



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"



Visionary Products For Resourceful Professionals

2024 CATALOG

1923 Highfield Crescent S.E.
Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS.RETRO (577.3876)

WWW.JOHNSONSYSTEMS.COM



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com



This PDF catalog features hyperlinks to applicable content available on our website.

While browsing the catalog, click on an icon (as shown above) to automatically view reference content on our website.

MSP Catalog

Effective February 2024



Contents

Lighting Controls

- Architectural
- Theatrical
- Multi-Room DMX
- Accessories



Pages 4 - 9

LED Dimmer & Relay Panels

Presidor™ Wall Mount Racks



Pages 10, 11

Retrofit LED Dimmer Modules

Presidor™ Dimmers for CD80®SV & C21 + DE90



Page 12

Retrofit Non-Dim Relay Modules

For CD80®, CD80®AE, CD80®SV, C21 & DE90



Page 13

Retrofit Control Systems

- 3000+ Series
- Universal



Pages 14 - 17

DMX Products

- Mergers/Managers
- DMX to 0-10VDC Demux
- DMX Control Modules & Kits



Page 18

XLR Connectors & Receptacle Plates



Pages 19 - 20

Parts & Support

- SSR's
- Fans
- Power Supplies
- Refurbished Dimmers



Pages 21 - 24

Discontinued Products

- ICON Series
- Control Systems
- Preset Controls
- Analog Controls
- DMX Controls
- Adaptor Plates & Receptacles
- Firing Cards



Page 26



Pages 28 - 36



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com

**All prices shown
in this catalog are
in US Dollars.**

**Please contact
the factory for
Custom Design
Services and OEM
inquiries.**

Products & Payments

JOHNSON SYSTEMS INC. (JSI) products and boxed goods may be sold factory direct in geographical locations without supporting dealers. JSI encourages all customers to purchase through a JSI dealer wherever possible especially if system integration and a high level of product service and support are desired. JSI reserves the right to direct any sale to the nearest supporting dealer and/or authorized service provider. Some products are Priced On Application (POA) and may require the technical expertise of certain "Authorized Dealers".

All POA equipment quotes must be registered with applicable project name and location. Please contact your JSI dealer for pricing or JSI Sales directly for pricing, quotation and project registration via e-mail at sales@johnsonsystems.com. We request at least 48 hours notification to provide formal quotation on POA products please. All factory direct sales must be paid in full including shipping charges prior to shipping. Payment will be accepted via Visa, MasterCard, American Express, certified check or bank wire only. A 3.5% fee will apply for major credit cards payments exceeding \$2,500.00.

Orders

We try our best to ship all orders within three to five (3 - 5) business days from receipt of purchase order or payment. Some equipment is built to suit and requires additional lead time. Additional notice is always appreciated! All orders require either e-mailed or faxed order details clearly stating the full and complete JSI part number as detailed in the catalog or website. Orders received that do not clearly specify the exact part and color may result in order processing delays. Sorry, no hold-for-release orders on "boxed goods", hold-for-release orders will only be considered for "systems".

The minimum order amount is \$250.00 excluding freight. All "boxed good" sales are final. It is the responsibility of the purchasing party to ensure the correct equipment is being ordered. JSI's sole responsibility shall be to replace or repair any product which has been deemed defective upon inspection by JSI or authorized agent during the warranty period (also see page 35 - Warranty).

Shipping

We try our best to ship all orders within three to five (3 - 5) business days from receipt of purchase order or payment. In addition to a full and complete shipping address (PO Boxes are not acceptable), US Homeland Security Regulations require the consignee's Federal Tax Identification Number or E.I.N. JSI manufactured products are usually shipped based on their weight and required delivery date. JSI receives volume discount pricing on air transport service.

To minimize cost and paperwork, please let us take care of the shipping cost and add to your invoice. No mark-up applies; this reduced shipping cost is simply passed on to the purchasing party. This is the most efficient and reliable way for us to ship product. Collect shipments may not be possible with certain carriers. Expedited shipments can be arranged for an additional charge.





Presidor™ Wall Stations (PWS)

DMX Snapshot: Multi-Zone Controls and Streaming DMX Controls

Presidor™ Wall Stations (PWS) represent the next step in Architainment Lighting Controls. Intuitive operation is coupled with state-of-the-art capacitive touch technology permitting powerful distributed lighting controls for single or multi-room environments. Attractive 1 gang "Patent Protected" design is supported by color-matched adapter plates up to 7 gang and surface mount back boxes. Up to 70 presets on one universe of DMX512, a PWS can operate as either a DMX console or a DMX snapshot/playback device. Flexible and programmable auxiliary contact input and real-time scheduling allow for a myriad of interface possibilities with Building Management and Show Control systems. Wiring topology is fast, simple and inexpensive with standard Cat5/5e or Cat6 cabling using standard RJ-45 connectors. Daisy-chain up to 15 stations per room for multi-room environments of up to 25 rooms when used with Presidor™ Room Linker/Combiners (PRLC).

PRESIDOR™ Architectural Control Solutions



Architectural
PWS-70P-DMX-W



Theatrical
PWS-70P-DMX-B



PWS-70P-PORT-B
Portable PWS, Black, 70 Presets c/w 10' control cable, single gang plate with 10 pin XLR receptacle.



24VDC DIN mounted 60 Watt power supply.



PWS DEMO-KIT
Portable PWS demo kit c/w two PWS-70P stations, DMX input/output receptacles and power cable.

