

RPC

SERIES PANELS

THE INDUSTRY'S MOST COMPLETE
SELF-CONTAINED ELECTRICAL CONTROL PANEL

LynTec: Power Control Simplified

LynTec

- Specialized electrical control solutions for performance spaces
- Feature set that lowers project costs and simplifies automation
- A little history...



LynTec Background

- 1982 – LynTec Inc., custom signal processing equipment
- 1989 – Begins offering power sequencing for installed audio
- 1992 – Offers Square D QOPL controllable breaker load centers
- 2000 – Offers QO Panelboards for the first time
- 2005 – Rolls out DMX lighting control panels
- 2006 – Company purchased by RDC, Inc.
- 2009 – Introduces RPC (PowerLink) IP based system
- 2013 – Introduces RPCR relay panels
- 2016 – Introduces NPAC networkable rack mounted relay panels

What We Do

- Complete Pro AVL Power Control
 - Audio, Video, Video Walls, Lighting
- Performance Spaces
 - Complete electrical control/energy management
- Self Contained Control Solutions
 - CC/Onboard Timer/Browser based control
- Interface with all popular performance control protocols
 - By Zone
 - DMX/sACN/Telnet/HTTP/RS-232



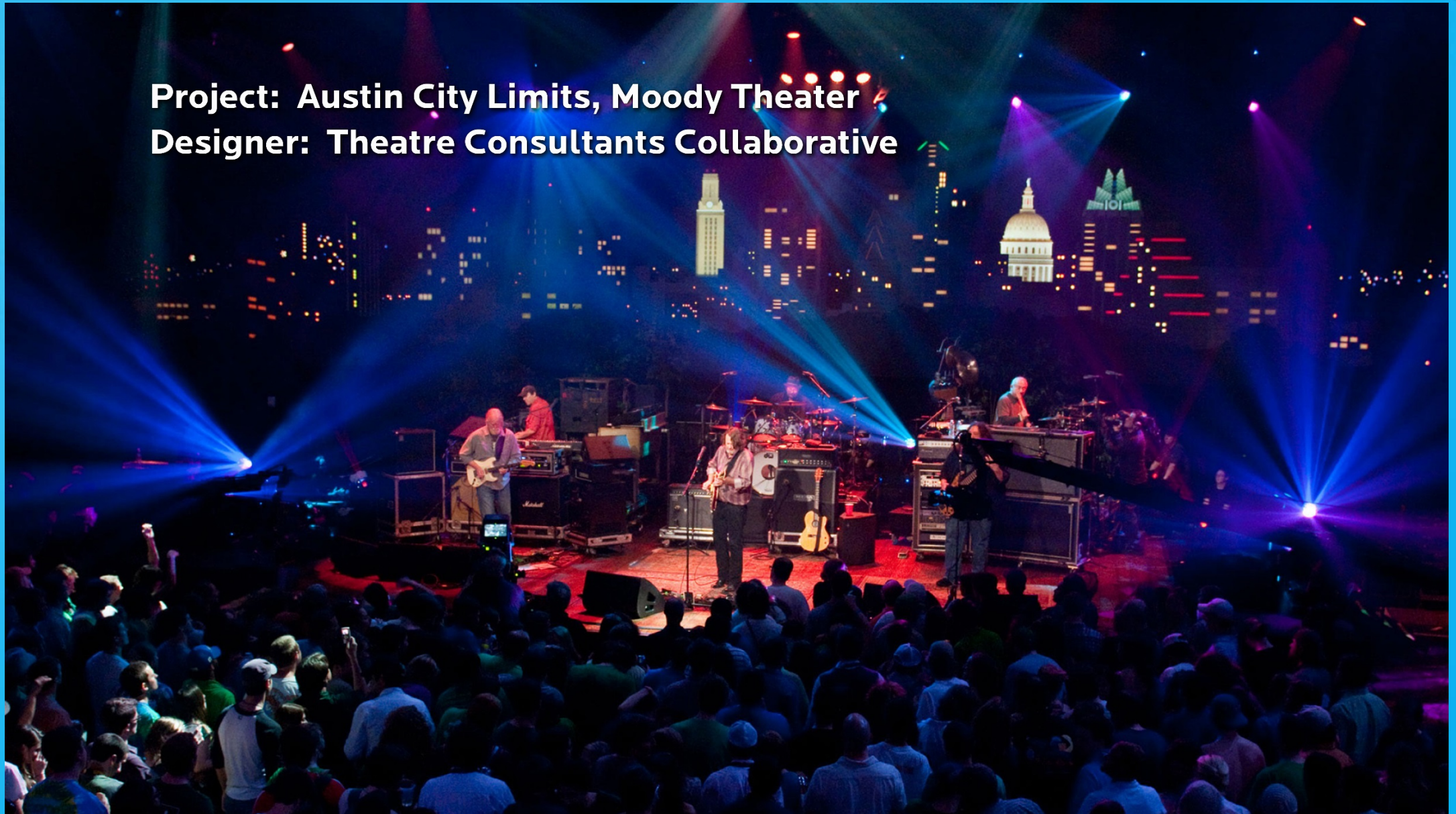
Installs – 10,000 and Counting

- One World Trade Center – Lighting Control of the Spire
- Pixar Animation Studios, CA – Full Sound System AC Control
- Church of the Resurrection, KS – AV System Control
- Comunidad Apostolica Hosana, Panama – AV & Lighting Control
- Kennedy Center, Washington, D.C. – Sound System AC Control
