANNELS		AP2-140	AP2-280	AP2-500	AP2-800	AP2-3000
SE MODE CH1 + CH2	RL: 4 Ω	2 x 140 W	2 x 280 W	2 x 490 W	2 x 810 W	2 X 3000 W
	RL: 8 Ω	2 x 140 W	2 x 280 W	2 x 245 W	2 x 410 W	2 x 1500 W
	RL: 2 Ω	-	-	-	2 x 900 W	2 x 1500 W
BTL MODE	RL: 4 Ω	140 W	280 W	1050 W	1400	-
	RL: 8 Ω	140 W	280 W	900 W	1500	-
	70 V RMS	140 W	250 W	1000 W	1500	-
	100 V RMS	120 W	240 W	1000 W	1500	-
Damping Factor (8Ω load)		> 225 (1 kHz)	> 350 (1 kHz)	> 1000 (1 kHz)	>350 (1 kHz)	>400 (20 - 500Hz)
Output Circuitry		Class D - full bandwidth PWM modulator with ultra low distortion				-
Signal To Noise-Ratio (20 Hz - 20 kHz, 8Ω load)		> 119 dB		> 120 dB	> 119 dB	-
THD+N (typical)		< 0.05 % (20 Hz - 20 kHz, 8Ω load, 3 dB below rated power)				-
Frequency Response		20 Hz - 20 kHz (+0/-0.25 dB, 8Ω load, 3 dB below rated power)				-
Protection		Short circuit protection, DC protection, under voltage protection, temperature protection, overload protection				Turn-on transients, Over-heating, DC, RF, Short-circuit, mismatched loads, ICL™, PMS™
Operation Voltage		85 - 265V				-
Dimensions (mm)		446,5 x 360,50 x 88 A vertical rack space of 2U (88mm high) is required, with an in rack depth of 17.58 inches (446,5mm).				-



AP4 SERIES: 4-CHANNELS



AP4 SERIES 4-CHANNELS		AP4-140	AP4-280	AP4-500	AP4-800
SE MODE CH1 + CH2	RL: 4 Ω	4 x 140 W	4 x 280 W	4 x 490 W	4 x 810 W
	RL: 8 Ω	4 x 140 W	4 x 280 W	4x 245 W	4 x 400 W
	RL: 2 Ω	-	-	-	4 x 900 W
BTL MODE	RL: 4 Ω	2 x 140 W	2 x 280 W	2 x 1050 W	2 x 1400
	RL: 8 Ω	2 x 140 W	2 x 280 W	2 x 900 W	2 x 1500
	70 V RMS	2 x 140 W	2 x 250 W	2 x 1000 W	2 x 1500
	100 V RMS	2 x 120 W	2 x 240 W	2 x 1000 W	2 x 1500
Damping Factor (8Ω load)		> 225 (1 kHz)	> 350 (1 kHz)	> 1000 (1 kHz)	>350 (1 kHz)
Output Circuitry		Class D - full bandwidth PWM modulator with ultra low distortion			
Signal To Noise-Ratio (20 Hz - 20 kHz, 8Ω load)		> 119 dB		> 120 dB	> 119 dB
THD+N (typical)		< 0.05 % (20 Hz - 20 kHz, 8Ω load, 3 dB below rated power)			
Frequency Response		20 Hz - 20 kHz (+0/-0.25 dB, 8Ω load, 3 dB below rated power)			
Protection		Short circuit protection, DC protection, under voltage protection, temperature protection, overload protection			
Operation Voltage		85 - 265V			
Dimensions (mm)		446,5 x 360,50 x 88 A vertical rack space of 2U (88mm high) is required, with an in rack depth of 17.58 inches (446,5mm).			