Digital Wiring Models

Model	Description/Application	MSP
PWS-70P-DMX-W	PWS, White, 70 Presets, DMX512 input and output, RS485 inter-station communication.	1,445
PWS-70P-DMX-B	PWS, Black, 70 Presets, DMX512 input and output, RS485 inter-station communication.	1,445
PWS-70P-PORT-B	Portable PWS, Black, 70 Presets, c/w 10' control cable, single gang plate with 10 pin XLR receptacle.	2,895
PWS-70P-KIT-W NEW for 2024	Kit containing one PWS-70P-DMX-W (white) plus one 24VDC 60 Watt DIN rail mounted power supply.	1,660
PWS-70P-KIT-B NEW for 2024	Kit containing one PWS-70P-DMX-B (black) plus one 24VDC 60 Watt DIN rail mounted power supply.	1,660
PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS controls.	350
PWS-70P-DMX-PBC-W Coming Soon!	PWS, White, 70 Presets, DMX512 input and output. Realtime record and playback of streaming DMX up to 4 hours.	P.O.A.
PWS-70P-DMX-PBC-B Coming Soon!	PWS, Black, 70 Presets, DMX512 input and output. Realtime record and playback of streaming DMX up to 4 hours.	P.O.A.
PWS-DEMO-KIT	Portable PWS demo kit c/w two PWS-70P stations, DMX input/output receptacles and 4' power cable.	3,295

19 U.S., Canadian, and European Patents issued!



Presidor™ Wall Stations (PWS)

Analog Wiring Models

Johnson Systems specifically developed a version of Presidor™ Wall Stations that could easily retrofit into older "Heritage Buildings" with wide range of analog wiring without the need to run modern CAT5 or similar wiring to achieve a digital control station upgrade. Our unique inter-station communication — we refer to as Unipolar Bi-Direction Protocol (UBD) — allows quick retrofit wherever 3 conductors (daisy-chain) or 4 conductors (star) exist. This protocol operates on a single wire of virtually any type and allows for digital communication between the room "Main" PWS station and connected "Secondary" stations up to 12 stations per room. It is necessary to operate this model of station at a higher voltage between 24VDC & 48VDC. A Main/Master station will output up to 512 channels of DMX. Presets are limited to 20 compared with the standard 70 preset capability of the PWS-70P-DMX (previous page) in order to maintain function and noise immunity at the lower baud rate of this unique protocol. Minimum 4 wires required. Maximum distance between stations dependent on wiring type and gauge. Recommend power supply is model #PS-DIN-24 (page 23), available in the PWS-KITS or stand alone.



Architectural
PWS-20P-RETRO-W



Theatrical
PWS-20P-RETRO-B

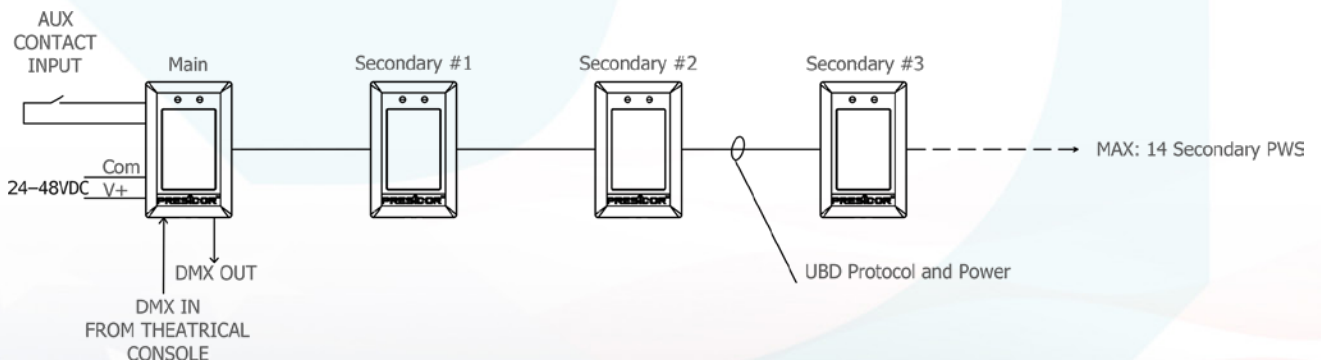


PWS-20P-RETRO-KIT



Analog Wiring Models

Model	Description/Application	MSP
PWS-20P-RETRO-W	PWS, White, 20 Presets, DMX512 input and output.	1,445
PWS-20P-RETRO-B	PWS, Black, 20 Presets, DMX512 input and output.	1,445
PWS-20P-RETRO-KIT-W NEW for 2024	Kit containing one PWS-20P-RETRO-W (white) plus one 24VDC 60 Watt DIN rail mounted power supply.	1,660
PWS-20P-RETRO-KIT-B NEW for 2024	Kit containing one PWS-20P-RETRO-B (black) plus one 24VDC 60 Watt DIN rail mounted power supply.	1,660
PWS-20P-PORT-B	Portable PWS, Black, 20 Presets, c/w 10' control cable, single gang plate with 10 pin XLR receptacle.	2,895
PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS controls.	350



19 U.S., Canadian, and European Patents issued!



Presidor™ Room Linker/Combiner (PRLC-4)

Presidor™ Room Linker/Combiner (PRLC-4) is an intelligent multi-port DMX512 merger designed as the “hub” for the Presidor™ Wall Stations (PWS). PRLC-4 will allow input streams of DMX512 data to be merged when contact inputs are “patched” to create a larger room/zone. Each PRLC-4 will support up to 4 rooms/zones of PWS wall stations (DMX512) with isolated DMX inputs and an integrated 48VDC power supply to each room/zone. Multiple PRLC-4’s (maximum 8) can be cascaded together with RJ45 connection to permit up to 25 rooms/zones of PWS controls merged into a single DMX512 output. Field connections are either via RJ45 with Cat5/5e/6 wiring or terminal block over existing Belden 9773 wiring. Four (4) programmable maintained dry-contact inputs permit PWS (Presidor™ Wall Station) linking in any possible room/zone combination. At only 1RU in height the PRLC-4 will fit in any standard 19" rack or can be supplied with a small purpose built 19" wall mount rack (PRLCR-4U).