- Moody Theatre (Austin City Limits), TX – Sound System AC and Lighting Control
- Madison Square Garden – Full Sound System AC Control
- University of Missouri, East Side Addition – AV System Control
- Brooklyn Museum of Art – Full Sound System AC Control

Project: Spire - 1 World Trade Center, NY
Designer: Barbizon Lighting



Project: Austin City Limits, Moody Theater
Designer: Theatre Consultants Collaborative



Project: Aga Khan Museum, North York, ON
Designer: Theatre Consultants Collaborative





Project: Arena Stage - Mead Center for American Theater
Washington, DC
Designer: Talaske

Project: Casa De Dios , Guatemala
Designer: Michael Garrison Associates





Project: Church of the Resurrection, Leawood, KS
Designer: Idibri

Project: Inspire Church, Oahu, HI
Designer: Axia Concepts



Project: Maltz Performing Arts Center, Cleveland, OH
Designer: Akustiks





Project: MLB Studio 21
Designer: The Lighting Design Group

Project: Platte Woods United Methodist Church
Platte Woods, MO
Designer: Stark Raving Solutions



Project: Arthur Zankel Music Hall
Skidmore College, Saratoga Springs, NY
Designer: Marshall/KMK Acoustics



Project: St. Patrick's Cathedral, New York, NY
Designer: Jaffe Holden



Project: The Toronto Center, Toronto, ON
Designer: Theatre Consultants Collaborative





Project: You! The Experience
Museum of Science and Industry, Chicago, IL
Designer: Intelligent Lighting Creations

