

Touch-Plate[®] Lighting Controls

CPS-DMX Keypad Manual

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Fort Wayne, IN 46803

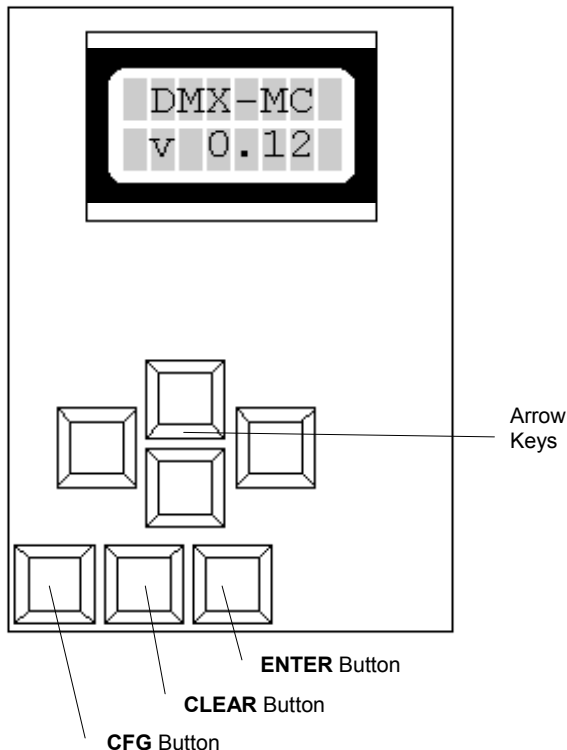
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CPS-DMX Keypad Connections

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.

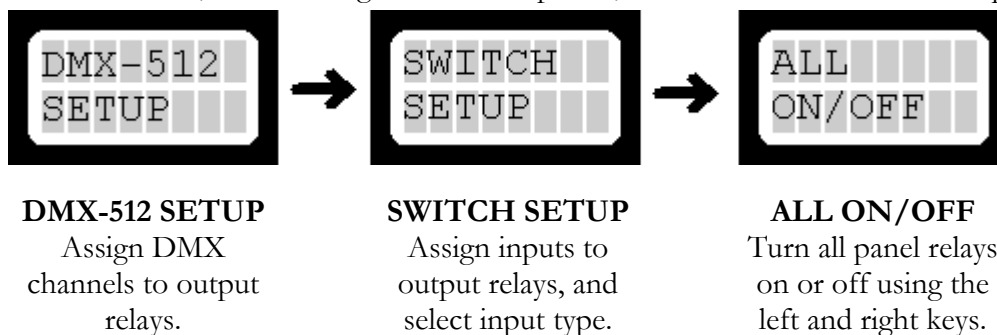
CPS-DMX Keypad Operations



- Use the button labeled **CFG** to scroll through the menu options.
- Use the **CLEAR** 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, DMX channel or relay.

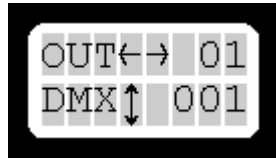
CPS-DMX Keypad Menus

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



DMX-512 Setup Menu

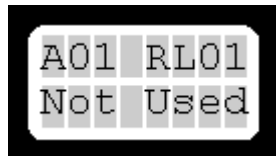
Any output relay may be patched to any valid DMX-512 channel. The LCD will display OUT with left/right arrows, and an output number, and DMX with up/down arrows and an output number. Any number of relays may be patched to a single DMX-512 channel.



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 **CLEAR** to exit the menu.

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.



1. Select the relay using left/right keys.
2. Select the input with the up/down keys.
3. Press the **ENTER** key to select the input function: *On, Off, Cycle, Maintain, Not Used*.
4. Repeat as necessary, press an arrow key then **CLEAR** to exit the menu.

Notes:

- CYCLE inputs should never control more than one relay. To do otherwise will eventually result in unsynchronized relays.
- Switch input schedules from 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.

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.