

Light-O-Rama



ShowTime

Cosmic Color Pixie2

Controller for 2 Strings of 170 Pixels

CCCL - Pixie2D

www.lightorama.com

- 2 string smart pixel controller with power supply in a weatherproof black, green or white plastic case
- Up to 170 pixels/string, each pixel's color and brightness individually controllable
- Simple LOR network connectivity; no LAN required. LOR network speeds to 1Mbps
- Appears in the software as 2 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 Ethernet traffic to the Pixie2D
- 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.
- 12VDC 3-wire pixels, 5 amps total
- Two weatherproof dangles for 12vdc 3-wire pixel strings
- Sold only in a plastic case with power supply and ribbons, bulbs, or bullet pixels



CCCL — Pixie2D

The CCCII (Pixie2D) is an economical, smart pixel controller designed for distributed pixel placement. It controls up to 340 smart RGB pixels over a standard LOR network. The internal power supply will power two strings of 100 bullet pixels or bulbs, or two 50-pixel ribbons.

The Pixie2D 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 written for the older CCR and CCB controllers can be used with this controller by changing the Unit IDs to align with the Pixie2D'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 the next unit ID in succession for pixel string #2.

The controller is supplied in a weatherproof black, green or white plastic case with two weatherproof dangles for 12vdc 3-wire pixels. It is sold only as a complete system including a Pixie2D with power supply, plastic case, and two 50-pixel ribbons, or two 50/100 bulb or bullet pixel strings. Included, of course, is the Light-O-Rama Showtime two year warranty on all components.

Specifications

Configuration	2 strings of 170 smart pixels
Current	2.5 amps per string, 5 amps total
Voltage	12vdc 3-wire pixels 100-240vac input
Operating Temp	-30° F to 140° F
Controller box	6½" w x 4⅞" w x 1⅞" h

Imagine it, then do it

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