

Electro-Voice CPS8.5120V 8-Ch Power Amplifier/8x500W Into 2/4 Ohms or 70V/100V Direct Drive/2U/In/Outputs Phoenix Type/120V

Weight Net	13.9kg (30.64 lbs)
Depth	421.5mm (16.59")
Width	482.6mm (19")
Height	88.1mm (3.47")
Amplifier Gain	32 dB (Lo-Z), 33 dB (70V), 36dB ((100V))
Analog Inputs	8, electronically balanced, Phoenix-type
Audio Network	No
CAN Bus Interface	Optional (RCM-810 card)
Continuous Rated Power (1 kHz, THD 1%) 100v	500Watts
Continuous Rated Power (1 kHz, THD 1%) 2Ω	500Watts
Continuous Rated Power (1 kHz, THD 1%) 4Ω	500Watts
Continuous Rated Power (1 kHz, THD 1%) 70v	500Watts
Continuous Rated Power (1 kHz, THD 1%) 8Ω	250Watts
Continuous Rated Power (20-20 kHz, THD<0,2%) 100v	500Watts
Continuous Rated Power (20-20 kHz, THD<0,2%) 4Ω	450Watts
Continuous Rated Power (20-20 kHz, THD<0,2%) 70v	450Watts
Continuous Rated Power (20-20 kHz, THD<0,2%) 8Ω	225Watts
Cooling	Front-to-Rear, continuously variable fans
DIM 30	0.02%
Electronics Type	Amplifier
Frequency Response (-3 dB)	15 Hz-30,000 Hz
Impedance	2/4/8/8 VLD/71 V/100VΩ
Input Impedance (Balanced)	20kΩ
Input Sensitivity	0 dBu (.775V)-2ω, +3 dBu (1.1V)-4/8ω, +6 dBu (1.55) 70V/100V
Mains Voltage	220 - 240 V, 50 - 60 Hz or 120 V, 50 - 60 Hz, 50 - 60 Hz
Maximum Bridged Output 4Ω	1000Watts
Maximum Bridged Output 8Ω	1000Watts
Maximum Input Voltage	+22 (9.76 Vrms)
Network Control (IRIS-Net)	Optional (RCM-810 card)
Signal-to-Noise Ratio (A-weighted)	100dB
Slew Rate	28V/μs
Topology	Class-D
Total Harmonic Distortion	0.05%
Variable Load Drive (VLD)	Yes