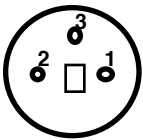


Aurora Design NE-1 Quick Start Guide

This Quick Start guide is designed to help you get the neon driver connected and operating in a minimum of time. Please follow the step-by-step procedure outlined below:

- 1) First, the internal current limit switches need to be set to match the maximum current rating of the neon lamp. If in doubt, try to use the lowest setting that still gives an acceptably bright image. Remove the two screws from the bottom of the unit, and set the switches according to the label on the bottom of the unit. Replace the screws.
- 2) The NE-1 driver comes with a 3 pin Mini-DIN connector that connects to the neon lamp. You need to wire pin 1 and 2 to the neon lamp using wire rated for at least 350V.



- 1 - High Voltage Power
- 2 - Current Output
- 3 - Ground

CAUTION! HIGH VOLTAGE!
350VDC 66ma
Do not contact bare pins or wire.

- 3) A video source conforming to 1Vpp driving into 75 ohms, containing only the luminance information (no syncs or chroma) should be DC coupled to the Video Input jack. 0.0V represents black while 1.0V represents peak white. If you are using the NE-1 with a WC-01 World Converter, simply plug the included cable into the Video Input on the NE-1 and the Mechanical RGB Output on the WC-01.
- 4) A DC power source from 10V to 20V needs to be supplied to the Power Input connector. This is a standard 2.1mm X 5.5mm power connector. If using the NE-1 with the WC-01 World Converter, simply plug the included cable into the Power Input jack on the NE-1 and the Switched Power output on the WC-01. Note, the ends of this cable are not the same. The one that goes into the WC-01 is 2.5mm X 5.5mm, so the cable will only plug in one way.
- 5) With everything connected, makes sure video is being supplied and turn the power on. If used with the WC-01 World Converter, make sure to enable the Switched Power output for the standards you will be using. Please refer to the WC-01 User Manual for more information on how to enable Switched Power.
- 6) The neon lamp should now be flickering. If the wrong side of the plate, or the wrong plate is illuminated, reverse the leads to the neon lamp.