Touch-Plate® Lighting Controls

Control Plus Series – Soft Patch - III Keypad Manual

Control Plus Series

Keypad Manual

Touch-Plate® Lighting Controls

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CPSP Keypad Connections

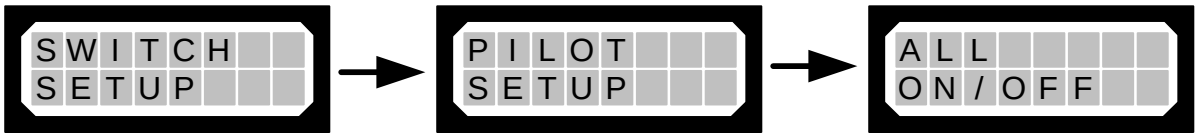
The keypad is connected to the panel via ribbon cable and 20 pin connectors. The connection is keyed to prevent backward connection**. Power must be turned off for at least 10 seconds before connecting or disconnecting the keypad**. If the display is blank or garbled when power is turned back on, immediately turn off power and check connections.

CPSP Keypad Operations

- Use the button labeled **MENU** to scroll through the menu options.
- Use the **BACK** button to exit out of any menu and return to the status display.
- Use the **ENTER** button to select a menu option or set a variable.
- The arrow keys (**LEFT, RIGHT, UP, DOWN**) are used to select an input, SP (DMX) channel or relay.

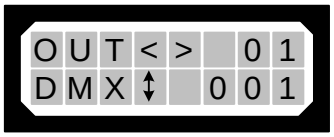
CPSP Keypad Menus

Using the **MENU** button, scroll through the menu options, Press **ENTER** to select an option.



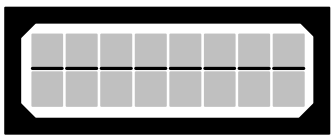
<u>DMX-512 Standard</u> Setup Menu (Ignore for SOFT PATCH)

Any output relay may be patched to any valid DMX-512 channel. The LCD will display OUT with left/right arrows, and an output number, and DMX with up/down arrows and an output number. Any number of relays may be patched to a single DMX-512 channel.

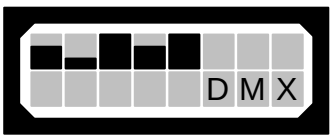


1. Select the relay using left/right keys.
2. Select the **DMX** channel with the up/down keys.
3. Press the **ENTER** key to record the patch.
4. Repeat as necessary, press **BACK** to exit the menu.

DMX-512 Status Display



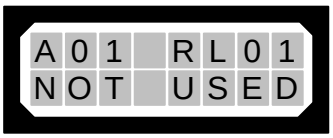
If no signal is present, a series of dashes is visible on the screen. The green LED will also flash to indicate the absence of a DMX-512 signal.



DMX is displayed when incoming DMX–512 signal is present, and the relative DMX signal level associated with each of the first eight relays is displayed in bar-graph form.

Switch Setup Menu

Any input present may be programmed to control a single relay or an entire group of relays. Switch Setup is used to program the matrix of input and output mappings. There is 16 output for each board; they are labeled A01 to A16 for the first, B01 to B16 for the second, … up to F16. Each input may be assigned a separate function for each relay.



Select the relay using left/right keys.
Select the input with the up/down keys.
Press the **ENTER** key to select the input function.
Repeat as necessary, press an arrow key then **BACK** to exit the menu.

Notes:

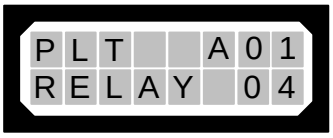
- ***CYCLE inputs can now control more than one relay at a time***.
- Switch input schedule forms will help in programming.
- One switch can be used as an ON for a group and an OFF for another group to toggle lighting groups.
- Make sure inputs are "Not Used" for all relays except those to control.

The types of actions a relay can perform are:

On – only turns the relay(s) on
Off – only turn the relay(s) off
Cycle – changes the relay with each tap
Maintain NO – relay(s) is ON when the contact is closed
Maintain NC – relay(s) is OFF when the contact is closed
Flash – when the contact is closed the relay(s) flash repeatedly
Blink Warn – the relay(s) will flash off momentarily then turn off after five minutes unless cancelled
Auto Off – the relay(s) will turn on then turn off after a selected time – 15, 30, 60, or 120 minutes.

Pilot Setup Menu

Any output present may be programmed to mimic a single relay or an entire group of relays. Pilot Setup is used to program the matrix of an indicator output. There are 16 outputs for each I/O card; they are labeled A01 to A16 for the first, B01 to B16 for the second, … up to D16.



Select the output to map with the up/down keys FIRST.
Select the relay or group of relays to follow using left/right keys.
Repeat as necessary, then **BACK** to exit the menu.