

**POWER FOR THE WAVES THE PURE MARINE CERTIFIED PRODUCT**

# HCP 1MDK

MARINE D-CLASS MONO AMPLIFIER

**2480W**  
D-CLASS  
MAX POWER



Optional HRC (Hertz Remote Control)

## POWER SUPPLY

Power supply voltage / fuse:	11 ÷ 15 VDC / 3 x 30 A
Idling current (power ON/OFF):	0.8 A / 1 mA
Consumption @ 2 Ω, 14.4 VDC (Max Musical Power):	45 A
Remote In:	7 ÷ 15 VDC - 1 mA
ART:	Automatic Remote Turn-On/Off with Speaker-In

## AMPLIFIER STAGE

Distorsion - THD (100 Hz @ 4Ω):	0.25 %
Bandwidth:	10 ÷ 500 Hz
S/N Ratio (A weighted @ 1 V):	100 dB
Damping factor (100 Hz @ 4Ω):	> 100
Pre-In sensitivity:	0.2 ÷ 5 VRMS
Speaker-In sensitivity:	0.8 ÷ 20 VRMS
Load impedance (MIN)	2Ω

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

1 Ch	600 W x 1 (4 Ω)
1 Ch	1100 W x 1 (2 Ω)

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

1 Ch	740 W x 1 (4 Ω)
1 Ch	1240 W x 1 (2 Ω)

### CEA 2006-A RATINGS

RMS Power (4 Ω, ± 1% THD+N, 14.4 V):	600 W x 1 Ch	
S/N Ratio (ref. 1 W output):	80 dBA	

## SIZE / WEIGHT

Max size (mm/in):	315 x 190 x 50 / 12.40 x 7.48 x 1.97
Weight (kg/lb):	3,0 / 6,61

**HI POWER**  
2 OHM  
STABLE

**CORROSION  
RESISTANT**

**WATER JET  
RESISTANT**

**SALT FOG  
PROOF**

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. Special balanced input circuitry to reject electro-magnetic disturbances.
5. Hi-Level and lo-level inputs to be compatible with any source.
6. Adjustable Bass Boost (50 Hz) with continuity between 0 dB and 6 dB, for more punch from the subwoofer.
7. SUBSONIC filter (24 dB – 25 Hz), removes very low subsonic frequencies from music signal to prevent damage to the subwoofer.
8. Continuously adjustable PHASE control (0 to 180°); it optimizes alignment of woofer bass frequencies with sub ones.
9. Optional Remote Volume Control (HRC); providing the ability to adjust subwoofer volume level from the dashboard.

## INPUTS / OUTPUTS / FILTER

<b>Inputs:</b>	PRE IN / SPEAKER IN
<b>Pre out Hi-Pass:</b>	50 ÷ 250 Hz @ 12 dB/Oct.
<b>Filters FULL:</b>	Yes
<b>Lo-Pass:</b>	50 ÷ 250 Hz @ 24 dB/Oct.
<b>SUBSONIC (on/off):</b>	25 Hz @ 24 dB/Oct.
<b>BOOST 50 Hz (adjust):</b>	(0 ÷ 6) dB
<b>PHASE (adjust):</b>	(0 ÷ 180) deg
<b>Remote Volume Control (adjust):</b>	(-50 ÷ 6) dB

## CONFIGURATIONS

