

# Columbia Boat Alarms, Inc.

## Installation of the Cable Wrap Sensor for Model 411

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## **Cable Wrap Module**

**The cable wrap module is mounted inside the boat where it is not accessible from outside the boat. Mount the module for easy access to the cable connections.**

**This is a photo of the cable wrap module.**



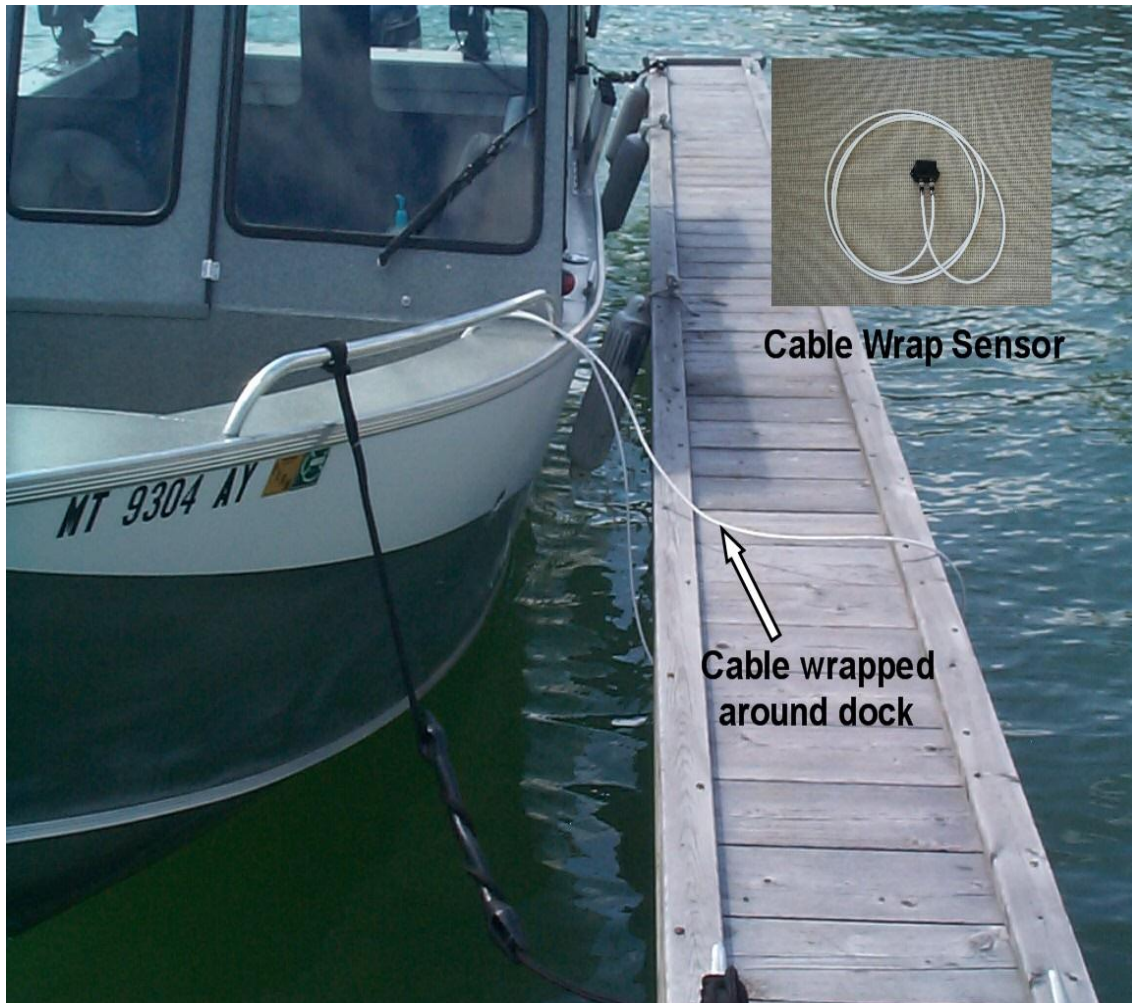
**The two black wires are usually connected in series to alarm zone 1. Note the wiring diagram below. The cable wrap wires are marine grade wire. The**

