

Miranda DC Dimmer



- Size: 6oz, 2 1/2" x 4 3/4" x 1 1/4"
- Enclosure: Anodized black aluminum
- 5mm terminal block power input (12VDC, 120W maximum total).
- (6) independent outputs, 5A/60W maximum each. 3.5mm terminal block dimmed outputs (low side PWM dimming).
- May be powered off the 12VDC rail, separate 5VDC input (3.5mm terminal), or 24VDC passive PoE. External power allows relay switching of 12VDC supply and/or monitoring of 12VDC supply health by the Miranda.
- (2) switched 10/100 ethernet ports with 24VDC passive PoE, allows daisy-chaining.
- 5VDC power input via 3.5mm pluggable terminal block.

Miranda Pixel



- Size: 6oz, 2 1/2" x 4 3/4" x 1 1/4"
- Enclosure: Anodized black aluminum
- (8) independent outputs for single-wire (data-only) LEDs, or (2) independent outputs for two-wire (data+clock) LEDs. 3.5mm pluggable terminal blocks.
- Drives up to (4) universes of LED pixels (680 pixels), which can be split between any of the outputs.
- (4) contact closure inputs, 3.5mm pluggable terminal blocks.
- (2) switched 10/100 ethernet ports with 24VDC passive PoE, allows daisy-chaining.
- May be powered by the LED power supply (5VDC), it's own power supply (3.5mm terminal block), or 24VDC passive PoE.

Miranda DMX



- Size: 6oz, 2 1/2" x 4 3/4" x 1 1/4"
- Enclosure: Anodized black aluminum
- (2) isolated DMX outputs, 3.5mm pluggable terminal blocks.
- Three-way switch for local testing and setup.
- (4) contact closure inputs, 3.5mm pluggable terminal blocks.
- (2) switched 10/100 ethernet ports with 24VDC passive PoE, allows daisy-chaining.
- 5VDC power input via 3.5mm pluggable terminal block.

Also available in a waterproof enclosure!

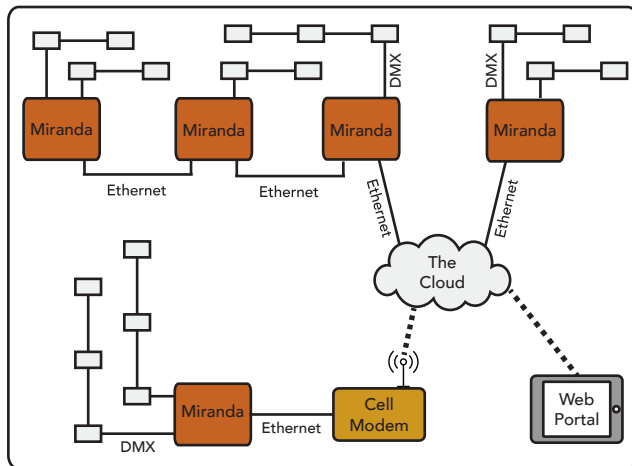
Introducing Miranda

The Miranda line of controllers offers a new way of looking at lighting controls, facilitating innovative system architectures without compromising control or maintenance.

At its core, Miranda is much like other lighting controllers: high quality on-board flash storage keeps your programs safe without concern about an SD card going bad; contact closures provide flexibility of input triggers.

"Islands of DMX"

Miranda's differences come into play once it's connected to the cloud. Because Miranda does not need a high speed or high reliability connection, it can be deployed in applications where you would never think to stream DMX between locations. Rather than thinking of your lighting system as a single set of DMX universes, you can start to think in islands of DMX that run autonomously, but still stay synchronized.



Multiple Output Options

Miranda's platform offers a unified programming and control interface with three output options:

- **Miranda DMX** (2 universes of DMX)
- **Miranda Pixel** (addressable LED)
- **Miranda DC Dimmer** (12VDC dimming, non-addressable LED, other LED sources)

Since multiple Mirandas are programmed as a system, not individually, you can mix and match Miranda types within the same system without conceptual edges between systems.

Remote Preset Recall

Miranda's, remote preset recall is simple for building owners to use, since it doesn't require a downloaded app, only a web login.

Monitoring, Programming & Diagnostics

Finally, remote monitoring and programming allow you to diagnose issues and update cues without having to make field calls. The remote programming is mediated through the cloud, so you don't need a fast or reliable internet connection; you can reprogram the lighting from anywhere, even an airplane's WiFi connection. Diagnostics are stored in the cloud, so you don't have to remote into a functioning system; if a controller is offline, you still have access to your all of your diagnostic information.

Key Features

Miranda includes all the typical tools you would expect out of an installation lighting controller, plus a variety of unique features:

- Functions as either an sACN Node or standalone playback unit. Fallback on loss-of-signal, or triggered switch from external input to internal cues
- Daisy-chaining PoE ethernet reduces the network and power cabling required
- Synchronized playback between multiple units on different networks allows for unbelievable opportunities to distribute the lighting throughout a building, theme park, or city
- Internet-based monitoring, programming, and control allows for updates to happen from anywhere without having a direct connection to the lighting network
- Astrotime or scheduled triggers
- Remote triggers via ethernet or contact closure
- Built-in lighting effects library, permitting easy programming of systems
- Wide ambient temperature support (-40C to +80C) permits installation in unconditioned cabinets