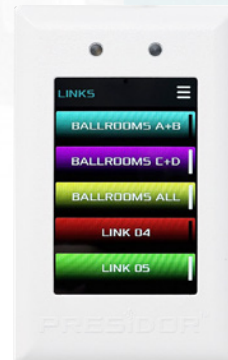
PRLC-4 Front



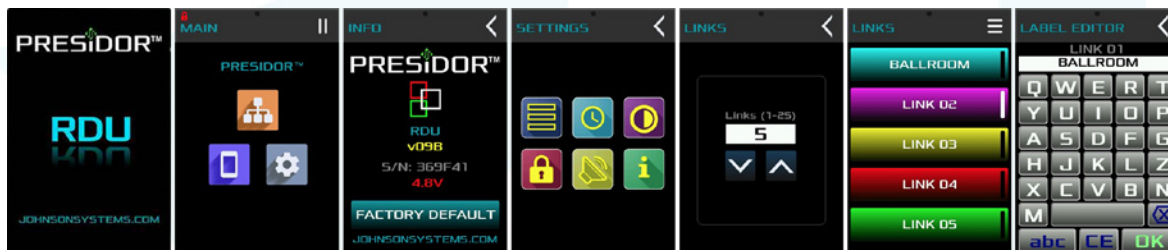
PRLC-4 Rear



PRLCR-4U • 19" x 4RU Rack
 c/w two PRLC-4's (sold separately)



PWS-RDU-25R-W
 Touch Panel GUI Room Linker



Model	Description/Application	MSP
PRLC-4	Room Linker/Combiner, 4 x DMX inputs, DMX512 output.	P.O.A.
PRLCR-4U	PRLC 19" Wall Rack. Supports up to 4 x PRLC-4.	1,650
PWS-RDU-25R NEW for 2024	Remote Display Unit (Link Station) for linking up to 25 rooms.	P.O.A.

NOTE: POA products require project name and location for quotation.
 U.S. Patent No.: 11,304,283



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com

PRESIDOR™

Architectural Control Solutions

Pronounced: "Pres-e-door"

Johnson Systems (JSI) website features all current JSI production products as well as JSI product one-sheets, user manuals, and product specifications.

JOHNSON SYSTEMS INC.
"PROFESSIONAL LIGHT CONTROL PRODUCTS"

Home | Products | Support | Installations | Reference | Contact | Search JSI

WHAT'S NEW!
NEW! Download the 2024 JSI Catalog!

JOHNSON SYSTEMS INC. (JSI) is a designer and manufacturer of entertainment and architectural lighting control products and systems. Our equipment installations reach globally into television studios, theatres, churches, convention centers, hotels, educational facilities, museums and theme parks. Products range from state-of-the-art LED dimming, power distribution, and architectural control solutions to the widest range of retrofit dimming and control equipment available for existing installations. Our growing range of visionary products and in-depth integration experience offer resourceful professionals unique products and solutions with unsurpassed value!

JOHNSON SYSTEMS INC. (JSI) — Keeping the Lights On Since 1987!

"Visionary Products For Resourceful Professionals."

- Presidor™ Lighting Controls
- Retrofit Control Systems
- LED Dimmer & Relay Panels
- Retrofit LED Dimmer Modules
- Retrofit Non-Dim Relay Modules
- DMX Products
- XLR Connectors & Receptacle Plates
- Parts & Support
- Discontinued Products

JSI products and boxed goods may be sold factory direct in geographical locations without supporting dealers. In territories with JSI dealer representation, all leads and inquiries are referred to the appropriate dealers. New dealer inquiries welcome!

plus Our membership in PLASMA1775 certifies our commitment to professionals and our industry.

UL Johnson Systems Inc. products are ETL listed and comply with UL918 and CUL912 approval safety agencies.

YouTube

Copyright © 2024, Johnson Systems Inc. All Rights Reserved.






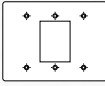
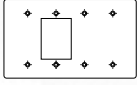
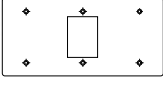
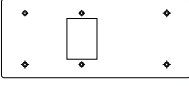
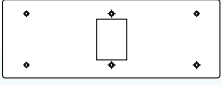


Presidor™ Wall Station (PWS) Accessories

Model	Description/Application	MSP
PWS-MOUNT-W	Replacement PWS Mounting Kit. 4 Piece Set, White.	40
PWS-MOUNT-B	Replacement PWS Mounting Kit. 4 Piece Set, Black.	40

Presidor™ Adaptor Plates

Sized for exact fit with Presidor™ Wall Stations (PWS), these plates permit installation of PWS in a variety of gang wall boxes up to 7 gang. Cut from 18-gauge steel and powder coated in white or black finish, these Adaptor plates make installation of PWS in existing back boxes a breeze!

Model	Description/Application	MSP
 PA-2A1-White PA-2A1-Black	 2 gang to 1 gang Adaptor Plate.	99
PA-2A1-DMX-White PA-2A1-DMX-Black	 2 gang to 1 gang Adaptor Plate c/w 5 pin XLR DMX Input.	140
PA-3A1-White PA-3A1-Black	 3 gang to 1 gang Adaptor Plate.	99
PA-4A1-White PA-4A1-Black	 4 gang to 1 gang Adaptor Plate.	115
PA-5A1-White PA-5A1-Black	 5 gang to 1 gang Adaptor Plate.	115
PA-6A1-White PA-6A1-Black	 6 gang to 1 gang Adaptor Plate.	115
PA-7A1-White PA-7A1-Black	 7 gang to 1 gang Adaptor Plate.	115



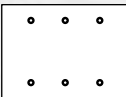
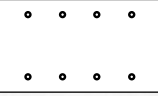
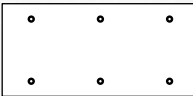
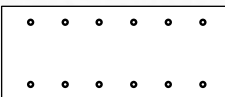
**Pricing discounts only apply if purchased with a Presidor™ Wall Station (PWS).
One (1) plate per PWS otherwise MSP shall apply to all orders.**

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



Presidor™ Cover Plates

Cover un-used and abandoned gang wall boxes with an attractive color matched solution. Available from single up to 6 gang, these 18-gauge steel plates are available in both white and black power coat finish!