**cable connections are standard stainless steel “F” style connectors that are common on television sets. The cable first connects to one of the cable connectors on the module. The cable passes out of the boat and is threaded through the item to be protected and then back into the boat. The loose end of the cable is connected to the second cable connector on the module. If the cable is cut or disconnected the active alarm will trigger the siren.**

**This boat motor is protected with the cable wrap.**



**This boat is tethered to the dock with a cable wrap.**



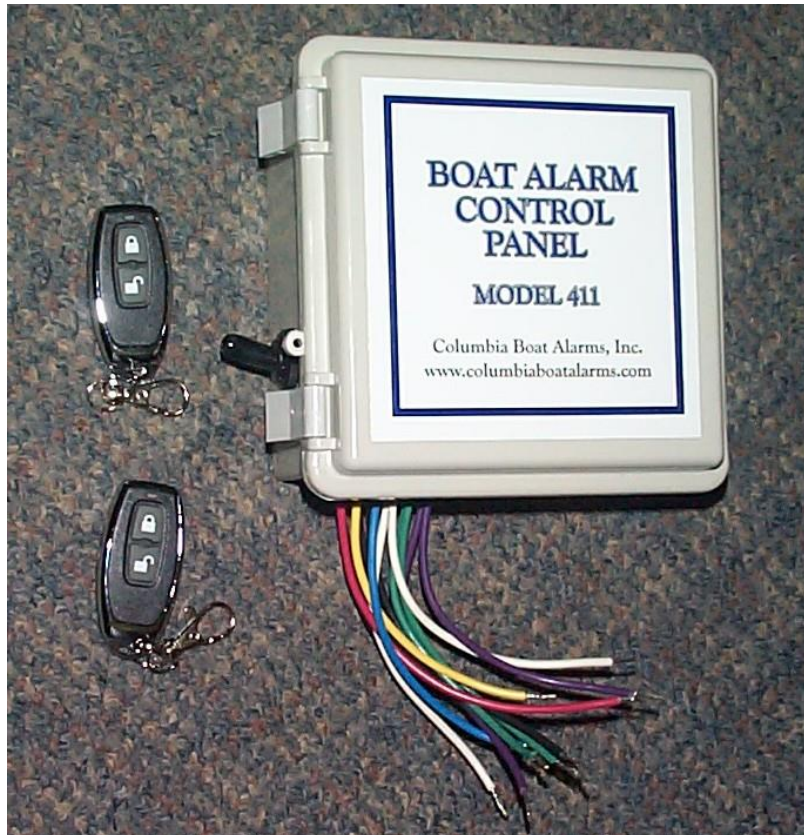
**The cable wrap can be used to tether the boat to the boat trailer or any other solid object. It is a very versatile sensor.**

**A photo of the cable wrap cable.**



# Wiring the Model 411 Alarm control to the Cable Wrap Sensor

**A photo of the Model 411 alarm control**



Review the Recommended Wiring Procedure for this alarm before wiring Cable Wrap sensors to the alarm panel.

**Cable wrap sensors can be wired to zone 1 or zone 2 along with other normally-closed sensors such as hatch sensors. Other normally-closed sensors such as motion detectors can also be wired in series with the cable wrap.**

### **Keep in mind!**

**The cable must be connected to the cable wrap module or the alarm control will trigger the siren. The intruder will most likely run when the siren sounds. The cable will still be disconnected and the alarm control will continue to sense the disconnected or cut cable.**

**Zone 1 will sound the siren only one time and then zone 1 becomes inactive. If the cable wrap is connected to zone 2 then the alarm control will sound the siren for two minutes when the cable is disconnected. After one minute pause the siren will again sound for two minutes. Zone 2 will**



**sound the siren three times before it becomes inactive.**

**Zone 1 is the preferred zone to connect the cable wrap sensor. Zone 2 sensors then will continue to provide alarm security.**