

POWER FOR THE WAVES THE PURE MARINE CERTIFIED PRODUCT

2000W
D-CLASS
MAX POWER

HCP 4MDK

MARINE 4 CHANNEL AMPLIFIER



POWER SUPPLY

Power supply voltage / fuse:	11 ÷ 15 VDC / 2 x 35 A
Idling current (power ON/OFF):	1.6 A / 0.05 mA
Consumption @ 2 Ω, 14.4 VDC (Max Musical Power):	40 A
Remote In:	4 ÷ 16 VDC - 1 mA
ART:	Automatic Remote Turn-On/Off with Speaker-In

AMPLIFIER STAGE

Distorsion - THD (100 Hz @ 4Ω):	0.3 %
Bandwidth:	10 ÷ 35K Hz
S/N Ratio (A weighted @ 1 V):	105 dB
Damping factor (100 Hz @ 4Ω):	200
Pre-In sensitivity:	0.2 ÷ 5 VRMS
Speaker-In sensitivity:	0.8 ÷ 20 VRMS
Load impedance (MIN)	
@ 4 Ch:	2Ω
@ 3 Ch:	2Ω + 2Ω + 4Ω
@ 2 Ch:	4Ω

OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:

4 Ch	120 W x 4 (4 Ω)
4 Ch	220 W x 4 (2 Ω)
3 Ch	120 W x 2 (4 Ω) + 440 W x 1 (4 Ω)
3 Ch	220 W x 2 (2 Ω) + 440 W x 1 (4 Ω)
2 Ch	440 W x 2 (4 Ω)

OUTPUT POWER (RMS) @ 14.4 VDC, THD 10%:

4 Ch	150 W x 4 (4 Ω)
4 Ch	250 W x 4 (2 Ω)
3 Ch	150 W x 2 (4 Ω) + 520 W x 1 (4 Ω)
3 Ch	250 W x 2 (2 Ω) + 520 W x 1 (4 Ω)
2 Ch	520 W x 2 (4 Ω)

CEA 2006-A RATINGS

RMS Power (4 Ω, ≤ 1% THD+N, 14.4 V):	110 W x 4 Ch
S/N Ratio (ref. 1 W output):	85 dBA



SIZE / WEIGHT

Max size (mm/in):	315 x 190 x 50 / 12.40 x 7.48 x 1.97
Weight (kg/lb):	2,73 / 6.01

1. Engineered and tested for the real environment of application (UV, salt-fog, vibrations, high/low temperature, thermal shock, dust).
2. Compact design built from extruded aluminium heatsink with top side ensuring effective heat transfer.
3. Latest generation D-Class 2Ω stable output stage ensuring very high power with an excellent S/N ratio.
4. Lo-Pass and Hi-Pass 12 dB adjustable (50 Hz to 3200 Hz) filters, providing the ability to build a two zone stereo or a single zone stereo system with subwoofer.
5. Bridge operation mode to drive a subwoofer or to create a powerful dual-mono system.
6. Bass Boost adjustable via selector, for more punch from speakers.
7. Special balanced input circuitry to reject electro-magnetic disturbances.
8. Hi-Level and lo-level inputs to be compatible with any source.
9. Short-circuit and thermal protections with auto resetting.

HI POWER
2 OHM STABLE

CORROSION RESISTANT

WATER JET RESISTANT

SALT FOG PROOF

INPUTS / OUTPUTS / FILTER

Inputs:	PRE IN / SPEAKER IN
Pre out FULL range (FRONT):	Yes
FRONT Ch. filters FULL:	Yes
Hi-Pass:	50 ÷ 3.2k Hz @ 12 dB/Oct
Lo-Pass:	50 ÷ 3.2k Hz @ 12 dB/Oct.
REAR Ch. filters FULL:	Yes
Hi-Pass:	50 ÷ 3.2k Hz @ 12 dB/Oct.
Lo-Pass:	50 ÷ 3.2k Hz @ 12 dB/Oct.
FRONT Ch. MONO (on/off):	Yes
REAR Ch. MONO (on/off):	Yes
BOOST 50 Hz (select):	(0 ÷ 12) dB

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CONFIGURATIONS

