

PROCHRONO™ Indoor Lighting System

model# CEI-4100

Setup & Operation Guide

This indoor lighting system provides optimum lighting conditions for operating any ProChrono chronograph. It utilizes 72 infrared LEDs which emit light that cannot be seen by the human eye.

Licensed under United States patent number 6,414,747.

Features

- Portable and fast setup, just mount the light arcs and connect power.
- Patented electronic design eliminates light bulbs
- Red LED "ON" indicator lights
- Works with all ProChrono models
- Dual voltage AC adapter included
- Will operate on a 24volt DC source (ex. two 12 volt batteries wired in series)
- Packing box designed for storage and transport
- Individual replacement parts available
- 2 year warranty



Specifications

- Adapter Input - 120/240 VAC 50/60Hz
- Light Arc Input/Adapter Output - 24 VDC 200mA
- Power Consumption - Approx. 200mA (100 mA per arc)

Setup

Remove the two light arcs from the box and check the ends to find the power receptacles. They should be installed toward the same side of the chronograph to make a proper connection to the adapter

1. Install the guide wires
2. Install the light arcs on top of the chronograph guide wires
(NOTE: it is important that the rods are not bent, replace if necessary)
3. Plug one of the adapter outputs into each of the light arcs
4. Connect the adapter to a 120/240volt AC outlet
5. Note the red "ON" indicator glowing from each light arc
6. You are ready to use the chronograph



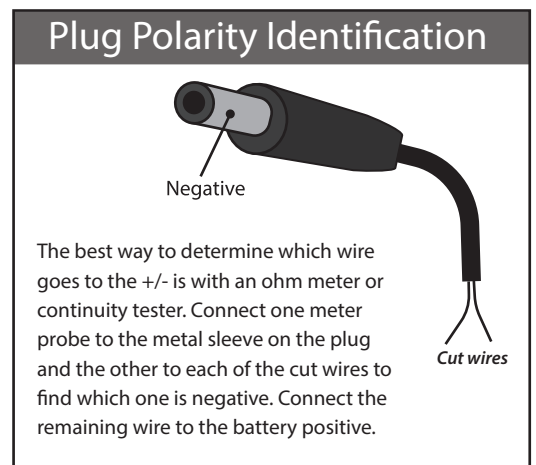
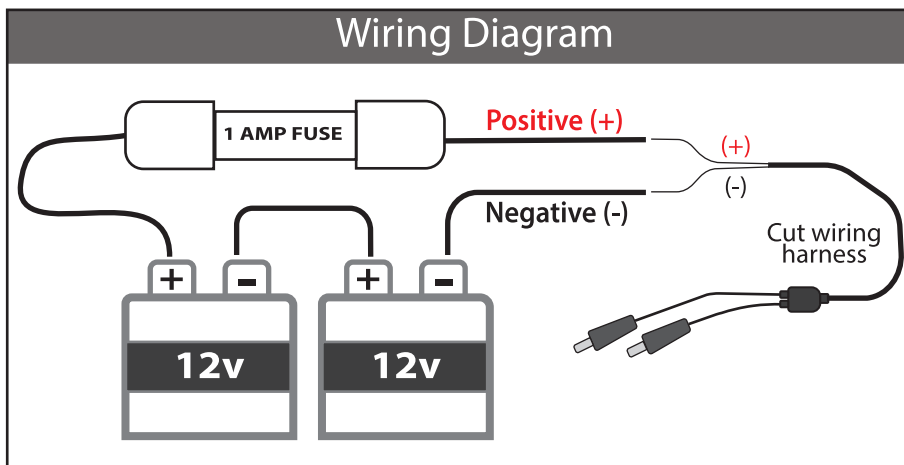
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Alternative power supply methods when a 120/240 volt outlet is not available:

1. A common household portable power pack (also known as an automotive jumpstart box) with an AC outlet can be used as a power source for the included AC adapter.
2. A 20-24 volt DC power source, such as two 12 volt batteries connected in a series circuit (shown below).

NOTE: Be sure the adapter is disconnected from power source

- Cut the wires near the 120/240volt adapter leaving enough length to rejoin if necessary. You may consider installing a suitable connector so you can switch back and forth.
- Install a 1 amp fuse and suitable terminals to make a proper connection to the battery.
- Attach the wires to the batteries as indicated below.
- You will need to do a polarity check to determine which is the negative wire within the cut wiring harness (see below).
- Plug the harness into the light arcs, note the red "ON" indicator light in each arc.



Limited Warranty

COMPETITION ELECTRONICS, INC., warrants the product manufactured by it to be free from defects in material and workmanship for a period of 2 years from date of purchase by the original purchaser for use. COMPETITION ELECTRONICS, INC., at its option, will repair or replace without charge, or refund the purchase price of, any product which fails during the warranty period by reason of a defect in material or workmanship found upon examination by COMPETITION ELECTRONICS, INC., to have been the cause of the failure. This warranty does not cover any failures attributable to abuse, mishandling, and failure to follow operating instructions, alteration or accident.

To make claim under this warranty, the purchaser must return the product to COMPETITION ELECTRONICS, INC., at the address shown below, properly packed and with shipping charges prepaid. All claims must be made within (30) days after the product failure and, in any event, within thirty (30) days after the expiration of the 2-year warranty. All claims must be accompanied by a sales slip or other written proof of date of purchase.

TO THE EXTENT PERMITTED BY LAW, ANY AND ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE EXCLUDED; ANY IMPLIED WARRANTIES NOT EXCLUDED ARE LIMITED IN DURATION TO 2 YEARS FROM DATE OF PURCHASE. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXPRESSLY EXCLUDED FROM THE REMEDIES AVAILABLE TO THE PURCHASER, AND THE REMEDIES PROVIDED IN THIS WARRANTY SHALL BE EXCLUSIVE TO THE EXTENT PERMITTED BY LAW.

(Note: Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the foregoing limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.)

If any product returned by the purchaser is found by COMPETITION ELECTRONICS, INC., to require service not covered by warranty, COMPETITION ELECTRONICS, INC., will so advise the purchaser and request their instructions. COMPETITION ELECTRONICS, INC., will recondition to working order any product returned to it regardless of condition upon the purchaser's remittance of payment of 1/2 of current retail price, if it is still manufactured by COMPETITION ELECTRONICS, INC.

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