

HCP 4M

MARINE 4 CHANNEL AMPLIFIER

760 W max



Power Supply

Power supply voltage / fuse:	11 ÷ 15 VDC / 2 x 20 A
Idling current (power ON/OFF):	1 A / 0.04 mA
Consumption @ 2 Ω, 14.4 VDC (Max Musical Power):	21 A
Remote In:	7 ÷ 15 VDC - 1 mA
ART:	Automatic Remote Turn-On/Off with Speaker-In

Amplifier Stage

Features:	
Distorsion - THD (100 Hz @ 4Ω):	0.01 %
Bandwidth:	10 ÷ 45K Hz
S/N Ratio (A weighted @ 1 V):	103 dB
Damping factor (100 Hz @ 4 Ω):	120
Pre-In sensitivity:	0.2 ÷ 5 VRMS
Speaker-In sensitivity:	0.8 ÷ 20 VRMS
Load impedance (MIN) @ 4 Ch:	2 Ω
@ 3 Ch:	2 Ω + 2 Ω + 4 Ω
@ 2 Ch:	4 Ω

Output Power (RMS) @ 14.4 VDC, THD 1%:	
4 Ch:	55 W x 4 (4 Ω)
4 Ch:	85 W x 4 (2 Ω)
3 Ch:	55 W x 2 (4 Ω) + 170 W x 1 (4 Ω)
3 Ch:	85 W x 2 (2 Ω) + 170 W x 1 (4 Ω)
2 Ch:	170 W x 2 (4 Ω)

Output Power (RMS) @ 14.4 VDC, THD 10%:	
4 Ch:	65 W x 4 (4 Ω)
4 Ch:	95 W x 4 (2 Ω)
3 Ch:	65 W x 2 (4 Ω) + 190 W x 1 (4 Ω)
3 Ch:	95 W x 2 (2 Ω) + 190 W x 1 (4 Ω)
2 Ch:	190 W x 2 (4 Ω)

CEA 2006-A Ratings:	
RMS Power (4 Ω, ≤ 1 %THD + N, 14.4 V):	
S/N Ratio (ref. 1 W output):	

50 W x 4 Ch
82 dBA

Size / Weight

Max size (mm / in.):	315 x 190 x 50 / 12.40 x 7.48 x 1.97
Weight (kg / lb.):	2,62 / 5.77

1. Engineered and tested for the real environment of application (UV, salt-fog, vibrations, high/low temperature, thermal shock, dust).
2. Complete and versatile filter section.
3. Bridge operation mode to drive a subwoofer or to create a powerful dual-mono system.
4. Bass Boost adjustable via selector, for more punch from speakers.
5. Special balanced input circuitry to reject electro-magnetic disturbances.
6. Hi-Level and lo-level inputs to be compatible with any source.
7. Short-circuit and thermal protections with auto resetting.

Inputs / Outputs / Filter

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

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Configurations