Model	Description/Application	MSP
PA-1B-White PA-1B-Black	 1 gang blank plate. Dimensions: 3.00" x 4.88".	40
PA-2B-White PA-2B-Black	 2 gang blank plate. Dimensions: 4.81" x 4.88".	50
PA-3B-White PA-3B-Black	 3 gang blank plate. Dimensions: 6.63" x 4.88".	60
PA-4B-White PA-4B-Black	 4 gang blank plate. Dimensions: 8.44" x 4.88".	65
PA-5B-White PA-5B-Black	 5 gang blank plate. Dimensions: 10.25" x 4.88".	70
PA-6B-White PA-6B-Black	 6 gang blank plate. Dimensions: 12.05" x 4.88".	80

Presidor™ Surface Boxes

For a professional looking finish! Designed specifically for Presidor™ Wall Stations (PWS), these rugged 18-gauge steel boxes feature welded seams, pre-tapped 6-32 holes for precise station mounting and 5 laser cut conduit entry options. These boxes allow for precision alignment of an installed PWS with no over-hang or sharp edges. Available in white or black powder coat finish in single or two gang sizes.



Model	Description/Application	MSP
PSB-1-White	1 gang Surface Box.	165
PSB-1-Black	1 gang Surface Box.	165
PSB-2-White	2 gang Surface Box.	195
PSB-2-Black	2 gang Surface Box.	195

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



Presidor™ LED Dimmer & Relay Panels

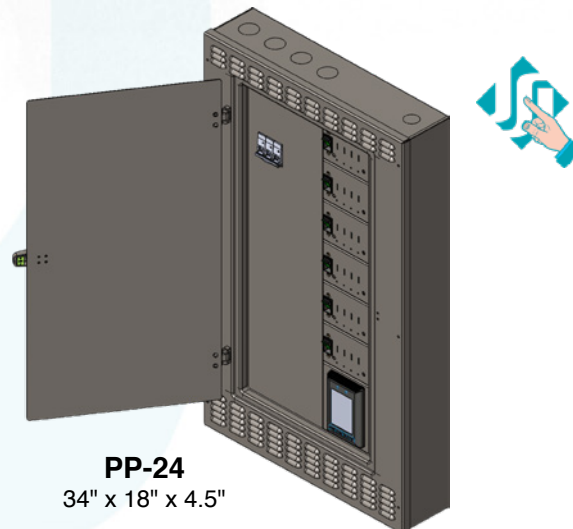
New for 2024! Presidor™ Lighting Panels permit a selection of both LED dimmer and relays in the same enclosure for highly efficient and cost-effective installations. DMX input with optional DIN rail node allows for wide application in two panel sizes. Small panels are available in either 8 or 12 channels while the large panel supports up to 24 channels. The large panel also has an optional splitter panel with local 3 pole 40 Amp disconnect breaker for larger installations. Panels can be ordered custom built with the modules of choice pre-installed at the factory in the chosen order. Module choices are quad dimmer, quad relay or dual relay.



Intelligent dimmers are state-of-the-art reverse phase controlled rated at 600W and will dim both LED and incandescent loads over a full range of dimming (1-100% DMX). Air-gap relays are triggered ON/OFF at selectable DMX% thresholds from 10-90%. 0-10VDC analog outputs can be programmed as source or sink to permit direct drive of analog ballasts. Sensing protection on all circuits includes overload, short-circuit, temperature, over-voltage, inductive load and more. Both LED indication and real time error reporting back to the command control provide advanced feature reporting normally only found in very expensive dimmers.

The Presidor™ Command Controller provides a full color, capacitive touch GUI for ease of set up and automatic error reporting. Intuitive operation and smart capabilities make these panels unique.

- ✦ Reverse phase LED dimmers and air-gap relays in one panel.
- ✦ Dimmers employ MOSFET power outputs for unsurpassed dimming efficiency (≥99%).
- ✦ Relay modules employ 277VAC rated 50 AMP tungsten "Air-Gap" Relays.
- ✦ Modular design permits ease of panel configuration.
- ✦ DMX input with optional Ethernet node.
- ✦ Analog 0-10VDC source or sink on the relay outputs.
- ✦ Available in 8, 12 or 24 channel.
- ✦ Optional local disconnect breaker.
- ✦ Intelligent load and error sensing and reporting.
- ✦ Full color, capacitive touch GUI Command Control.
- ✦ Ultra-low standby power for "Green" compliancy.
- ✦ UL Listing Pending.



PP-24
34" x 18" x 4.5"

*19 U.S., Canadian,
and European
Patents issued!*

Module Types



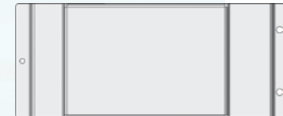
Type L = 4 x 600 Watt LED Dimmer Module



Type 4 = 4 x 600 Watt Relay Module



Type 2 = 2 x 1200 Watt Relay Module



Type A = Blank Airflow Module



Presidor™ LED Dimmer & Relay Panels

HOW TO ORDER

Select Panel Size based on the maximum number of modules/channels possible:

- **PP-8** = 2 modules or 8 channels maximum
- **PP-12** = 3 modules or 12 channels maximum
- **PP-24** = 6 modules or 24 channels maximum

1. Select panel size, choices 8, 12 or 24.
2. Select voltage input, choices 120/208 or 120/240.
3. Select output/module type in order from top to bottom, choices L, 4, 2, or A.
4. Select disconnect breaker option (DB) if applicable.



