

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

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

CONFIGURATIONS

