

OUTDOOR/LED CONTROLLER

Technical Datasheet

SUB LED CONTROLLER



PRODUCT DESCRIPTION

Jaquar SUB LED Controller is an LED controller with unique data processing method for the display on complex architectural building facade. It can work with PC as well as Master LED controller. In both the modes, it controls a variety of regular chips in LED fixtures. Unique ID address can be set manually using its screen and buttons. Effects are fully customizable and can be created using Windows/ Mac OS based software tool. Encryption function is also available when used with customized controller.

KEY FEATURES

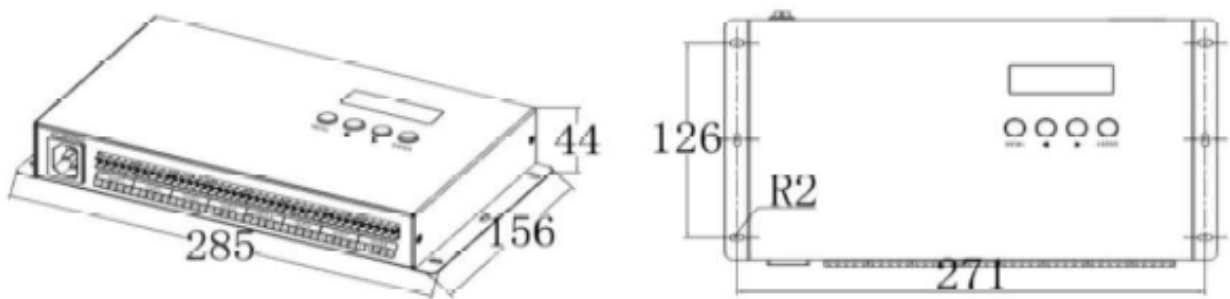
- Control features
 - PC and artnet based online control if used without Master LED controller
 - SD Card control (with Master LED controller)
 - Audio/ Music based control (with Master LED controller)
 - Time based control (with Master LED controller)
 - Manual control (with Master LED controller)
 - Mobile/ tablet based control (with Master LED controller)
 - IoT/ Cloud based control (with Master LED controller)
- Multiple device sync.
 - Cascade installation
 - Audio/ Music sync. (via Master LED controller)
 - GPS sync. (via Master LED controller)
 - Cloud based sync. (via. Master LED controller)
- Other features
 - Compatible with multiple decoder IC
 - Compatible with 3rd party DMX devices
 - Multiple installation architecture

LED CONTROLLER

TECHNICAL SPECIFICATION

| | |
|--------------------------|--|
| Operating temperature | -15°C ~ +60°C |
| Humidity | ≤50% RH |
| Power consumption | <5W |
| Environment | IP20 |
| Cascade signal | Optocoupler |
| Master controller signal | Ethernet protocol |
| Network interface | RJ45 Ethernet interface |
| Output signal | TTL & RS-485 x 8-Ports |
| Control capacity | upto 154 Sub-controllers or 4,00,000 channels |
| Transmission distance | Use UTP (unshielded twisted pair) cable, distance between the controllers can be 1500m |
| Weight 1500gm | |
| Dimension | 285mm(l) x 156mm(w) x 44mm(h) |

DIAGRAM



APPLICATION



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