For recommended control, please see Presidor™ Wall Controls (PWS) on page 4.



Panel Size & Capacity	Power Input	Module Type & Order	Options
PP-8	120/208 = 120/208 VAC 3Ø 5 Wire	Type L = 4 x 600 Watt LED Dimmers	DB = Disconnect Breaker
PP-12	120/240 = 120/240 VAC 1Ø 4 Wire	Type 4 = 4 x 600 Watt Relays	(Only available on PP-24)
PP-24		Type 2 = 2 x 1,200 Watt Relays	
		Type A = Airflow / Block-off Module	

EXAMPLE:

PP-24 - 120/208 - L442A - DB



Model	Description / Maximum Output Capacity	MSP
PP-8	Small panel, 2 module capacity, Maximum 8 load circuits. Maximum capacity 4,800 Watts.	P.O.A.
PP-12	Small panel, 3 module capacity, Maximum 12 load circuits. Maximum capacity 7,200 Watts.	P.O.A.
PP-24	Large panel, 6 module capacity, Maximum 24 load circuits. Maximum capacity 14,400 Watts. Dimensions: 34" x 18" x 4.5".	P.O.A.
DB	Optional 3P40A Disconnect Breaker. For PP-24 only!	P.O.A.
Type L	Quad LED Dimmers, 4 x 600W Intelligent Dimmers. Maximum capacity 2,400 Watts.	P.O.A.
Type 4	Quad Air-Gap Relays, 4 x 600W Intelligent Relays. Maximum capacity 2,400 Watts.	P.O.A.
Type 2	Dual Air-Gap Relays, 2 x 1,200W Intelligent Relays. Maximum capacity 2,400 Watts.	P.O.A.
Type A	Airflow/Block-off. Permits future panel capacity expansion.	P.O.A.

NOTE: External DIN adders such as Ethernet Nodes or Dual DMX Mergers sold separately or included in the panel price based on spec.

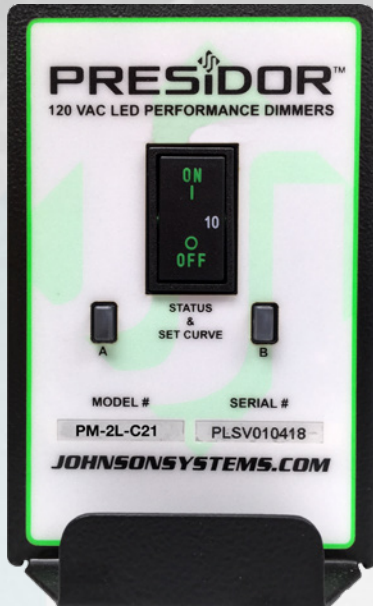
NOTE: POA products require project name and location for quotation.

19 U.S., Canadian, and European Patents issued!





Retrofit Presidor™ LED Dimmer Modules



PRESIDOR™ Intelligent Power Control

120VAC LED Dimmers for Strand CD80® Supervisor and C21 Dimmer Racks. Employing next-generation MOSFET power devices, these Dimmer Modules are designed for direct plug into any dual 2.4KW rack slots. These modules provide a fast conversion to state-of-the-art LED dimming boasting dimming efficiency of ≥99%. Leveraging the same intelligent control circuitry as used in the Presidor™ LED Dimmer Racks, these modules are controlled with our CD-3000+ processors for state-of-the-art dimming.

Each dimmer module contains two isolated, reverse phase controlled dimmers rated at 600 Watts and will dim both LED and incandescent loads over a full range of dimming (1-100% DMX). Unique digital curve selection allows for user selectable low end curve setting. Sensing protection on each dimmer includes overload, short-circuit, temperature, over-voltage, inductive load and more. RGB LED indication permits fast diagnosis of any load error events.

- ⚡ Each module contains two 600 Watt reverse phase dimmers.
- ⚡ Chokeless MOSFET power outputs for unsurpassed dimming efficiency (≥99%).
- ⚡ Designed for use with CD-3000+ rack processors only!
- ⚡ Dims both LED and Incandescent loads from 1-100% DMX.
- ⚡ Intelligent load sensing.
- ⚡ Instant software load shut-off for short-circuit, overload, over-temp, inductive load, and more.
- ⚡ Ultra-low standby power for "Green" compliancy.
- ⚡ RGB LED feedback for fast diagnosis of load.
- ⚡ ETL compliant module & UL489 10 Amp Breaker.



For use with CD-3000+ rack controls only!



PM-CD80SV Rear View



PM-C21 Rear View



PM-2L-DE

Model	Description (Dimmers)	MSP
PM-2L-C21	Dual 600 Watt LED Dimmer Module for C21 Dimmer Racks.	1,495
PM-2L-SV	Dual 600 Watt LED Dimmer Module for CD80® Supervisor Dimmer Racks.	1,495
PM-2L-DE	Dual 600 Watt LED Dimmer Module for Digital Environ (DE90) Dimmer Racks.	1,495








All "boxed good" sales are final. **It is the Dealer's responsibility to ensure the correct equipment is being ordered.**

NOTE: Designed for use with 120VAC dimmable ballast LED loads. LED lamp performance can vary widely depending on manufacturer, model and quality of the lamp and/or its internal power supply. It is recommended that a live test of a LED lamp type is performed prior to volume purchase to assure the low end dimming performance is suitable for application. Lamp types should not be mixed on the same dimmer circuit. JSI will not assume any responsibility for poor low end lamp performance associated with some lower cost/quality products.



