

# TCL, PHX & PHXF SERIES - Static Message Smart Signs

## Wiring Instructions

### Voltage

This sign operates within an input range of 120VAC to 277VAC.

**IMPORTANT:** Complete the Smart Sign Install Log before installing each Smart Sign.

How to complete the Smart Sign Install Log:

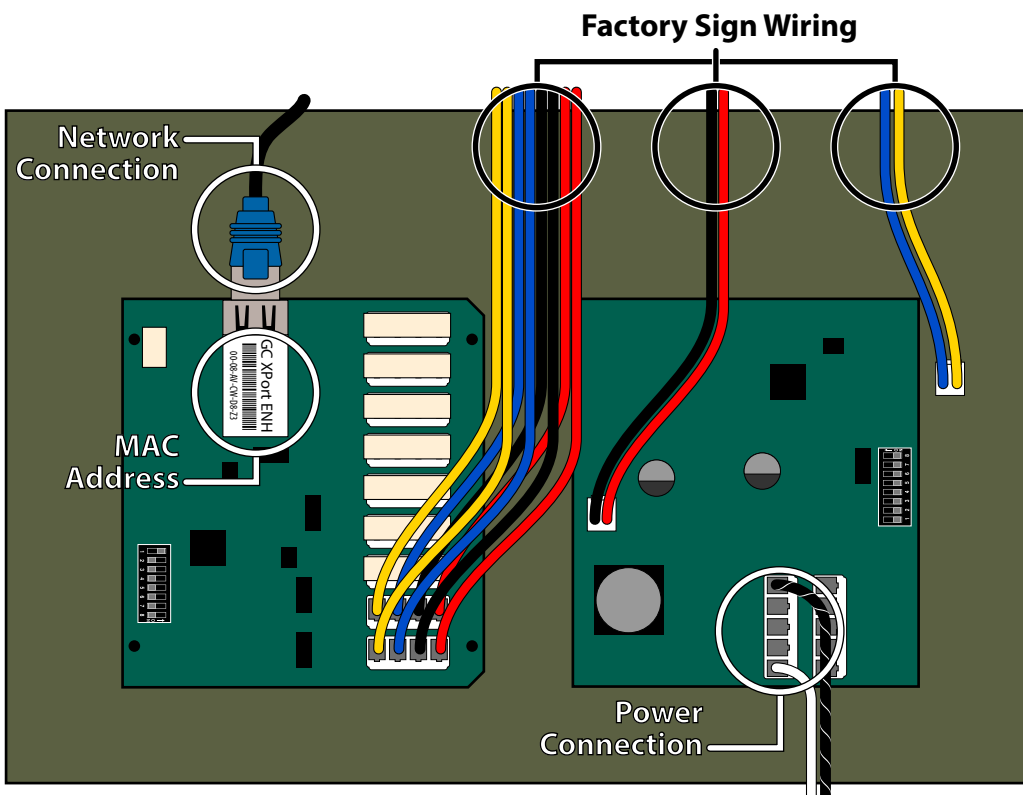
1. Write in the Facility Location
2. Write in the specific sign location at the facility
3. Remove the Product ID# and MAC address sticker from the inside sign and place next to the sign location on the chart
4. Repeat for each Smart Sign being installed at that facility location

**Completing the Smart Sign Install Log is CRITICAL to proper Smart Sign and Sign Control Software setup and configuration.**

Installation Setups:

1. Turn off the power prior to starting the installation
2. Follow the standard wall mount instructions to attach sign to the structure
3. Connect the Ethernet network connection and power connection to the sign shown below
4. Sign will not illuminate until schedule is set up in the software or a manual override message is sent to the sign