LynTec Product Matrix

IP &
Multi-
Protocol
Control

NPAC
4 Circuits



RPCR
8-64 circuits



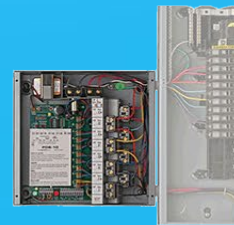
RPC
30-84 circuits



IPC
up to 84 circuits



Single
Protocol
Control



PDS/LCRP/SCR
4-10 circuits



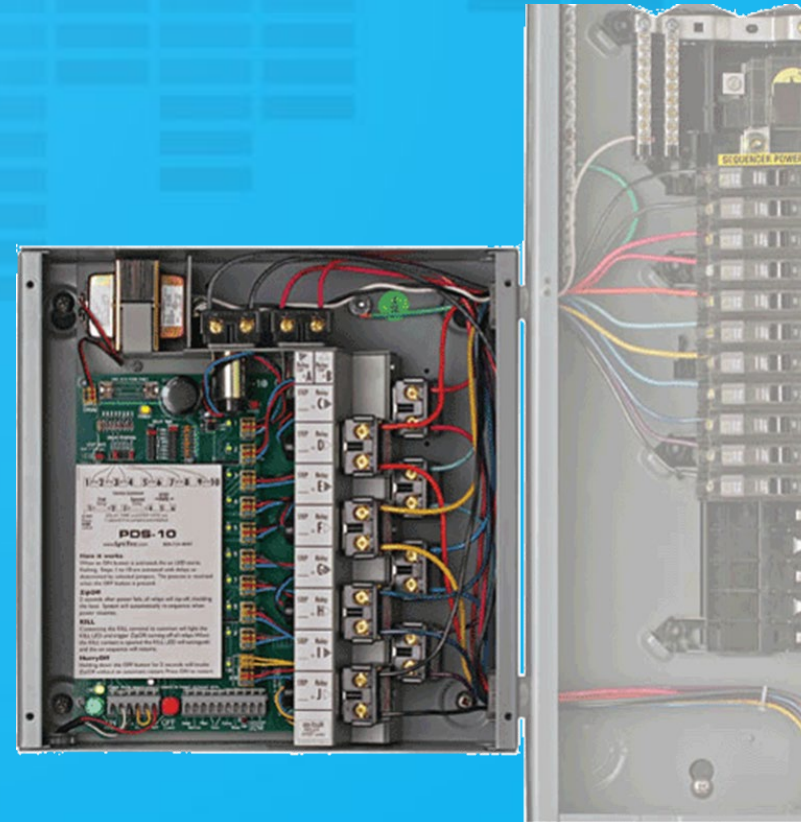
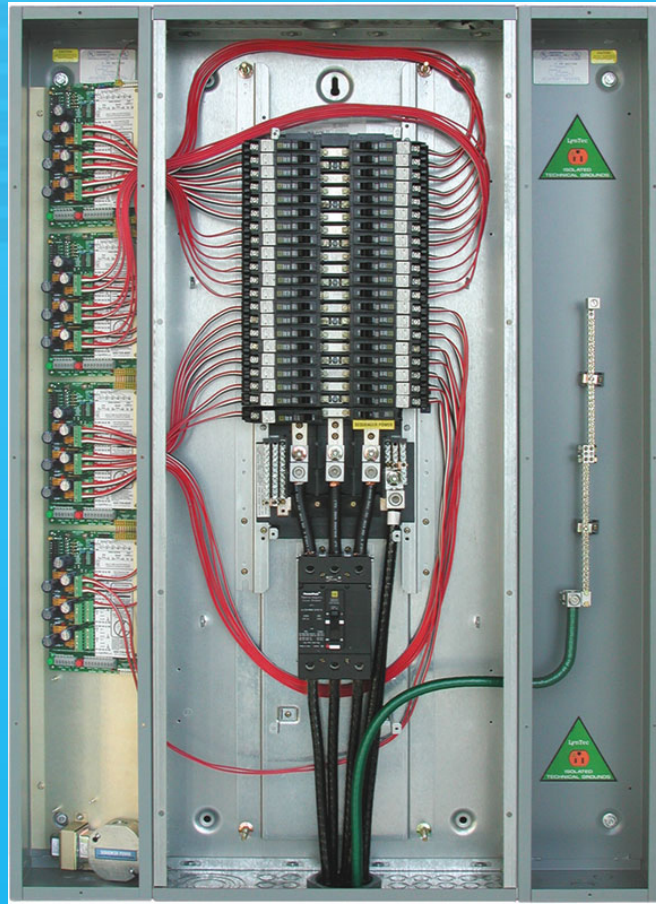
Load Centers
26 & 41 circuits



Panelboards
41 circuits

Circuit Counts/Functionality 

Single Protocol Panels (Sequencing, DMX, Serial)

