

HLG RJ12 Controller Capable Dimming

(Manual Dimmer Replacement)

Replacing the manual dimmer to a controller capable RJ12 jack on your HLG 650R, HLG 600, and HLG Scorpion.

Make sure your unit is disconnected from any power source and waiting at least 30 seconds for the unit to de-energize before making any changes to the unit.



Disconnecting the Dimmer Box

Unscrew the four corner screws of the potentiometer box and pull up gently to remove the lid.



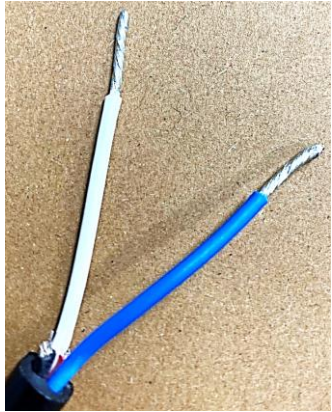
Disconnect the Wagos from the wires of the driver by lifting the orange arm to a 90-degree angle to release the wires.

Inventronics drivers will have a purple (Dim+) and a gray (Dim-) wire. Meanwell drivers will have a black (Dim+) and red (Dim-) wire.

Remove the manual dimmer box from the fixture by pulling upward to unsecure the adhesive.

Attaching the RJ12

Mean Well Driver



Meanwell drivers will have a blue (Dim+) and white (Dim-) wire.

These will be connected to the RJ12 jacks as follows:

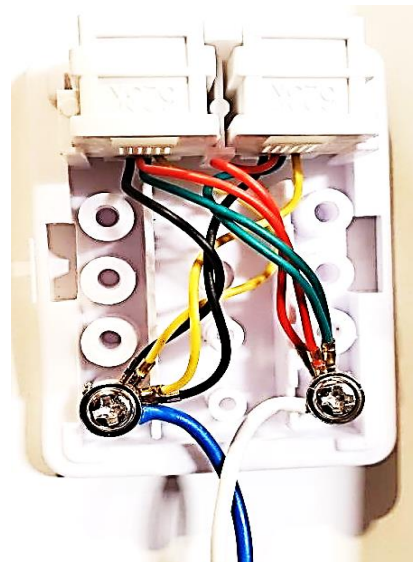
Slightly loosen the screws so they are not completely removed.

Connect the hooked blue (Dim+) wire to the screw connected to the black and yellow wires.

Connect the hooked white (Dim-) wire to the screw connected to the red and green wires.

Adjust the wires to where they will come out of the small hole on the front of the cover.

Replace the cover and attach to the fixture.



You will need to create a "hook" at the end of the wires.



Inventronics Driver



Inventronics drivers will have a purple (Dim+) and a gray (Dim-) wire.

These will be connected to the RJ12 jacks as follows:

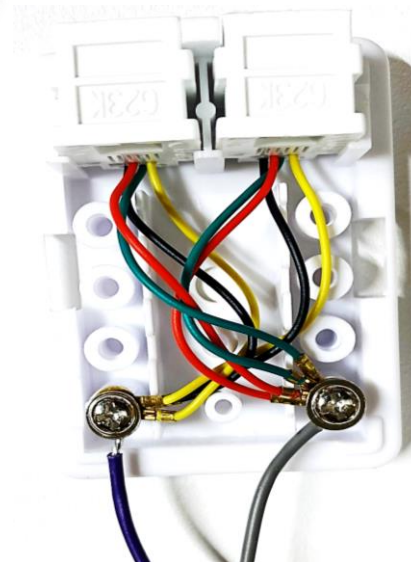
Slightly loosen the screws so they are not completely removed.

Connect the hooked purple (Dim+) wire to the screw connected to the black and yellow wires.

Connect the hooked gray (Dim-) wire to the screw connected to the red and green wires.

Adjust the wires to where they will come out of the small hole on the front of the cover.

Replace the cover and attach to the fixture.





**Horticulture
Lighting Group®**

Horticulture Lighting Group
752 North State St. #208
Westerville, OH 43082

1-877-4HGLLED
(1-877-445-4533)

contact@hlg.com