

Cento Amplifiers

CP 1.2K

Ch: 1 | 1200 W

Step into a world of refined bass with the Hertz CENTO POWER CP 1.2K. This mono amplifier is engineered for high efficiency, reaching an efficiency greater than 89% within a compact, robust aluminum diecast casing. The CP 1.2K is designed to integrate seamlessly into both traditional and modern vehicle setups, thanks to its Universal Speaker Simulator and a wide operating voltage range suitable for electric vehicles. It features advanced noise rejection capabilities to ensure crystal-clear sound quality. With adjustable input levels, a low-pass crossover filter, a bass boost, and a subsonic filter, this amplifier allows for precise customization of your sound, making it an ideal choice for those seeking powerful, immersive bass without compromise.



TECHNICAL SPECS

Channels	1
Total Power	1200 W
Adjustable Crossovers	Yes
Amp class	D

GENERAL SPECS

POWER SUPPLY	
Nominal power supply voltage (fuse)	11 ÷ 15 VDC (2 x 35 A)
Operating power supply voltage	9 ÷ 18 VDC
Idling current	0.85 A
Standby current draw	4.5 uA
Consumption, MIN load impedance (Max Musical Power)	50 A
Remote IN	4 ÷ 17 VDC (1 mA)
ART - Automatic Remote Turn on/off from SPK-IN (BTL radio only)	1.5 VDC
Efficiency	89%
AMPLIFIER STAGE	
Distortion - THD @ 100 Hz, 70% Rated Power	0,03 %
Damping factor @ 1 kHz, 1W	140
Bandwidth @ -3 dB	10 Hz ÷ 500 Hz
S/N ratio (A-weighted @ 1 V Input)	102 dBA
Minimum load impedance	
@ 1 Ch:	2 Ohm

OUTPUT POWER

Output power (RMS) @ 1% THD:	
1Ch @ 4Ohm	650 W x 1
1Ch @ 2Ohm	1200 W x 1

INPUTS / FILTERS

Inputs	Pre-In / Speaker-In
Pre Out	Hi-Pass 50 ÷ 250Hz @ 12 dB/Oct.
Pre-In sensitivity	0.32 ÷ 8 VRMS
Speaker-In sensitivity	1.6 ÷ 40 VRMS
Sub Ch Lo-Pass	OFF / 50 ÷ 250 Hz @ 24 dB/Oct.
Bass Boost 50Hz	0 ÷ 9 dB
Subsonic Hi-Pass	OFF / 25 Hz @ 24 dB/Oct.
Sub Remote Volume Control	-20 ÷ 6 dB (Active on Rear Ch with LPF ON)

PHYSICAL SPECS