

ANALOG STROBE CANNON™ MODULE

INSTALLATION AND OPERATING INSTRUCTIONS

IMPORTANT: Read all instructions before installing or operating strobe. For continued protection against electrical shock, always connect the green (ground) wire to a suitable ground.

THE STROBE CANNON Module is designed to be installed inside a standard theatrical PAR can just as a lamp would be. It is available in PAR 64 and PAR 56 size. Read the following instructions carefully before installing.

1. Make sure the PAR can line cord is unplugged. Then connect the POWER WIRES (black, white) to the PAR can power cord with wire nuts provided (black=hot, white=neutral). Connect the Ground (green) wire to an appropriate ground point.

2. Fish the control wires through the rear of the PAR can and connect to the appropriate INPUT TERMINAL screws. See fig. 1 for hook-up to RC-SC Remote. Fig. 2 for hook-up to PS4M-A. See INPUT TERMINAL functions for hook-up to user supplied control.

3. INPUT TERMINAL functions.

Rate: Zero to ten volt signal varies the flash rate from 30 flashes per minute to 12 flashes per second. Impedance - 10Kohm.

+12: 12 Volt 60 Ma source. May be connected to the rate and or intensity terminal to set that function to full on. (no external control needed).

INT: Zero to ten volt signal varies the flash intensity from off to full on. A step rise on this input flashes the strobe cannon once at an intensity proportional to the pulse amplitude. Minimum pulse width - 25 millisec. Load impedance - 15Kohm.

COM: Signal common.

4. Electrical Specifications.

INPUT POWER:	250 WATTS (at max rate and intensity)
RECYCLE TIME:	66 millsec.
BEAM ANGLE:	30 deg.
COLOR TEMP:	6000 K
POWER VOLTAGE:	120 volt 60Hz 230 volt 50Hz / Available
THERMAL SWITCH:	55°C

NOTE: The STROBE CANNON was designed to provide the greatest light output for short operating periods. When duty cycles are exceeded intermittent flashing may occur. This is normal and not an indication of a faulty module.

CAUTION

Hazardous voltage inside do not expose module to rain or moisture. Do not remove any screws or cover. Refer servicing to qualified service personnel. Lamp gets VERY HOT, do not touch it. Allow ample time to cool before replacing it. Replace only with Diversitronics Inc. #6091 Lamp. Never look directly into flash tube. Never run power and control cables in the same conduit. Not for residential use.