

**Dual trumpet horn with sealed sound units. 110 dB(A) rating at one meter. 100% stainless steel exterior. 304 stainless steel diaphragms. 12 volt, pre-wired.**

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Made in Japan  
16011 (07/01)  
Product No. 10011



**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. Caulk all installation holes with silicone sealer. *The trumpets should point slightly downward to permit water drainage.*

**WIRING:**

1. Connect wiring as illustrated in the diagrams.
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 12 VOLT OPERATION**

Wire Length**	Wire Size	Wire Length**	Wire Size
0-25 feet	14 AWG*	0-8 meters	1.9 mm
26-40 feet	12 AWG	9-12 meters	2.3 mm
41-60 feet	10 AWG	13-18 meters	3.0 mm
over 60 feet	8 AWG	over 18 meters	4.0 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.

