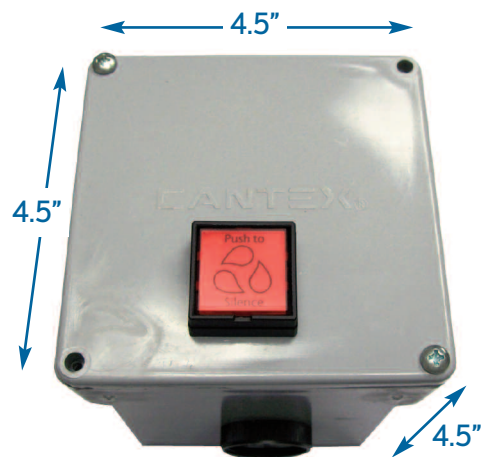


Technical Data Sheet

RAL-01: IPC Panel Remote Alarm

The Aquaworx Intelligent Pump Controller (IPC) Panel Remote Alarm is a separate audio and visual alarm for the control panel. It will provide the same alarm sequence as the alarms on the main enclosure. When the push to silence is activated at either location, both audio alarms will be silenced. Wiring to the remote alarm is accomplished by creating a parallel circuit to the light and buzzer in the control box. The remote alarm can be located up to 2000 feet away from the main control box.



Instructions

Use 18 to 20 gauge direct bury, five wire cable.

Do not run the low voltage signal in the same conduit as the Power to Pump.

1. A 5 wire cable (18 to 20 gauge) may be used to provide the link between the remote alarm and the control panel. (Similar to the wire used to connect a irrigation system). We will call this our jumper cable. You may wish to remove the assembly while wiring the remote push to silence (PTS). To remote assembly from light: Remove yellow cap on top of the assembly by sliding up. Slide the steel lever to the left and pull back on assembly.
2. Connect a wire to the open position on the top of the PTS (red wire on panel harness). Run this wire and terminate on the top of the remote PTS. A small jumper wire must then be connected to the top two positions on the PTS (just like the PTS in the controller).
3. Repeat this wiring procedure for the blue and green wires on the PTS (no jumper required here).
4. Disconnect the red and white wires from the audible alarm in the control panel. Cut off the existing spade lugs. Connect each of these wires to a wire from your jumper cable and terminate that wire at the respective position on the remote audible alarm using the supplied connectors.

The system will now alarm at both locations and you will be able to silence the alarm from either location. For further assistance, please call 860.577.7000.