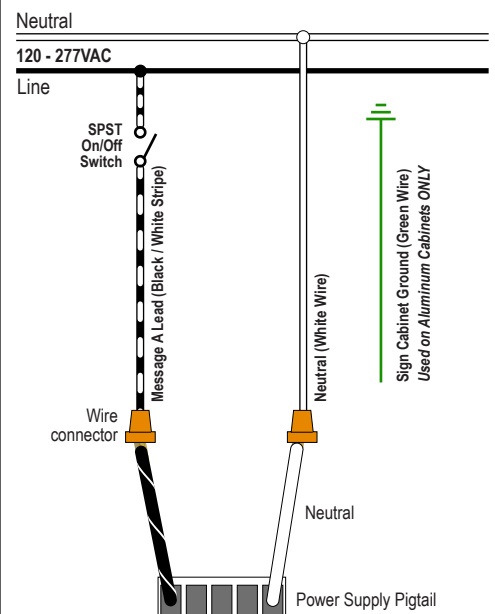
**Note:** For messages to display on the sign, the network DHCP must be set before power is restored to the sign. If power is restored prior to this occurring, the sign power MUST be recycled for the network to recognize the sign.



### Typical Smart Sign Wiring Diagram

• Wire color Black/White Stripe

Input range of 120 to 277VAC

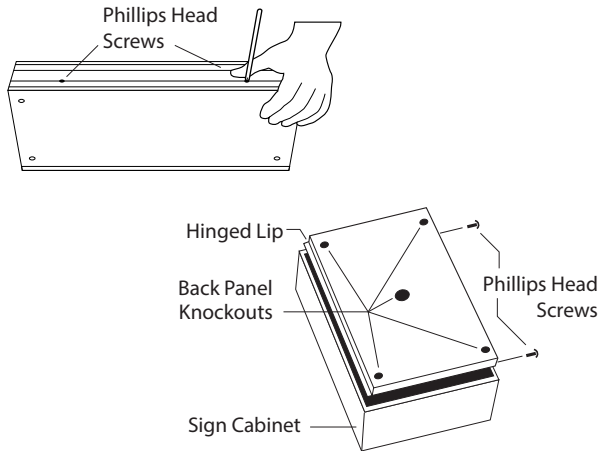


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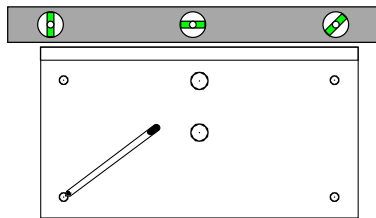
## Installation Instructions

### Installation Steps

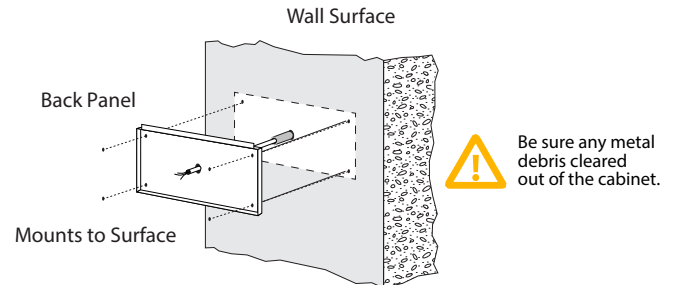
1. Using a Phillips head screw driver, remove the two screws on the bottom of the cabinet. With the screws removed the back will lift off the cabinet. Remove the four mounting knockouts and the center knockout for your power conduit.



2. Place the back panel on the wall surface using a level to make sure it's straight. Use a pencil to mark the locations of the mounting holes on your wall surface. Drill your wall surface. The diameter of the (4) four corner mounting knockouts is 1/4" and the conduit knockout is 7/8".



3. Pull your electrical through the back panel and attach the back to the wall surface using appropriate fasteners.



4. Make your electrical wiring connections. See the other side of this page.

5. With the electrical connections made, hang the sign cabinet on the lip of the back panel you mounted to the wall. Finish your electrical connection to the sign by reinstalling the pigtail connector to the power supply. The connector is "keyed" and can only be installed in one orientation. Close the cabinet and replace the two Phillips head screws you removed in step one.

