

# ULC-2

## Metaphase Technologies New Multi-Channel Universal LED Controller



**Metaphase Technologies' ULC-2 LED Controller** provides independent, constant-current control of two LED loads at up to 4 amps/ 60 Watts per channel in DC mode. In Pulse (Strobe) Mode, the ULC-2 is capable of output currents up to 40 amps. The ULC-2 is capable of driving LED forward voltages between 4V and 20V. Strobe Pulse widths are adjustable from 2 microseconds and can be triggered at rates up to 100kHz.

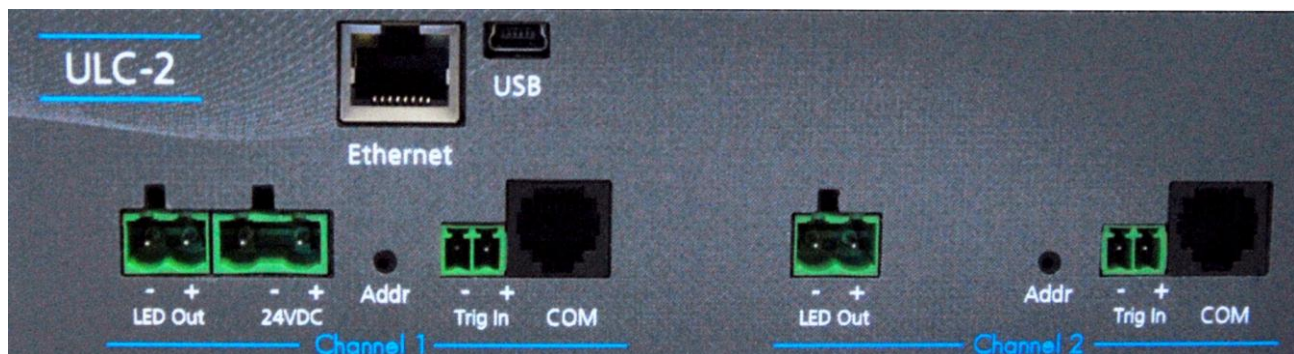
The ULC-2 may be remotely controlled over Ethernet using the Metaphase Windows software MetaBOSS (for PC) or any Ethernet capable controller using the ULC-2 Ethernet command set. Additionally, user-adjustments of the ULC-2 are provided by way of a user-friendly LCD interface and four button keypad. Up to five preset configurations may be saved and recalled to meet the changing demands of today's applications.

### Features:

- Strobe or Continuous operation
- 2-Channel Output
- Din Rail Mountable
- Compact Design
- LCD Display
- Ethernet Connectivity

### Compatibility:

Compatible with standard LED illumination systems. Unit can be paired with [Metaphase Technologies' GEN4 ULTIMATE Line Lights](#) for independent control of snap-in modular sections.



## Power Requirements:

### ULC-2 Power Supply Specifications:

#### Power-in:

- 24vdc, 6 amps, switching type suggested

#### Power-out:

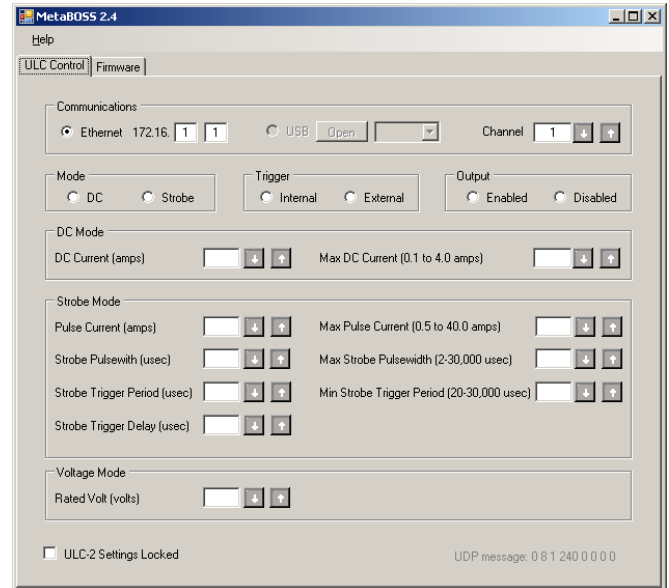
- DC- 0.1 amps minimum to 4 amps maximum in .1 amp increments
- Strobe- 0.5 amps minimum to 40 amps maximum in .1 amp increments

## ULC-2 Trigger Inputs

For external trigger operation, each channel has separate independent trigger inputs. Trigger pulses enable the LED output for a period set by the Pulsewidth parameter.

## ULC-2 Ethernet Command List:

For users that do not want to use the Metaboss Software or the ULC-2 keypad, Metaphase provides an Ethernet command list that can be used embedded into user's custom program.



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