

LC-RL-8-R

Sonetnix Rack Mount RELAY Controller

4/8 Channels Relay Controller | 10A per Channel

- Sonetnix 8 Channel Rack PDU with relay switching for controlling various electrical loads. Each channel is rated at 10A, and the module can handle a total of 80A.
- Interfaced via RS-232 or High speed 2.4 GHz Wi-Fi technology for flexible integration with automation systems.
- Suitable for non-dimmable lighting, screen control, motors (up to 0.5Hp), rack power management and other compatible appliances.
- Designed for reliable performance, easy installation, and seamless integration with Sonetnix automation ecosystem.



HIGH POWER SWITCHING



16 SCENES MEMORY



CONFIGURABLE START TIME



RACK MOUNTABLE



PRODUCT OVERVIEW

The LC-RL-8-R features 8 channels of power switching, with a maximum load of 10A per channel.

Operating voltage (@50Hz) 220 – 240 VAC. Third party automation modules or other Sonetnix modules are interfaced through high speed S-NET communication.



FEATURES AND FUNCTIONS

- ✓ 4/8 Channels RELAY Controller, standard type @10A per channel
- ✓ Power switching
- ✓ Used in non-dimmable lighting control, screen control (up to 0.5Hp motor) and Rack power management etc.
- ✓ Supports 16 scenes with internal memory
- ✓ Restores channel status upon power reset
- ✓ Configurable START time for each channel, allows to set delay to start the switching at required time
- ✓ S-NET ID programming sequence with front panel switches to set the Device's S-NET ID manually
- ✓ Front panel switches to operate each channels manually
- ✓ Watchdog LED on front panel blinking @1 sec Indicates normal working condition of the Device
- ✓ Status indication LEDs for each channel
- ✓ S-NET Communication or RS232, enables the relay Controller to be connected with other Sonetnix Lighting/ Dimming modules for a complete Automation Solution
- ✓ Rack mountable



ELECTRICAL SPECIFICATION

Operating Voltage	220-240VAC@50Hz
Maximum Power Per Channel	2200W
Max Load Current per Channel	10 A
Module Total Current	80A
Operating Temperature	0 – 45°C
S-NET Power Usage	6 Watt (0.5A @12Volts)



CONTROLS & INDICATIONS

PWR		(Red) Illuminates when DC power is applied on S-NET
COM		(Yellow) LED, indicates communication with the control processor
WDT		(Green) Blinking @ 1 sec Indicates normal working condition of the Device
CH1 - CH8		(Red) Channel status indication LEDs



OTHER FEATURES

- ✓ 8 switched rear panel outlets
- ✓ Power switching
- ✓ Used in non-dimmable lighting control, screen control (up to 0.5Hp motor) and Rack power management etc.
- ✓ LEDs on the modules indicate communication to a Sonetnix network, input power to the module, and output power to the load.
- ✓ Status indication LEDs for each channel



CONNECTORS

INPUT PWR	(1) 3-pin male AC power plug to provide AC input voltage to the module
CHANNELS (1 - 8)	(8) 3-pin female AC power plug receptacle SPST relay switch circuit @10A per channel
RS-232	(1) DB9 connector for RS-232 communication



MECHANICAL SPECIFICATION

Mounting	19" Rack Mount (1U)
Material	Metal Rack Mount Housing
Dimension (In inches)	17.32 (W) X 1.75 (H) X 6.30 (D)
Weight	2.40 Kg



DIMENSIONS



ORDERING INFORMATION

Model	LC-RL-8-R
Description	Sonetnix 8 Channel Rack PDU with Relay Switching



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