

# Hort Americas

## **Autopilot PX2 Modifications**





To use the PX2 with GE light fixtures you must first modify the included cable to work with the standard 0-10V wiring. This can be done with either cable, we used the RJ cord here. There are only two internal wires. These coordinate as: Brown = Lavender and White w/ stripe = Grey





Remove the dimming box cover being careful to not lose the tiny screws. I leave one loosely in place to retain the cover. Strip the shrink tubing covering the wires to access the lavender(purple) and grey dimming leads. Leave the remaining wires covered.

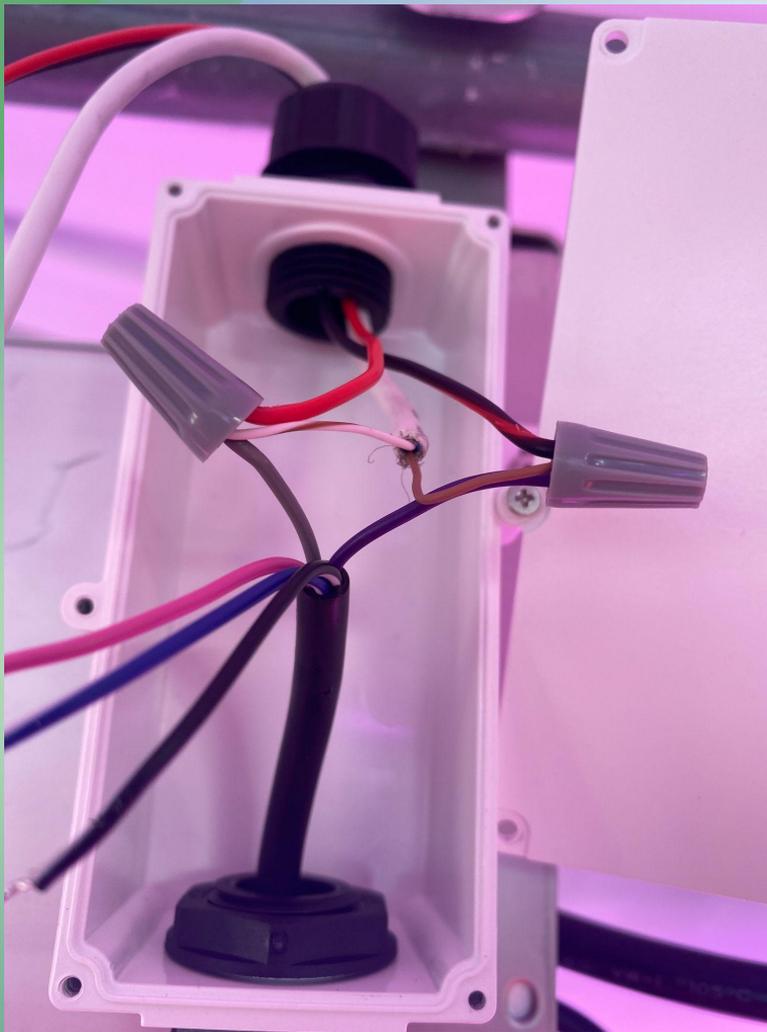




Loosen the cap and remove the plug to allow the cords to be inserted into the box. Be sure to thread the wires through the screw cap first.

You will need to insert the PX2 cord and two small wires for the daisy chain. We are using dual speaker wire here. If only connecting one fixture the speaker wire is not needed. Screw cap back on the box.





Use small wire nuts to connect the brown and one of your daisy chain wires to the lavender wire and the white and the other daisy chain wires to the Grey wire.





You will want to continue to connect the same color wire to the coordinating dimming wire as you continue the daisy chain. You can connect up to 25+ fixtures for each of the two channels. Once all connections are completed replace the covers on the junction boxes.





For the Lynk2 fixtures the leader cable has 4 wires. The black and white are for the power supply and will either be wired into a junction box or a plug. The dimming wires should be connected in the same arrangement as before. Lynk2 fixtures will dim from 10-100% but not off.



## INSTRUCTIONS

### ANALOG/DIGITAL SETUP

Before starting the display setup, you must complete the **Analog/Digital** setup.

1. Using a pen or other small object, press the recessed **SET** button (1) to cycle through the following options.



#### ANALOG SETUP:

Each zone can support a maximum of 50 HID fixtures (without repeater) or 500 fixtures with repeater bus, based on specified connection way. Each zone can support 25–50 LED fixtures.



#### DIGITAL SETUP:

Each zone can support a maximum of 256 HID digital (RS-Protocol) fixtures.



#### ANALOG AND DIGITAL SETUP:

Zone A = Analog  
Zone B = Digital



### SYSTEM SETTINGS

The **Systems Settings** screen is where the controller's overall setting are defined for both zones.

1. Press **▶** to cycle to the **SYSTEM SETTING** menu.
2. Press **◀** to highlight the value you want to change. Press **▶** or **◀** to select the correct setting, then press **✓** to confirm.



Once all fixtures are connected you will need to ensure the Controller is set to Analog and the fixture type is set to “Uni-LED(0-10V)”. Then you can continue to follow the manual for setting your schedules. Connect your temperature probes and your system is now ready to use.



## Additional Information



Depending on your installation you may also want to add plugs to your fixture pigtail to allow for connection to a standard wall outlet. Alternately fixtures can be connected to a junction box by an electrician.