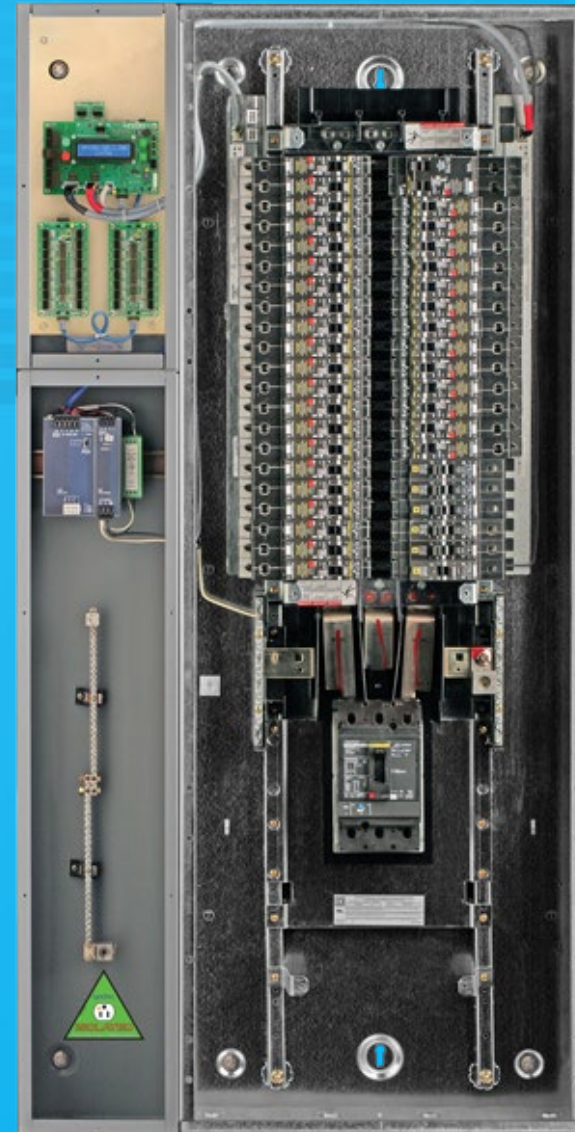


QOPL Motorized Breakers

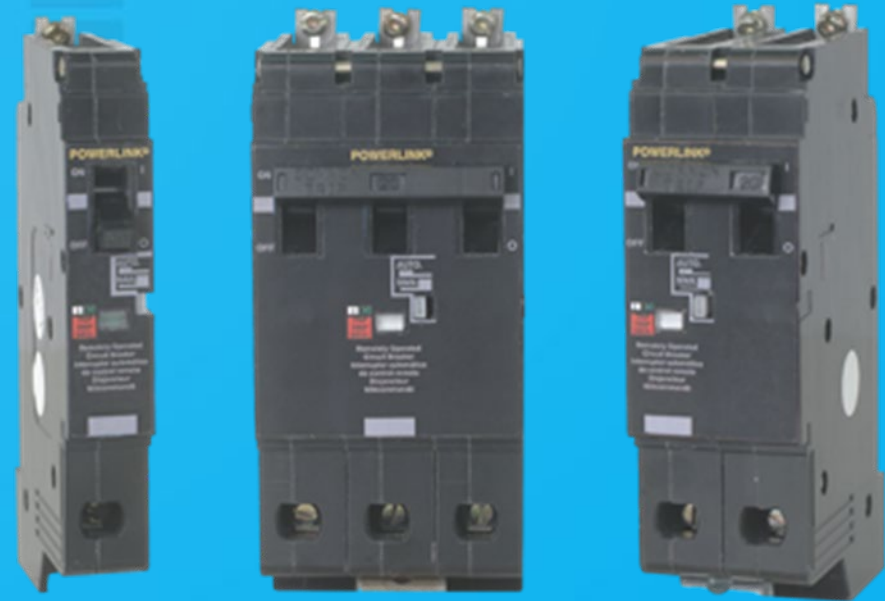
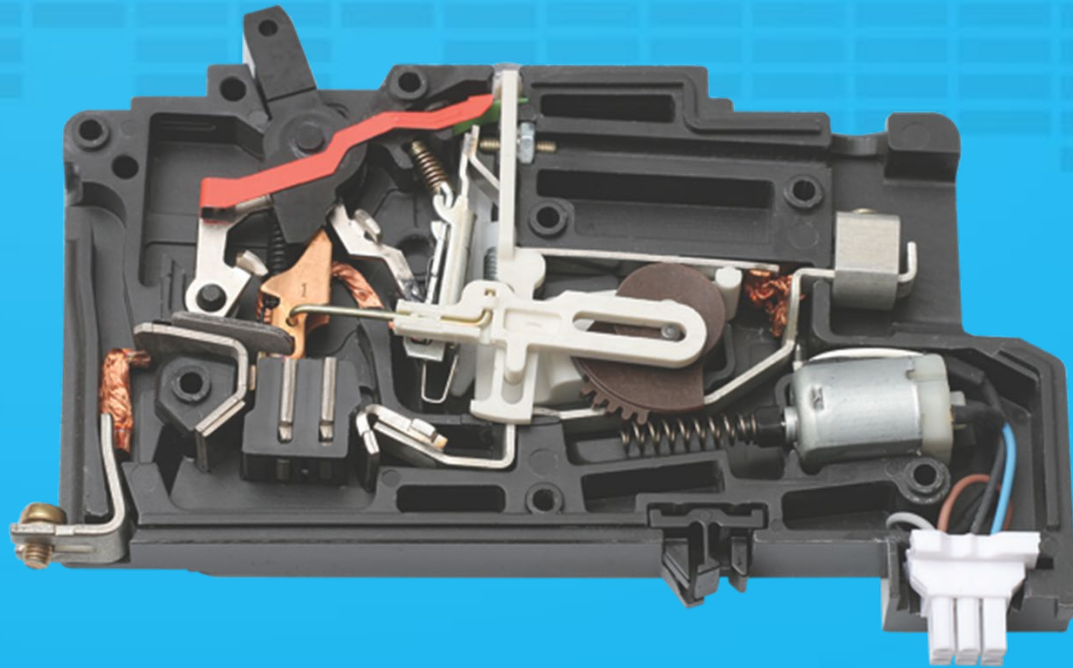


RPC Series

- G3 Powerlink™ hardware platform by Square D
- Buffer Wall between Control & Breakers
- Stand Alone Power Supply
 - Enables Brownout and faster sequencing
- Networkable Control
- Isolated Technical Ground Bars
- 200% Neutrals
- SurgeX in-panel Surge Elimination available
- UL-924 Listed



PowerLink Motorized Circuit Breakers



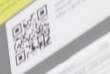




LynTec
RPC
Remote Power Controller
Power Control

Emergency Circuits
Emergency Circuits
Emergency Circuits

100-1000
100-1000
100-1000



100-1000
100-1000
100-1000

MAIN
PRINCIPAL

Controller Power

100-1000
100-1000
100-1000

CAUTION PRECAUTION ATTENTION
WARNING ADVERTENCIA AVISAMIENTO

CAUTION
To avoid electrical overload, total
connected amp load (in phase)
and neutral should not exceed
output rating.
NOTICE - THIS EQUIPMENT HAS NOT
BEEN EVALUATED FOR COMPLIANCE
WITH ARTICLE 100 OF THE
NATIONAL ELECTRICAL CODE,
ANSI/NFPA 70