Retrofit Non-Dim Relay Modules For Strand CD80®, C21, and DE90

Convert your dimmer circuits to switched power circuits on the fly. Plug & Play CD80® Power Modules.

-  DMX Non-Dim relay control of devices/loads requiring pure sinusoidal AC Power.
-  Designed for use with Johnson Systems CD-3000+ Control Systems. Not compatible with OEM rack controls.
-  All models feature dual 20 Amp magnetic breakers with a UL 489 rating.
-  277VAC rated 50 Amp tungsten "air-gap" relays.
-  Blue control LED indication of relay activation/closure.
-  Dual 20 Amp constant power modules also available.
-  ETL compliant.



For use with CD-3000+ Control Systems ONLY! See note below.

Model	Description/Application	MSP
C21-PM	Dual 20 Amp Non-Dim Relay Power Module For C21.	650
C21-CM	Dual 20 Amp Constant Power Module For C21.	390
C21-FM	Filler Module For C21.	225
CD80PM-SV	Dual 20 Amp Non-Dim Relay Power Module for CD80® Supervisor (SV).	650
CD80CM-SV	Dual 20 Amp Constant Power Module for CD80® Supervisor (SV).	390
CD80FM-SV	Filler Module for CD80® Supervisor (SV).	225
CD80PM-AE	Dual 20 Amp Non-Dim Relay Power Module for early generation CD80® and CD80® Advanced Electronics (AE).	650
CD80CM-AE	Dual 20 Amp Constant Power Module for early generation CD80® and CD80® Advanced Electronics (AE).	390
CD80FM-AE	Filler Module for early generation CD80® and CD80® Advanced Electronics (AE).	225
DE90PM	Dual 20 Amp Non-Dim Relay Power Module for Environ 2 or Digital Environ.	650
DE90CM	Dual 20 Amp Constant Power Module for Environ 2 or Digital Environ.	390
CD80AE-MCS	Module Connector/Pin Set.	150
CD80AE-RCS	Rack Connector/Pin Set.	150
CD80SV-MCS	Module Connector/Pin Set.	150
CD80SV-RCS	Rack Connector/Pin Set.	150
C21-MCS	Module Connector/Pin Set.	150



CD80AE-MCS



CD80AE-RCS



CD80SV-MCS



CD80SV-RCS



C21-MCS

Module connector/pin sets above are new, NOT refurbished.

NOTE: A two (2) year warranty applies to CD80® Power Modules if controlled by Johnson Systems CD-3000+ or CD-2000+ control systems. **No warranty or product return is available if these products are used, even temporarily, with any OEM controls as they are incompatible.** The inferior and unprotected drive signals in certain controls may damage this equipment.

All "boxed good" sales are final. **It is the Dealer's responsibility to ensure the correct equipment is being ordered.**



3000+ Series Retrofit Control Systems For Strand Dimmers

Engineered Direct Retrofit Control Systems for many common performance and architectural dimming systems including:

- Strand CD80® SV (Supervisor)
- Strand C21
- Strand CD80® AE (Advanced Electronics)
- Strand CD80® AMX Generation
- Strand Environ 2
- Strand DE90 (Digital Environ)



Johnson Systems Inc. products are ETL listed and comply fully with UL508 and CSA22.2 electrical safety approvals. This Internationally recognized safety approval covers the entire assembly specifically for installation into an existing UL approved enclosure (OEM rack) and in no way compromises the electrical safety of the overall system. Official documents available on request.



CD-3000+SV



Most systems can be upgraded in a few hours at a fraction of the cost (typically 10-20%) of complete dimming system replacement alternatives. Furthermore, electrical contracting is eliminated in most cases further reducing costs and facility downtime.



Model	Description/Application	MSP
CD-3000+C21	Strand/Signify C21 permanent installation racks.	P.O.A.
CD-3000+SV	Strand CD80® Supervisor (SV) permanent installation racks.	P.O.A.
CD-3000+SV-48RR	Strand CD80® Supervisor (SV) 48 channel compact rolling racks.	P.O.A.
CD-3000+SV-96RR	Strand CD80® Supervisor (SV) 96 channel compact rolling racks.	P.O.A.
CD-3000+AE	Strand CD80® AMX or Advanced Electronic (AE) permanent installation racks.	P.O.A.
CD-3000+AE-48RR	Strand CD80® AMX or Advanced Electronic (AE) 48 channel rolling racks.	P.O.A.
CD-3000+AE-96RR	Strand CD80® AMX or Advanced Electronic (AE) 96 channel rolling racks.	P.O.A.
CD-3000+U19	Universal 19" 3RU c/w 96 PWM outputs.	P.O.A.
CD-3000+CM	Replacement/spare control module	5,995
DE90-3000	Digital upgrade kit for Strand Digital Environ architectural dimmer racks.	4,950
ENVY 2	Digital upgrade kit for Strand Environ 2 architectural dimmer racks.	4,750
NEW for 2024		
3000-NODE	Universal Ethernet kit.	990

- NOTE:**
1. POA products require project name and location for quotation.
 2. Optional \$2,000.00 Processor Core Credit applied on select products (see page 37).
 3. Any dealers selling or repairing OEM processors will not be eligible for integrator level pricing or core credits.



MX-3000+ and EDI-60 Control Upgrade Kits For EDI/Cooper



The MX-3000+ is a next generation retrofit electronics package designed specifically for upgrading the EDI/Cooper MX Series performance dimmer racks making system replacement completely unnecessary. This full-featured, state-of-the-art control module provides a direct digital interface to most of today's modern lighting communication protocols. Designed based on the successful 3000+ Series control technology developed by JSI, the MX-3000+ shares identical firmware and features as other popular 3000+ Series products. The MX-3000+ installs in minutes by simply "plugging" into the existing OEM backplane after performing minor rack wiring modifications.

