



# Installation and Troubleshooting Guide



NOTE: This installation is to be completed by an Authorized Dealer or Professional Service Technician. For questions regarding installation or warranty, call CDI Tech Support at 866-423-4832. **Do not return to the Dealer or Distributor where the part was purchased. Contact CDI Electronics Directly for Return Material Authorization.**

## CDI P/N: K11-0101 MARINE LED Acrylic Beverage Holder

**NOTE: ALL WIRING IS DONE ACCORDING TO ABYC STANDARDS.**

### INSTALLATION

1. Verify the boat is equipped with a RGB Controller. If not, one will be needed for the installation.
2. Verify the pinout and function of the RGB Controller as compared to the pinout listed below. You may have to change the pins to match your RGB Controller. We do recommend the K12 Series RGB Controllers. Please visit <http://www.cdielelectronics.com> for additional information.

3. Input wiring and function (Note-Pin locations are on the edge of the connect beside the wires going in):

| Pin #     | Wire Color | Function                            |
|-----------|------------|-------------------------------------|
| 1. Red    | Red        | Color Input from RGB Controller     |
| 2. Yellow | Green      | Color Input from RGB Controller     |
| 3. Blue   | Blue       | Color Input from RGB Controller     |
| 4.. Black | Input      | 12V B+ Positive from RGB Controller |

4. Remove the existing cup holder from the desired location, retaining the drain tube (if present in the boat).
5. If there is no existing cup holder in the location, you will need to drill one with a 3-1/2" to 3-5/8" diameter. Use the diameter of the cup Holder as a guide for the hole size. Bear in mind, you will also need to route the wiring from the RGB Controller to the new location.
6. Connect the drain tube to the water drain of the Holder (if present in the boat).
7. Clean the area around the desired location to remove any residue.
8. Connect the 4 Pin input from the Cup Holder to the RGB Controller's connector in the desired location. Verify operation of the new Cup Holder. If it does not perform correctly, verify wiring and pinout between the RGB Controller and the Cup Holder.
9. Use a bead of waterproof sealant around the bottom inside of the lip.
10. Install the new K11-0101 LED Beverage Holder into the desired location, pressing firmly to seat the sealant.
11. Clean the excess sealant around the outside of the cup holder.

### SERVICE NOTE: MATING AMPHENOL CONNECTORS/TERMINALS PER UNIT

| QTY | FUNCTION   | PART NUMBER  |
|-----|------------|--------------|
| 1   | SHELL      | AT06-4S      |
| 1   | WEDGE LOCK | AW4S         |
| 4   | TERMINALS  | AT62-16-0122 |

CDI Electronics • 353 James Record Road SW • Huntsville, AL 35824 USA  
Web Support: [www.cdielelectronics.com](http://www.cdielelectronics.com) • Tech Support: 1-866-423-4832 • Order Parts: 1-800-467-3371  
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