IR MPS-3 Three-Output Remote Control Wiring Instructions

TIME-SET mode LED Indicator

120 VAC POWER INPUT

NEUTRAL

HOT / LINE

To "C"

RED-1 To #1

YELLOW-1 To #2

GREEN-1 To #3

HIGH VOLTAGE

L N C 1 2 3 4 5 6 X

plugs into header

Connector

36" Cable

IR Reciever

30-50 feet Line of Sight

Remote Control

Note:
Do not connect a light dimmer to the power input.

Common wire ties to one side of each lamp.
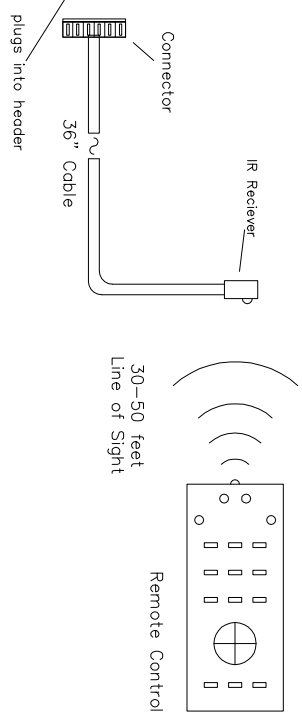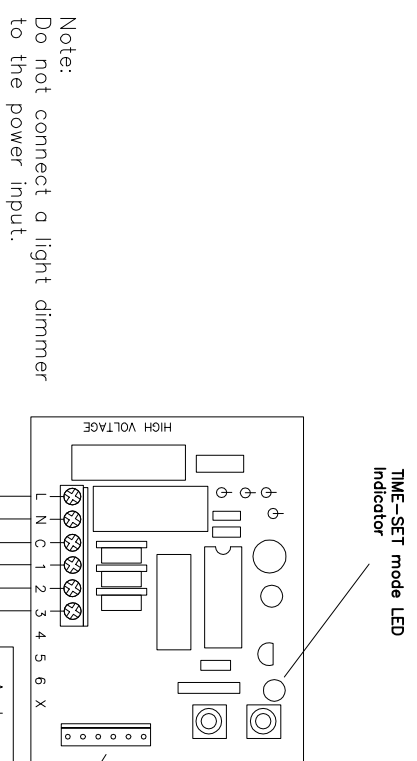
Maximum Ratings:
Per output: 100 Watts
Controller total: 300 watts

Mounting Controller

The controller board is housed in a plastic carrier. Double sided adhesive tape is provided on the bottom of the carrier. Carrier should be mounted to a clean, smooth surface by wiping mounting surface with rubbing alcohol, allow to dry, peel away double sided tape protective film, press board firmly against mounting surface.

Auto-sequence mode
Auto-sequence mode is when the signal sequences automatically from green to yellow to red. The board always starts in this mode with the green cycle active when power is first applied to the board.

Manual Mode
Manual mode allows the user to manually turn on any of the three outputs (red, yellow or green), or set one of three Caution-modes:

Button #1 turns on the GREEN light output
Button #2 turns on the YELLOW light output
Button #3 turns on the RED light output

Caution modes:
Button #4 starts Flashing Red Caution mode
Button #5 starts Flashing Yellow Caution mode
Button #6 starts Alternating RED and YELLOW back and forth

Pressing any of these buttons puts the board in Manual-Mode which means the light will stay lit (or flashing if in a caution mode) and not change to the next light automatically. It will stay like this until the board is put back into AUTO SEQUENCE mode by pressing the CH+ (channel UP) button.

Pressing the red PWR (power) button turns the controller ON and OFF

Once the times are set, the remote is no longer needed if operating in AUTO-SEQUENCE MODE. The remote is only needed to change the various MANUAL MODES, or to program/set sequence times.

SET-LIGHT-TIMES PROCEDURE for AUTO-SEQUENCE MODE

To set the auto sequence times, aim the remote at the IR pick-up located at the end of the pig-tail and press the "0" button three times. The signal will turn off for 2 seconds and then begin the time-set procedure with the GREEN light lit. (NOTE: The Red LED on the board will also light up.) Allow the desired time for the green light to pass, and then press the CH+ button (channel UP). The yellow light will then come on. Allow the desired time for the yellow light to pass, and then press the CH+ button again. The red light will then come one. Allow the desired time for the red light to pass, and then press the CH+ button once more. The three unique time settings are then stored in "safe" memory, and the time setting procedure is compete. The light will begin to sequence in AUTO-SEQUENCE mode, repeating the time durations that were just preset. You can change the timing whenever you want simply by repeating this procedure.