Model	Description/Application	MSP
* MX-3000+	Retrofit Processor Kit for EDI/Cooper MX Series Dimmer Racks.	5,995
MX-BLANK	Twilight System Control (TSC) Block Off/Filler Panel.	70
CF-MX	Large Replacement Cooling Fan for EDI/Cooper MX Series Dimmer Racks.	295
CF-MXS	Set of four (4) small Cooling Fans for MX Series Dimmer Racks.	595
EDI-60 NEW for 2024	Replaces Multi-Link processor in Electronic Diversified Mark VII racks up to 60 channels. 1RU.	5,995
3000-NODE	Universal Ethernet kit.	990



For recommended control, please see Presidor™ Wall Controls (PWS) on page 4.

- NOTE:**
1. POA products require project name and location for quotation.
 2. * With optional \$2,000.00 Processor Core Credit applied on select products (see page 37).
 3. Any dealers selling or repairing OEM processors will not be eligible for integrator level pricing or core credits.



Retrofit DMX Control Modules & Kits



Direct plug-in digital control modules for various portable and permanently installed dimming systems including:

- Strand CD80® 12 x 2.4KW Pack
- Strand CD80® 6 x 6.0KW Pack
- Strand CD80® 24 x 1.2KW Pack
- Strand CD80® 24 x 2.4KW Pack
- Strand CD80® 48 x 2.4KW Compact Rolling Rack
- Strand Digital Environ DE90 Architectural Rack
- Strand Environ 2 Architectural Rack



Simple "plug & play" upgrade solutions that replace all the existing electronics. Your upgraded dimmer will have better performance and more advanced features than most new dimmers..

Save time and money! Remember, a temporary protocol conversion does nothing to address the aging control electronic issues of a dimmer system!

DE90-3000



Upgraded Strand Digital Environ DE90 Rack



Strand CD80® 12 Pack upgraded with DPC-12.
30 second install!



DPC-24
Direct Plug-in upgrade
for Strand CD80® 24 Channel Packs



Strand CD80® Packs

Model	Description/Application	MSP
CD-PACK	Original retrofit controller for Strand CD80® 12 x 2.4KW and 6 x 6KW portable dimmer packs.	1,995
DPC-12	Next generation control electronics for Strand CD80® 12 x 2.4KW and 6 x 6KW portable dimmer packs.	2,795
DPC-24	Next generation control electronics for Strand CD80® 24 x 2.4KW and 24 x 1.2KW portable dimmer packs.	2,995
Strand DE-90	DE90-3000 Digital upgrade kit for Strand Digital Environ architectural dimmer racks.	4,950
	ENVY 2 Digital upgrade kit for Strand Environ 2 architectural dimmer racks. NEW for 2024	4,750
Electro Controls	JS-EC12P DMX conversion kit for Electro Controls "Playmate" digital 12 x 2.4KW packs.	2,150

NOTE: 1. POA products require project name and location for quotation.
2. Any dealers selling or repairing OEM processors will not be eligible for integrator level pricing or core credits.



Universal Dimmer Controller

A 19" rack mount version of the CD-3000+ provides a universal brain transplant for virtually anyone's aging dimmer rack that utilizes pulse width modulation (PWM) for forward phase control of standard solid-state relay (SSR) driven dimmers. Contains all standard CD-3000+ features including dual DMX inputs, optional ethernet input, analog inputs, dry contact inputs and more. Measuring only 3 RU's in height, this unit will control up to 96 dimmers via terminal block or RJ45 connector for ease of remote wiring between the CD-3000+ and the dimmer rack. An optional 4RU wall mount enclosure is available for a fast, low-profile professional installation.

- 🔧 CD-3000+ Control System designed for 19" rack installations.
- 🔧 Slim design is only 3RU in height.
- 🔧 Dual DMX inputs with optional ethernet input.
- 🔧 96 PWM dimmer drive outputs configurable for either positive or negative control of phase controllable SSR's.
- 🔧 Interface via "Phoenix" style terminal block or RJ45 connector.
- 🔧 Optional low-profile 19" wall mount rack.

For recommended control, please see Presidor™ Wall Controls (PWS) on page 4.



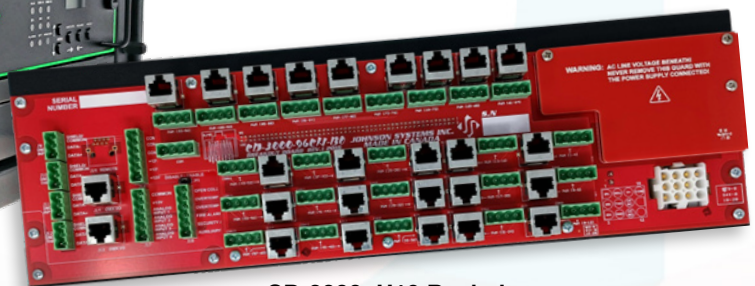
Model	Description/Application	MSP
CD-3000+U19	Universal 19" 3RU c/w 96 PWM outputs. Comes with one (1) CD-3000+ 96 CH-BO installed.	P.O.A.
PRLCR-4U	PRLC 19" Wall Rack. Supports up to 4 x PRLC-4.	1,650
CD-3000+96CH-BO	96 channel breakout PCB c/w "Phoenix" style terminal blocks and RJ45 connectors.	495



CD-3000+U19



PRLCR-4U Wall Rack with CD-3000+U19 Installed



CD-3000+U19 Backplane



DMX 2-PORT Merger/Manager (2 IN, 1 OUT)

- DMX 2-PORT Merger/Manager (2 IN, 1 OUT).
- DMX input port priority or merge selection.
- Lowest cost vs. performance 44 packets per second.
- Available in portable, wall mount or DIN rail module.
- Power and DMX status LED indicators.
- Cascadable for additional input management.