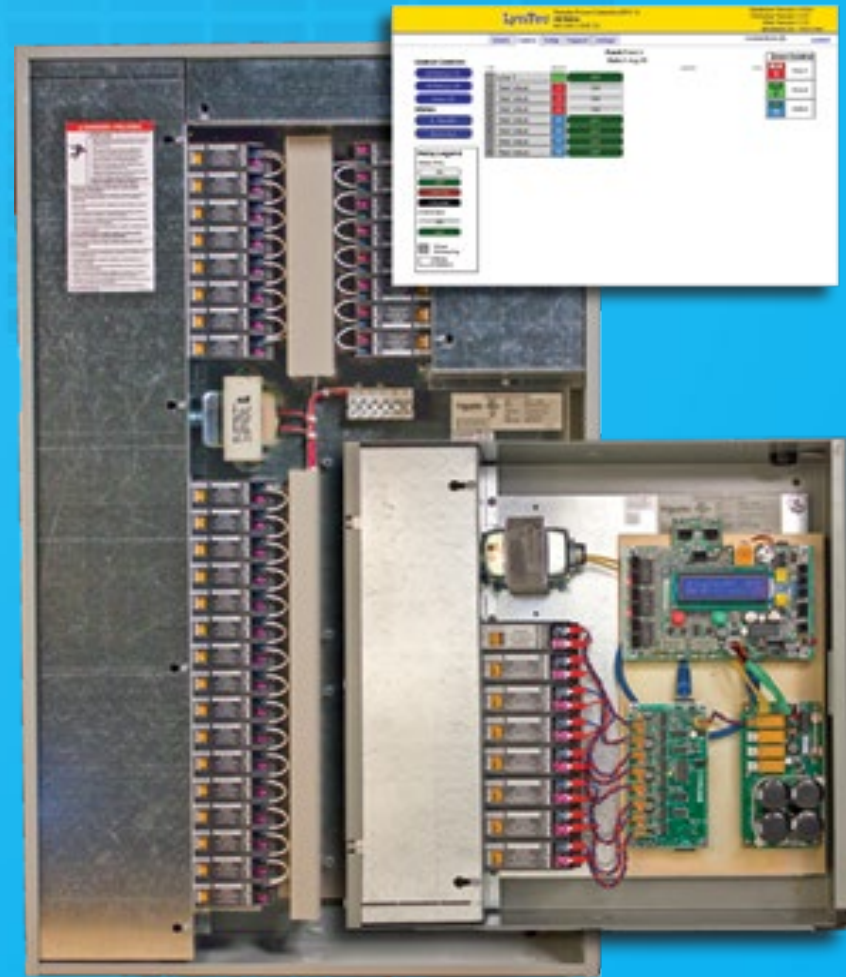
Need more breakers!
lynTEC makes them!
800-714-4047

IPC – Integrated Power Center



RPCR Series

- Self-contained remote control relay panel
- Networkable
- Panasonic HID Hardware
- Comes Ready to Install
- UL-924 listed
- Configurations include 8-64 relay's



RPCR Multi-Panel Control



NPAC Series

- Rack mounted relay solution
- Panasonic HID relays
- Networkable
- 4 - 20 amp circuits
 - 80 amps per unit
- 2-RU enclosure
- Plug & Play
 - No electrician required!



Web-enabled Networkable Features

- On board Web-Server
- Control Protocols: DMX, sACN, IP/HTTP, Telnet, Contact Closures
- Control up to 12 zones
- Astronomical Clock
- No on-site factory commissioning or software-licensing

Remote Power Controller (RPC-2)
LynTec Test Job
11/17/2014 13:29:52
Master panel temp: 78°F/26°C

Hardware Version: 2.5
Firmware Version: 2.61
Web Version: 2.8
Network: Connected

Monitored VAC: 123 VAC
Logic Core(3.3v): 3.25 v
Peripherals(5.0v): 5.01 v
Cap Buffer(24.0v): 24.1 v

