



# **poly-planar<sup>®</sup>**

**WATERPROOF MARINE AUDIO SYSTEMS**

## **ME-400 Marine Amplifier**

The ME-400 Four Channel, marine grade amplifier provides 400 watts of crisp, clean audio power. The amplifier can be easily configured to enhance your listening pleasure. Both cross-over circuits and high pass and low pass filters are fully adjustable so you can power your subwoofer as well as your standard speakers. Gold plated connections resist corrosion. Rubber mounting feet isolate vibration. Efficient heat sink design ensures uninterrupted operation. Built from the ground up to withstand the rigors of the marine environment, the ME-400 will be an outstanding addition to your vessel's audio system.



### **FEATURES**

- **Circuit board and connectors optimized for marine use**
- **Mosfet PWM power supply**
- **2 ohm stable stereo outputs**
- **Bridgeable outputs**
- **Variable input level controls for each pair of channels**
- **Variable High-pass, Low-pass and All-pass crossover.**
- **Variable Bass Boost circuit**
- **Thermal and overload protection circuitry**
- **Gold-plated RCA jacks and terminals**
- **Rubber isolation mounting feet**

### **Specifications:**

- **Rated Power @4ohm , THD 1%----- 100W x 4CH**
- **Rated Power @2ohm , THD 1%----- 150W x 4CH**
- **Rated Power @4ohm Bridged, THD 1% ----- 300W x 2CH**
- **Maximum Output Power----- 800W**
- **T.H.D @4ohm ----- 0.05%**
- **T.H.D @2ohm ----- 0.08%**
- **T.H.D @4ohm Bridged----- 0.1%**
- **Frequency Response @-1dB ----- 10Hz ~ 35KHz**
- **Signal to Noise Ratio @ A weighted----- >90dB**
- **Input Sensitivity----- 200mV ~ 6.0V**
- **Input Impedance ----- 20Kohm**
- **Low Pass Filter----- Variable 40Hz ~ 250Hz**
- **High Pass Filter----- Variable 40Hz ~ 250Hz**
- **Bass Boost @45Hz ----- 0 ~ 18 dB**
- **Fuse Rating ----- 20A x 2**
- **Dimensions ----- Length - 16.375" (415mm)  
Width - 9.5" (240mm)  
Height - 2.25" (55mm)**