

# **RC15xx**

## **MECHANICAL INSTALLATION**

### **Installation of Console** (Refer to Furuno USA A2 Console Drawing, Pgs. 2-2 and 2-3)

The A2-15xx Console was designed to be mounted by two methods. The first would be to fasten the unit to a desk or table using the four (4) mounting holes in the base of the cabinet. These mounting holes will accept 1/4" fasteners.

The second method is to use the optional Tilt Base (RC1-500-088) mounting. Six holes are provided in the Hold Down brackets for 1/4" fasteners to secure the console.

Regardless of which mounting method used, the unit should have at least 3 inches clearance between the louvered back panel and the bulkhead. This clearance is necessary for access and ventilation.

### **Grounding** (Refer to A2-1515 and A2-1525 Power Connection Drawing, Pg. 3-3)

A 1/4" fastener has been provided for grounding purposes. This ground connection is located on the A2 Panel, below TB2. This is provided to assist in properly grounding the console, and is the console's connection to the electrical and RF grounding of the ship.

The grounding should be **copper ground strap** such as that used in the antenna grounding system. The ground strap should be bolted to this location, to produce a good RF ground connection. Improper grounding will cause many problems in the system operation. Careful planning and implementation is required to produce a high quality installation.

### **Power Supplies, Batteries and Battery Charger**

1. Mount PR850A.
2. Mount the batteries in an appropriate container or rack (see manufacturers recommendations). Console current requirements can be found on A2-15xx Battery Requirements (see Pg. 2-4).
3. Mount the battery charger (see manufacturers recommendations).