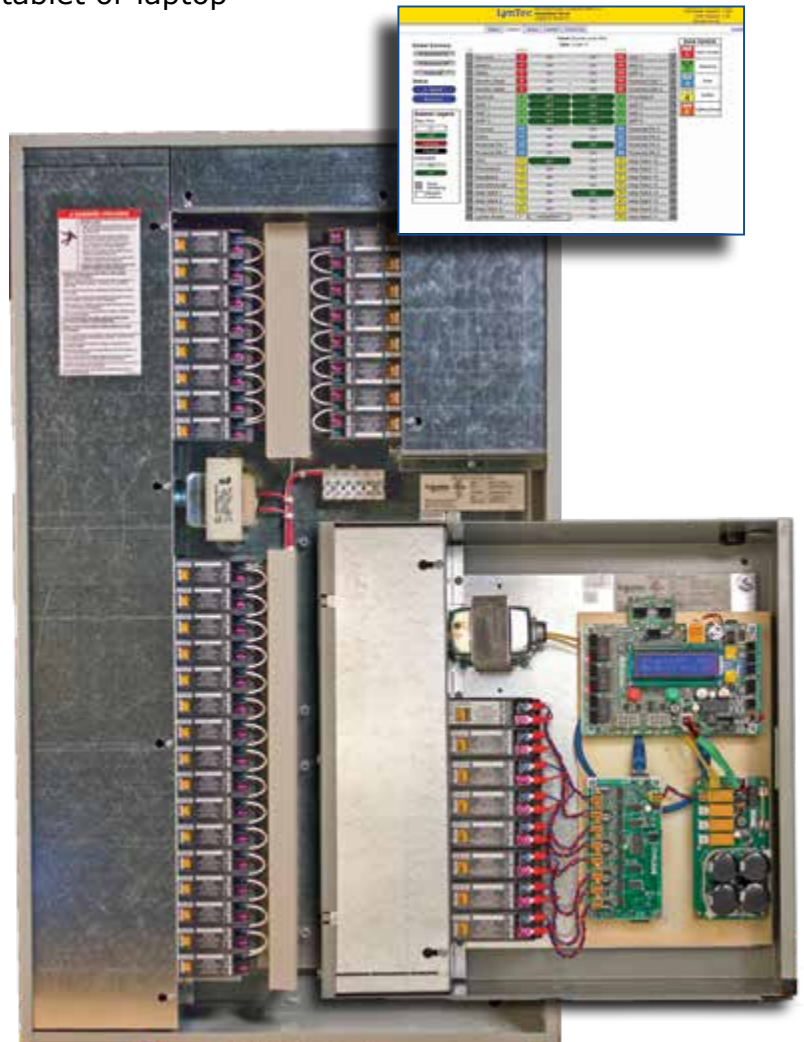# LynTec RPCR Relay Panels

The most complete self-contained electrical relay panel available

The patent pending RPC control platform is available for controllable relay panels. Every RPCR panel is shipped as a complete hardware/software package and ready to install.
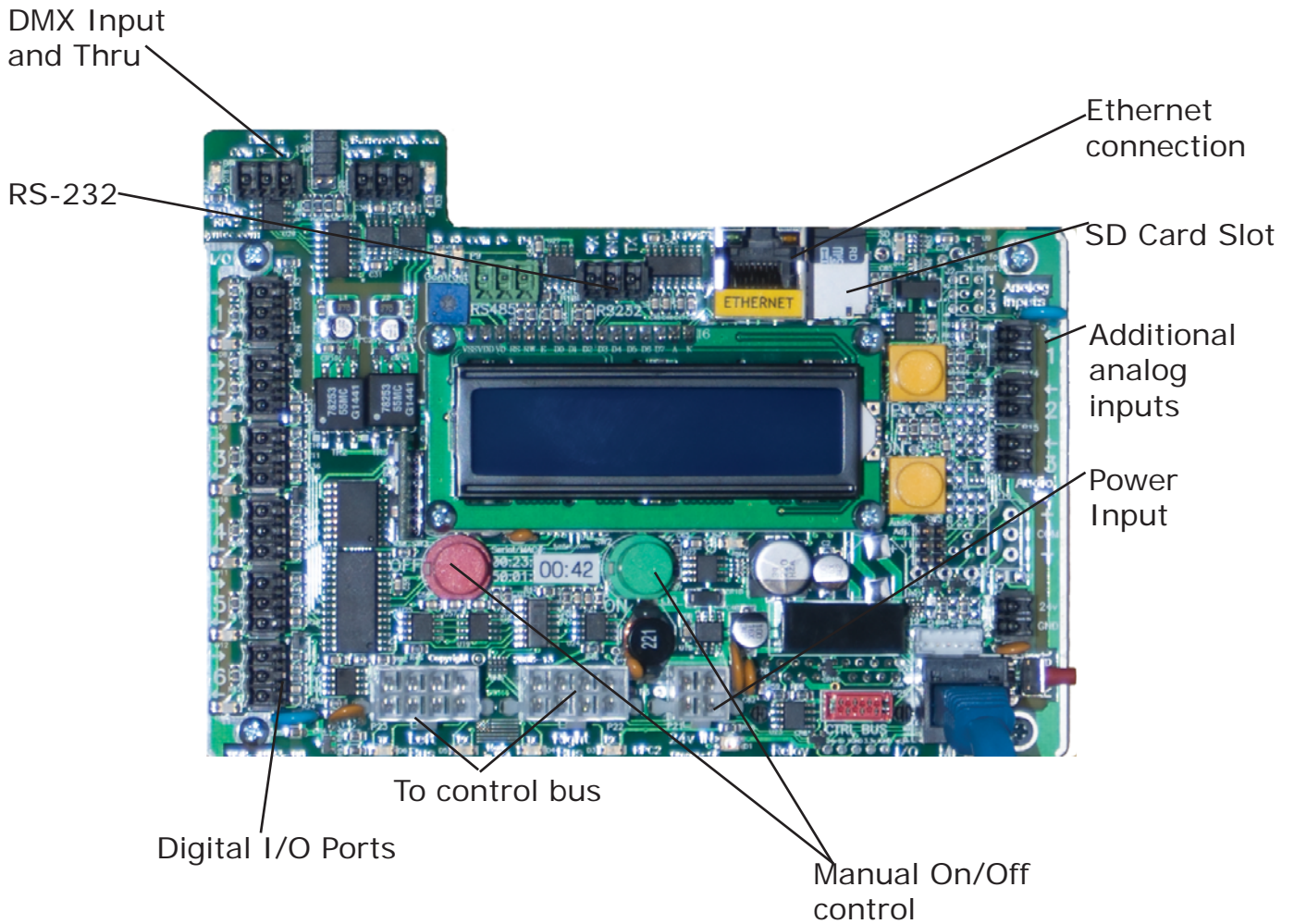
Standard Features on all RPCR panels include:

