

# Cento Amplifiers

## CP 5.1K

Ch: 5 - 3 | 1030 W

Discover the essence of car audio excellence with the Hertz CENTO POWER CP 5.1K. This five-channel amplifier is certified for Hi-Res Audio, ensuring a frequency response from 10 Hz to 41 kHz, for the most authentic listening experience. Boasting an efficiency greater than 85% within its compact, aluminum diecast casing, the CP 5.1K is fully bridgeable and offers full Plug & Play connectivity for effortless installation. With its adjustable input levels and comprehensive control set, this model is perfect for those who demand superior sound quality and aesthetic refinement in their vehicle's audio system.



### TECHNICAL SPECS

Channels	5 - 3
Total Power	1030 W
Adjustable Crossovers	Yes
Amp class	D

### GENERAL SPECS

<b>POWER SUPPLY</b>	
Nominal power supply voltage (fuse)	11 ÷ 15 VDC (2 x 30 A)
Operating power supply voltage	9 ÷ 18 VDC
Idling current	1.90 A
Standby current draw	4 uA
Consumption, MIN load impedance (Max Musical Power)	48 A
Remote IN	4 ÷ 17 VDC (1 mA)
ART - Automatic Remote Turn on/off from SPK-IN (BTL radio only)	1.5 VDC
Efficiency	83%
<b>AMPLIFIER STAGE</b>	
Distortion - THD @ 100 Hz, 70% Rated Power	0,01 % (F/R Ch) - 0,06 % (SUB Ch)
Damping factor @ 1 kHz, 1W	160 (F/R Ch) - 180 (SUB Ch)
Bandwidth @ -3 dB	10Hz ÷ 47kHz (F/R Ch) - 10Hz ÷ 500Hz (SUB Ch)
S/N ratio (A-weighted @ 1 V Input)	101 dBA (F/R Ch) - 116 dBA (SUB Ch)
<b>Minimum load impedance</b>	
@ 5 Ch:	2 Ohm
@ 3 Ch:	4 Ohm + 4 Ohm + 2 Ohm

### OUTPUT POWER

<b>Output power (RMS) @ 1% THD:</b>	
5Ch @ 4Ohm	80 W x 4 + 330 W x 1
5Ch @ 2Ohm	130 W x 4 + 510 W x 1
3Ch @ 2Ohm / 4Ohm	260 W x 2 + 510 W x 1
2Ch @ 4Ohm	260 W x 2 + 320 W x 1

## INPUTS / FILTERS

<b>Inputs</b>	Pre-In / Speaker-In
<b>Pre Out</b>	Full Range (Front)
<b>Pre-In sensitivity</b>	0.32 ÷ 8 VRMS
<b>Speaker-In sensitivity</b>	1.6 ÷ 40 VRMS
<b>Front Ch Hi-Pass</b>	Full / 50-5000Hz 12dB/Oct.
<b>Rear Ch Lo-Pass</b>	Full / 50-5000Hz 12dB/Oct.
<b>Sub Ch Lo-Pass</b>	50 ÷ 500 Hz @ 24 dB/Oct.
<b>Bass Boost 50Hz</b>	0 ÷ 9 dB
<b>Subsonic Hi-Pass</b>	25 Hz @ 24 dB/Oct.
<b>Sub Remote Volume Control</b>	-20 ÷ 6 dB (Active on Rear Ch with LPF ON)

## PHYSICAL SPECS