

# HCP 2MX

MARINE STEREO AMPLIFIER

800 W max



Power Supply	
Power supply voltage / fuse:	11 ÷ 15 VDC / 2 x 20 A
Idling current (power ON/OFF):	0.6 A / 0.4 mA
Consumption @ 2 Ω, 14.4 VDC (Max Musical Power):	20 A
Remote In:	7 ÷ 15 VDC - 1 mA
ART:	Automatic Remote Turn-On/Off with Speaker-In

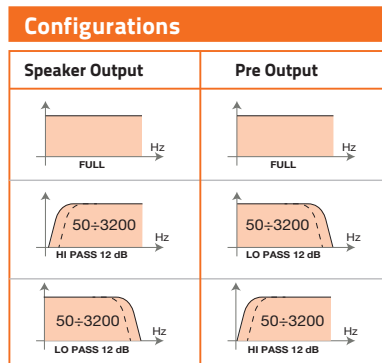
Amplifier Stage	
<b>Features:</b>	
Distorsion - THD (100 Hz @ 4 Ω):	0.03 %
Bandwidth:	10 ÷ 65k Hz
S/N Ratio (A weighted @ 1 V):	105 dB
Damping factor (100 Hz @ 4 Ω):	300
Pre-In sensitivity:	0.2 ÷ 5 VRMS
Speaker-In sensitivity:	0.8 ÷ 20 VRMS
Load impedance (MIN) @ 2 Ch:	2 Ω
@ 1 Ch:	4 Ω
<b>Output Power (RMS) @ 14.4 VDC, THD 1%:</b>	
2 Ch:	100 W x 2 (4 Ω)
2 Ch:	160 W x 2 (2 Ω)
1 Ch:	320 W x 1 (4 Ω)

<b>Output Power (RMS) @ 14.4 VDC, THD 10%:</b>	
2 Ch:	120 W x 2 (4 Ω)
2 Ch:	200 W x 2 (2 Ω)
1 Ch:	400 W x 1 (4 Ω)
<b>CEA 2006-A Ratings:</b>	
RMS Power (4 Ω, ≤ 1 % THD + N, 14.4 V):	100 W x 2 Ch
S/N Ratio (ref. 1 W output):	83 dBA



Inputs / Outputs / Filter	
<b>INPUTS:</b>	PRE IN / SPEAKER IN
<b>Pre out FULL:</b>	Yes
Hi-Pass:	50 ÷ 3200 Hz @ 12 dB/Oct.
Lo-Pass:	50 ÷ 3200 Hz @ 12 dB/Oct.
<b>Filters FULL:</b>	Yes
Hi-Pass:	50 ÷ 3200 Hz @ 12 dB/Oct.
Lo-Pass:	50 ÷ 3200 Hz @ 12 dB/Oct.
<b>MONO (on/off):</b>	Yes
<b>BOOST 50 Hz (select):</b>	(0 / 3 / 6) dB

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.



Size / Weight	
<b>Max size (mm / in.):</b>	315 x 190 x 50 / 12.40 x 7.48 x 1.97
<b>Weight (kg / lb.):</b>	2,57 / 5.66