**Built tough to withstand the harsh marine enviroment and backed by a <u>5 Year Warranty</u>. 123 dB(A) rating. 24 volt, pre-wired, dual tone trumpet horn with sealed sound units. 100% stainless steel exteriors with 304 stainless steel diaphragms.**

For a *FREE* catalog of Marinco Recreational Group products, contact your local dealer or Marinco.

*For more information and installation guides visit our website: www.marinco.com*

## Marinco

# INSTALLATION AND WIRING INSTRUCTIONS

## INSTALLATION:

1. Select an installation position on the boat where a minimum of spray will hit the horn when the boat is underway.

2. At the same time, select an installation position which will assure the shortest possible length of wire from the horn to the power source.

3. Use the holes in the bracket as a template for the location of the mounting points and drill holes for the bracket and wiring.

4. Insert wiring through the deck, then install the bracket to the deck surface. **Be sure the trumpets point slightly downward to permit water drainage.** Caulk all installation holes with silicone sealer.

## WIRING:

1. Connect wiring as illustrated in the diagram.
2. Cut wires of sufficient length to avoid any tension at the connecting points.
3. Use flexible stranded wire of sufficient size as per wiring chart.
4. If horn volume is weak, recheck wiring connections and ground wire. If horn does not work at all, check the fuse.

## RECOMMENDED WIRE SIZES
## FOR 24 VOLT OPERATION
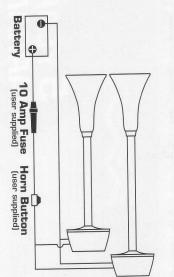
| Wire Length** | Wire Size | Wire Length** | Wire Size |
|---|---|---|---|
| 0-50 feet | 16 AWG* | 0-15 meters | 1.5 mm |
| 51-80 feet | 14 AWG | 16-24 meters | 1.9 mm |
| over 80 feet | 12 AWG | over 24 meters | 2.3 mm |

\* AWG: American Wire Gauge

\*\* As measured from the battery to the horn and back to the battery (round trip).

Horn wiring has no polarity, negative or positive can be attached to either wire.



Battery

10 Amp Fuse
[user supplied]

Horn Button
[user supplied]