- ❒ Built-in web server with browser interface for super-easy set up.

- ❒ No on-site commissioning required, and LynTec takes the trouble calls direct.

- ❒ Built in IP interface for smart phone, tablet or laptop control and monitoring.

- ❒ Built in scheduling program with astronomical clock and 84 schedule events.

- ❒ Built in contact closure inputs for wall or sensor operation (up to 38 inputs).

- ❒ Can be interfaced with any control system that communicates individual circuit addresses in DMX, sACN, HTTP, Telnet, BacNET or RS-232.

- ❒ Seamless integration into existing building management systems.

- ❒ Circuit selectable load-shedding feature standard

- ❒ Circuit level sequencing with selectable step-rates standard

- ❒ Circuit selectable auto-on egress lighting feature standard

- ❒ Brownout (under-voltage) protection with automatic shut-down and controlled restart.

- ❒ ETL Listed to UL 508a and 924 standards

800-724-4047   www.LynTec.com

139-0622-00.1 RPCR Tech

RPC CONTROLLER

The LynTec controller increases interface options, simplifies programming, and adds remote status monitoring.

Easy setup for sequential system control for audio systems, or indivdual circuit control for non-dimmed lighting circuits.

DMX Input and Thru

RS-232

Ethernet connection

SD Card Slot

Additional analog inputs

Power Input

Digital I/O Ports

To control bus

Manual On/Off control

Relay Specifications

Panasonic 20A HID relays have been the industry standard for more than a decade. Their durable design provides reliable control for lighting and plugs loads and makes safety a priority.

Panasonic relays are available for both single and double pole loads.

TECHNICAL INFORMATION

Relay Model	PAN-1P	PAN-2P	PAN-2P-480
Description	Single Pole HID Relay WR6161K-84	Double Pole HID Relay (up to 300V) WR6166-84	Double Pole HID relay (up to 480V) WR6172-84
UL-Rating: Electrical Life			
Output Contact Side:			
General Use	30A 300VAC	20A 300VAC	20A 480 VAC
Tungsten	2400W 120VAC	2400W 120VAC	2400W 120VAC
Ballast (Standard)	20A 300VAC	20A 300VAC	20A 480 VAC
Ballast (Electronic)	16A 277VAC	N/A	20A 480 VAC
Motor Starting, Single Phase	.5HP 110-125VAC 1.5HP 220-277VAC	.5HP 110-125VAC 1.5HP 220-277VAC	.5HP 110-125VAC 1.5HP 220-277VAC
Auxilliary Contact Side:			
General Use	1A 125VAC	1A 125VAC	1A 125VAC
Short Circuit Rating	18kA 277VAC	5kA 277VAC	5KA 277VAC
Performance	60k operations	60k operations	60k operations

Models and Options

- RPCR-8 (8 single pole relays (PAN-1P))
- RPCR-16 (16 single pole relays (PAN-1P))
- RPCR-24 (24 single pole relays (PAN-1P))
- RPCR-32 (32 single pole relays (PAN-1P))
- RPCR-48 (48 single pole relays (PAN-1P))
- RPCR-64 (64 single pole relays (PAN-1P))

Double pole relays can be exchanged for single pole relays for an additional charge. One PAN-2P relay replaces one PAN-1P relay. One PAN-2P-480 relay replaces *two* PAN-1P relays.

Web Enabled User Interface

Every RPC controller has a web server built in, so there is no software to buy, load or program. Simply plug in a network connection to the RPC controller, take the IP code off the LCD screen, and any browser enabled device on the network can load the IP address and access the RPC user interface (provided they have the user name and password).

CONTROL IS AS EASY AS CLICKING A BUTTON!

Global controls allow you to easily control all

Relevant system information

Circuit address color corresponds to the assigned zone

Status indicators show which emergency features are activated

One click individual circuit control

Easy to read relay status shows if the relay is on, off, tripped, manually overridden or failed.

RPC User Interface Setup Page

Setting up global commands, circuit zones, sequencing queues, schedules etc. is so simple with the RPC interface that no commissioning is required by the factory. Watch our set-up videos and you're certified! All of the set up commands are clicking boxes and picking out options from drop-down menus. Here are a few examples from our setup/panels page.

Choose which relays open or close in the event of an emergency or brownout

Don't forget to save changes

Zones can be assigned to contact closuers or schedules

Choose the numbering and addressing scheme to fit your design

Add relays to a zone by clicking the "Edit Zone" button and then clicking the relay

Select which global controls and emergency features to utilize

Enable up to 12 zones

Editable text fields