

AMPLIFIER

HCP 2

400 W MAX POWER

STEREO AMPLIFIER WITH CROSSOVER



Power Supply

Power supply voltage / fuse:	11 ÷ 15 VDC / 1 x 20 A
Idling current (power ON/OFF):	0.4 A / 0.04 mA
Consumption @ 2 Ω, 14.4 VDC (Max Musical Power):	12 A
Remote In:	7 ÷ 15 VDC - 1 mA
ART™:	Automatic Remote Turn-On/Off with Speaker-In

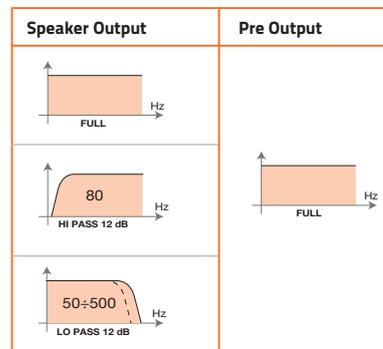
Amplifier Stage

Features:	
Distorsion - THD (100 Hz @ 4 Ω):	0.01 %
Bandwidth:	10 ÷ 65k Hz
S/N Ratio (A weighted @ 1 V):	103 dB
Damping factor (100 Hz @ 4 Ω):	200
Pre-In sensitivity:	0.2 ÷ 5 VRMS
Speaker-In sensitivity:	0.8 ÷ 20 VRMS
Load impedance (MIN)	@ 2 Ch: 2 Ω @ 1 Ch: 4 Ω
Output Power (RMS) @ 14.4 VDC, THD 1%:	
2 Ch:	55 W x 2 (4Ω)
2 Ch:	85 W x 2 (2Ω)
1 Ch:	170 W x 1 (4Ω)
Output Power (RMS) @ 14.4 VDC, THD 10%:	
2 Ch:	65 W x 2 (4Ω)
2 Ch:	100 W x 2 (2Ω)
1 Ch:	200 W x 1 (4Ω)
CEA 2006-A Ratings:	
RMS Power (4Ω, ≤ 1% THD + N, 14.4 V):	50 W x 2 Ch
S/N Ratio (ref. 1 W output):	82 dBA



1. Compact design built from extruded aluminum heatsink with the top side ensuring effective transfer of the heat.
2. Special balanced high-noise rejection input circuitry on the Pre-In or Speaker-In inputs.
3. Speaker-In (for OEM head units) and RCA-In (for Aftermarket head units) inputs.
4. Selectable ART, Automatic Remote Turn-On/Off function, automatically turns on and off the amplifier when the OEM radio turns on and off (can be enabled/disabled, with only Speaker-In inputs).
5. Power supply featuring multiple winding transformer, Low-ESR 105°C capacitors, AB-Class 2 Ω stable output stage.
6. Pre-outs, also available when using Speaker-In level inputs.
7. Mono operation mode (selectable) to drive a subwoofer or, in combination with a second amplifier, for a powerful dual-mono system.
8. Bass Boost (50 Hz) selectable to 12 dB, to increase the subwoofer punch.
9. Lo-Pass (50 Hz to 500 Hz) and Hi-Pass (80 Hz) 12 dB crossover filters. The Hi-Pass fixed frequency filter ensures optimal coupling with sub amplifier.
10. Selectable full range power outputs.

Configurations



Size / Weight

Max size (mm / in.):	215 x 190 x 50 / 8.46 x 7.48 x 1.97
Weight (kg / lb.):	1,80 / 3.96

Inputs / Outputs / Filter

INPUTS:	PRE IN / SPEAKER IN
Pre out FULL range (FRONT):	Yes
Filters FULL:	Yes
Hi-Pass:	80 Hz @ 12 dB/Oct.
Lo-Pass:	50 ÷ 500 Hz @ 12 dB/Oct.
MONO (on/off):	Yes
BOOST 50 Hz (select):	(0 / 6 / 12) dB