



LIMITED TWO YEAR WARRANTY

Bass Products, Inc., (Bass) warrants that its products will be free from defects in material and workmanship under normal use and service for a period of two years from the date of sale to the original consumer purchaser.

Light bulbs, fuses and damage caused by improper installation, maintenance, misuse, abuse, neglect or accident are not included.

This written limited warranty is the only warranty. Any implied warranties, including warranties of merchantability or fitness for a particular purpose are limited to the duration of the limited warranty. Bass will not be liable for any incidental or consequential damages related to the sale or use of its products. Some states do not allow limitations on how long an implied warranty lasts or the limitation of incidental and consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights. You may also have other legal rights which vary from state to state.

HOW TO GET WARRANTY SERVICE

If you believe a product is defective within the warranty period, return it insured and transportation charges paid to Bass Products, Inc., 50 Grove Street, Salem, MA 01970. You must provide proof-of-purchase to exercise your rights under the warranty. Bass will repair or replace (at its option) and return to you without charges in the continental United States, any of its products which prove upon examination by Bass to be defective within the terms of the warranty.

DESCRIPTION: The 96-1140 is an AC circuit breaker panel with a main breaker and up to three branch breakers. The breakers provide on-off switching as well as overcurrent protection for the branch circuits. A red light next to the main breaker warns the operator of an unsafe reversed polarity condition.

STANDARDS: The installation of this panel should be in accordance with the most current revision of ABYC (Standards and Recommended Practices for Small Craft) standard E-8 *Alternating Current (AC) Electrical Systems on Boats*, which may be purchased from:

American Boat and Yacht Council, Inc.
3069 Solomon's Island Road
Edgewater, MD 21037
Phone: (410) 956-1050
Fax: (410) 956-2737

This standard may be available at your library. If this standard is unavailable or the installer is otherwise unsure of proper practice, seek competent professional help.

GENERAL INFORMATION: All circuit breakers used on these panels are of a "trip-free" design and cannot be manually held ON to override the current-interrupting mechanism when in an overload condition.

This panel and its components are not ignition-protected and should not be installed in an explosive atmosphere or any other environment where ignition protection is required.

This and all other instruction sheets and diagrams should become part of the boat owners manual or ship's papers.

PHYSICAL INSTALLATION:

STEP 1. MOUNTING: The 96-1140 is 5.5" wide and 5.25" high. The recommended cutout for mounting is 4.5" wide x 4.25" high. Allow a minimum 3.5" depth behind panel for components and wiring. After electrical installation is complete, mount panel with matching screws supplied.

STEP 2. LABELING: This panel comes with 60 of the most common legends on label sheet #79-7111. The labels have a pressure sensitive adhesive backing. Apply as required. If panel includes the branch circuit indicator light option, use a standard 1/4" hole punch to make a hole in the left side of the label for the LED.

ELECTRICAL INSTALLATION: Follow steps in order.

STEP 1. DISCONNECT POWER before installation! Disconnect all sources of AC power including shore cords, generators and inverters. Verify with voltmeter!

STEP 2. AC POWER SOURCE CONNECTION:

Connect CB1-D to AC source ungrounded "hot" conductor (black).

Connect CB1-B to AC source grounded "neutral" conductor (white).

Connect panel GND terminal to installer supplied AC ground bus and from there to AC source "grounding" conductor (green).

Usually these connections are made to a 30A, 120V AC shore inlet, as shown.

STEP 3. AC BRANCH CIRCUIT CONNECTION:

Connect branch circuit "hot" (black) wires to terminal "B" of the respective branch circuit breakers.

Connect branch circuit "neutral" (white) wires to terminals on the panel neutral bus.

Do not use the bus mounting screws for any electrical connections. Conductors can be doubled up under any of the other screws if necessary. A separate AC neutral bus may be used to reduce wiring to the panel.

Connect branch circuit "green" wires to an installer supplied grounding bus that is also connected to the panel grounding terminal and the engine negative ground.

Note: Panel shown is 96-1140K. Your configuration may be different.

STEP 4. BRANCH CIRCUIT LED'S (OPTIONAL):

Branch circuit indicator lights are amber, 120VAC unless otherwise specified. They are prewired to push-on terminals on the load side of the branch breakers and operate when the breaker is energized. Use 1/4" hole punch for labels.

STEP 5. RE-CONNECT POWER: Re-connect AC power sources.**REVERSED POLARITY INDICATOR LIGHT:**

WARNING!! The red "Reversed Polarity" light indicates that the "polarity" of the AC power coming aboard via the shore power cable is reversed. **If this light is "ON" disconnect the the shore power cable immediately!** Failure to do so could result in an unsafe operating condition potentially hazardous to on-board personnel. Seek competent professional assistance in correcting the polarity problem.

Note: The polarity light and polarity sensing main ("P" option) will only respond if there is continuity of the grounding conductor to shore. Never defeat the grounding conductor!

