Light-O-Rama

Pixie4D

ShowTime

Cosmic Color Pixie4

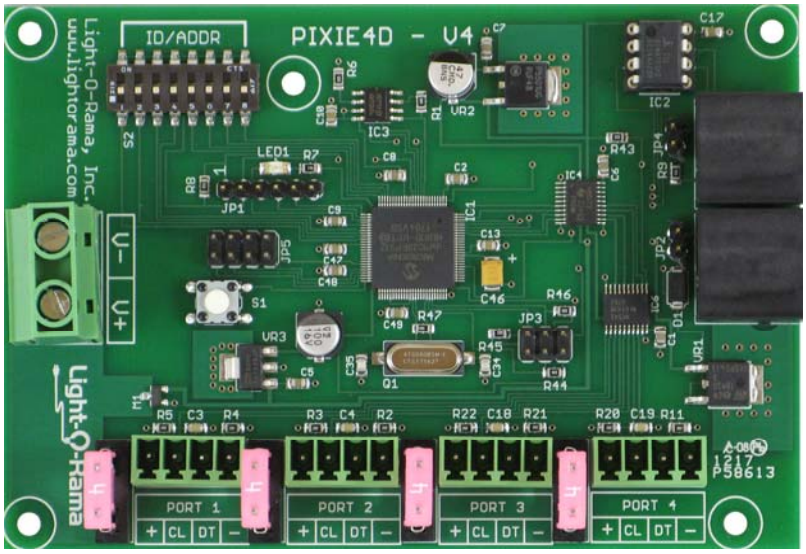
Controller for 4 Strings of 170 Pixels

www.lightorama.com

- 4 string smart pixel controller
- Up to 170 pixels per string
- Each pixel's color and brightness is individually controllable
- Simple LOR network connectivity; no LAN required. LOR network speeds to 1Mbps
- Appears in the software as 4 unit IDs with up to 170 pixels per ID
- Supports legacy mode which makes each string behave like a CCR or single string CCB. Supports all features of these devices (color effects and macros)
- Supports PixieLink Protocol which allows a PixieLink Ethernet E1.31 adapter to map LAN traffic to Pixie controllers
- Handles up to 16 amps
- One fuse for each pixel string
- Three interactive show trigger inputs
- Stand alone program storage for independent operation
- Test button runs red, green and blue down the pixels strings for simple verification of your configuration, connections, and pixel strings
- Supports all Light-O-Rama pixel ICs. Currently, WS2811 400KHz, WS2811 800KHz, WS2812, WS2801, LDP6803, SM16716, TMI1803, TMI1804, TMI1809, 943, GS8208, & APA103.
- 5VDC or 12VDC pixels
- Plug in screw terminal connectors provided for each string

Specifications	
Configuration	4 strings of up to 170 smart pixels
Current	4 amps per string, 16 amps total
Voltage	5 VDC or 12 VDC pixels
Operating Temp	-30° F to 140° F
Controller board	4⅝L x 3⅜"W x 1"H

Imagine it, then do it



Pixie4D

The Pixie4D is an economical, smart pixel controller designed for distributed pixel placement. It controls up to 680 smart RGB pixels over a standard LOR network.

The Pixie4D can be used with older sequences which do not use Enhanced Network protocol. It supports Enhanced protocol for use with all the latest pixel support capabilities of ShowTime software versions S4 & S5. It also supports PixieLink protocol which provides an upgrade path to Ethernet E1.31 for large displays.

Sequences already written for the CCR and CCB controllers can be used with this controller by changing the Unit IDs to align with the Pixie4's unit IDs.

The controller is assigned one unit ID, which is the base unit ID. This unit ID controls pixel string #1. It responds to successive unit IDs to control pixel strings #2-4.

The controller is supplied with 4 screw terminal plugs. The pixels strings are connected to these plugs which are then pushed into the connectors on the board. This arrangement simplifies artifact storage, assembly and damaged component replacement.

The Pixie4 is only available an assembled circuit board.

Included, of course, is the Light-O-Rama Showtime two year warranty on all components.

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