

# AUDACY®

## ELC1900 (LVDC-LOAD-10) INSTALLATION INSTRUCTIONS

**PARTS REQUIRED:**  
ELC1900 (LOAD CABLE)

**TOOLS REQUIRED:**  
WIRE STRIPPERS  
#2 PHILLIPS SCREW DRIVER

Figure A



**THIS WILL SHOW THE INSTALLATION OF THE LOAD CABLE WITHIN THE JUNCTION BOX**

1. Locate the Junction Box and open the front cover on the housing by lifting the tab that is shown in Figure B.

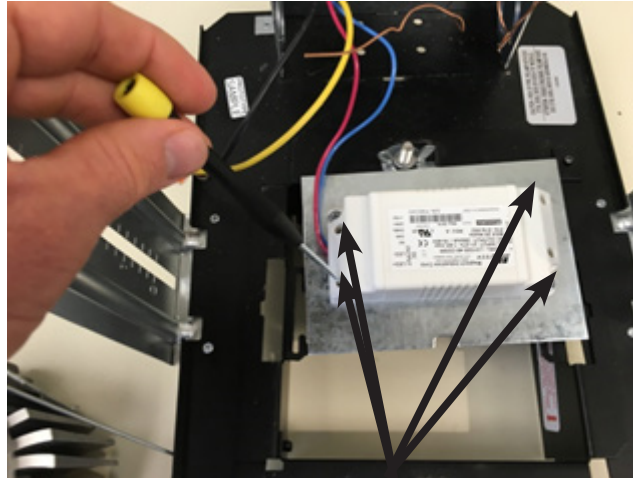


Figure B: Showing the Tab that opens and closes the front cover which holds the LED Driver.

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Figure C



2. Using a Philips screw driver remove the four screws from the LED Driver covers, to expose connectors for power connections.
3. Remove the covers and save the screws and covers. See Figure D.
  - These will be reused to cover the connections after inserting the wires.



Figure D: Covers are removed from the LED driver to expose the power connections

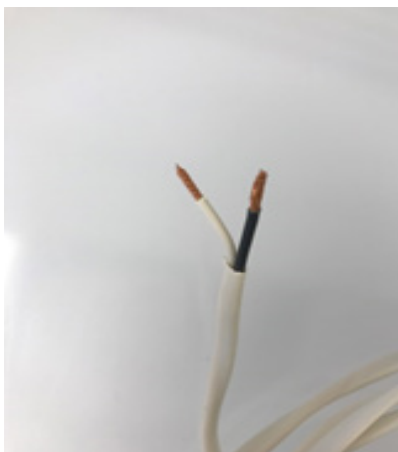


Figure E: Load Cable separating the wires that will be connected to the LED driver

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Figure F: Showing load cable in the junction box

- After opening up the LED Driver, insert the load cable through the supplied grommet in the junction box. See Figure F.



Figure G: Showing the connections of the load cable to the LED driver.

- In Figure G the black and white wires from the load cable are connected to the DC power input of the LED Driver.
- In this configuration the BLACK wire needs to be connected to the POSITIVE (+) terminal, and the WHITE wire needs to be connected to the NEGATIVE (-) terminal. See table below for the connections of these wires.

- Using the table below, connect the wires from the load cable to the LED Driver.

WIRE FROM THE LOAD CABLE	LED DRIVER
White	Negative DC Input Power Terminal
Black	Positive DC Input Power Terminal

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Figure H



6. Re-attach the covers that protect the power and dimming terminals, and press all of the wires into the bottom of the junction box. See Figure H.

Figure I



7. Re-insert the lower tongue into the LED Driver metal enclosure and carefully press the LED Driver enclosure closed to secure the housing and complete the installation. See Figure I.