DMX512: Disabled
sACN: Disabled
AC Monitoring: Disabled
SD Storage: Disabled

Status | Control | Setup | Support | Event Log | Logout

Setup Home | Network | Panels | Alerts | Schedules | Contact Closures

Save Changes | Undo Changes | Scan Breakers

Bottom Feed (default) | Top Feed

Panel: Panel A
Date: 1-Jan-12

CIR	DESCRIPTION	ADDR	B	L	E	BREAKER	BREAKER	E	L	B	ADDR	DESCRIPTION	CIR
1	Breaker 01	97	✓	✓	✓	[07] sACN	[08] sACN	✓	✓	✓	181	Breaker 16	21
3	Breaker 02	98	✓	✓	✓	[08] sACN	[09] sACN	✓	✓	✓	483	Breaker 17	4
5	Breaker 03	99	✓	✓	✓	[09] sACN	[10] sACN	✓	✓	✓	483	Breaker 18	6
7	Breaker 04	105	✓	✓	✓	[109] sACN	[107] sACN	✓	✓	✓	107	Breaker 19	8
9	Breaker 05	100	✓	✓	✓	[109] sACN	[108] sACN	✓	✓	✓	108	Breaker 1A	10
11	Breaker 06	101	✓	✓	✓	[101] sACN	Ass	✓	✓	✓	12	Breaker 1B	12
13	Breaker 07	102	✓	✓	✓	[102] sACN	[110] sACN	✓	✓	✓	110	Breaker 1C	14
15	Breaker 08	106	✓	✓	✓	[108] sACN	Ass	✓	✓	✓	16	Breaker 1D	16
17	Breaker 09	103	✓	✓	✓	[103] sACN	[109] sACN	✓	✓	✓	109	Breaker 1E	18
19	Breaker 0A	104	✓	✓	✓	[104] sACN	Ass	✓	✓	✓	20	Breaker 1F	20
21	Breaker 0B	21	✓	✓	✓	[1] 1 sec	Ass	✓	✓	✓	22	Breaker 20	22
23	Breaker 0C	23	✓	✓	✓	[2] 1 sec	Ass	✓	✓	✓	24	Breaker 21	24
25	Breaker 0D	25	✓	✓	✓	[3] 1 sec	Ass	✓	✓	✓	26	Breaker 22	26
27	Breaker 0E	27	✓	✓	✓	[4] 1 sec	Ass	✓	✓	✓	28	Breaker 23	28
29	Breaker 0F	29	✓	✓	✓	Ass	Ass	✓	✓	✓	30	Breaker 24	30
31	Breaker 10	31	✓	✓	✓	Ass	Ass	✓	✓	✓	32	Breaker 25	32
33	Breaker 11	33	✓	✓	✓	Ass	Ass	✓	✓	✓	34	Breaker 26	34
35	Breaker 12	34	✓	✓	✓	Ass	[111] sACN	✓	✓	✓	111	Breaker 27	36
37	Breaker 13		✓	✓	✓	LynTec Power		✓	✓	✓		Breaker 28	38
39	Breaker 14	35	✓	✓	✓	Ass	Ass	✓	✓	✓	37	Breaker 29	40
41	Breaker 15	38	✓	✓	✓	Ass		✓	✓	✓		Breaker 2A	42

Zone Control
Select Zone, then Breakers
Edit Test Zone Mode Name/Seq Options

Zone	Mode	Name/Seq	Options
1	sACN	[97] U1@1	Individual
2	sACN	[481] U2@	Individual
3	Sequenced	No CC	No Schedul
4	Disabled	[5] CC 05	No Schedul
5	Disabled	[6] CC 06	No Schedul
6	Disabled	[7] CC 07	No Schedul
7	Disabled	[8] CC 08	No Schedul
8	Disabled	[9] CC 09	No Schedul
9	Disabled	[10] CC 0A	No Schedul
10	Disabled	[11] CC 0B	No Schedul
11	Disabled	[12] CC 0C	No Schedul
12	Disabled	[13] CC 0D	No Schedul

Brownout VAC
Nominal: 120
Low (<20%): 96
Recovery (>2%): 108

Breaker Legend
Non-Motorized or Empty

Configurable
B L E

Checkboxes
E - Active on E. Shutoff
B - Active on Brownout
L - Inactive on E. Lighting

Handouts

- Product Literature Kit
- How LynTec Benefits Your System
- Product Matrix
- Designing Power Control Solutions with LynTec
- Competitive Analysis
- 2018 Price Guide

Discussion / Questions

- Design Support
- Job Registration/Forecasting
- Quoting
- Submittals
- Order Entry
- Delivery
- Installation/Commissioning
- Trouble Shooting
- Warranties