Model	Description/Application	MSP
DMX-2PM	2-PORT Merger housed in portable enclosure c/w power supply. Dimensions: 4.00" x 3.00" x 1.75".	695
DMX-2PM-DIN	2-PORT Merger housed in a DIN rail mountable case c/w with DIN rail. 12VDC power supply by others. Dimensions: 4.00" x 3.00" x 1.75". Recommended Power Supply PS-MINI-12 (See page 23).	545

DMX to 10VDC Analog Converters

- Precision demultiplexers convert DMX512 protocol to 16 bit high resolution 0 to 10VDC.
- Unmatched accuracy and response time.
- Available in 6 or 12 channel increments.
- Up to 20mA drive (source) current per channel.
- Requires 15VDC power supply adaptor (included).

Model	Description/Application	MSP
PD-6	6 Channel Precision Demux. in metal enclosure c/w 15VDC power supply. Black powdercoat finish. Dimensions: 1.0" H x 4.25" W x 4.5" D.	595
PD-12	12 Channel Precision Demux. in metal enclosure c/w 15VDC power supply. Black powdercoat finish. Dimensions: 1.7" H x 4.25" W x 4.5" D.	1,095
PD-6 PCB	6 Channel Precision Demux. PC board only. Requires external 15VDC 500mA power supply. Recommended supply PS-MINI-15 (see page 23).	495
PS-15VADP	15 VDC Power Supply Adaptor.	40









XLR Connector Receptacle Plates

The lowest cost accessory receptacle plates and modules available!



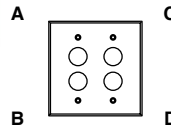
- Designed for lighting, audio and data installers and systems integrators.
- Available in three (3), four (4) & five (5) pin XLR or RJ-45 Neutrik.
- Fast easy wire termination, saves time and money!
- Simple fast mounting without alignment issues and cut fingers competitive products are known for!
- Color matched mounting hardware and labeling included.
- Available in durable black or white powdercoat finish.

Plate prices include user selected module combinations (except the RJ/PD) – See next page.

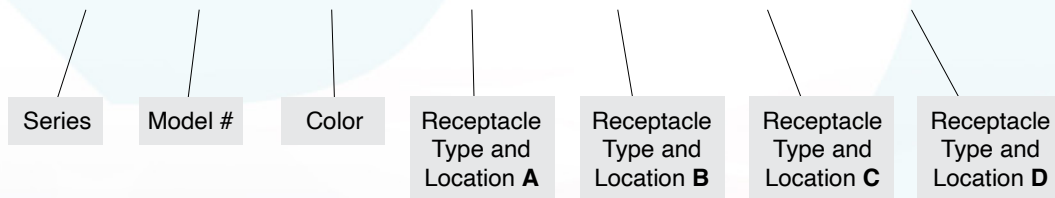
Model	Description/Application	MSP
RP-1x1-White RP-1x1-Black	 1 gang, receptacle plate c/w 1 XLR module and labeling of choice. Dimensions: 3.00" x 4.88".	55
RP-1x2-White RP-1x2-Black	 1 gang, 2 receptacle plate c/w 2 XLR modules and labeling of choice. Dimensions: 3.00" x 4.88".	95
RP-2x2-White RP-2x2-Black	 2 gang, 2 receptacle plate c/w 2 XLR modules and labeling of choice. Dimensions: 4.82" x 4.88".	95
RP-2x4-White RP-2x4-Black	 2 gang, 4 receptacle plate c/w 4 XLR modules and labeling of choice. Dimensions: 4.82" x 4.88".	175

NOTE: 1. Receptacle plates are a non-returnable item.
2. Minimum order is \$250. Please refer to page 3 for details.

EXAMPLE PART NUMBER FOR ORDERING:



RP - 2 x 4 - Black - RM5F - RM5F - RF5M - RF5M



See page 20 for module and label options.

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE

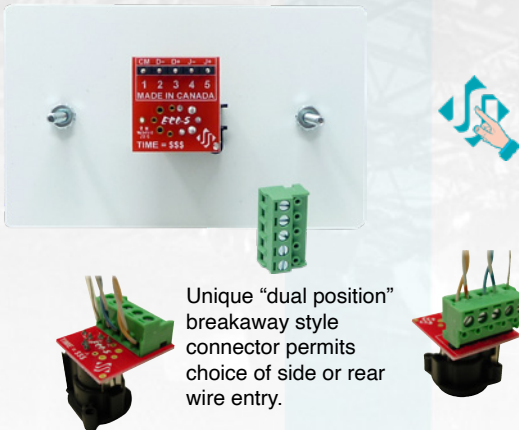


A-Series XLR Connector Receptacle Modules

Designed for lighting, audio and data installers and systems integrators, our series of products are the lowest cost accessory receptacle plates, modules and adaptor plates available! Competitive products are expensive, 'over designed' aesthetically (making them unnecessarily expensive for such a basic item) and some are very time consuming and tedious for the installer. Most dealers have become frustrated at the escalating costs of these basic accessories and the time to install them contributes to a project – a new installation or as part of a repair/upgrade project. Our receptacle plates, modules and adaptor plate products are designed to be inexpensive, durable, quick to install yet "technician friendly" and, most importantly, do the job!

Module Options (modules included in plate price, except RM-RJ/PD)

Model	Description/Application
RM3F	Female 3 pin XLR to terminal/plug.
RM3M	Male 3 pin XLR to terminal/plug.
RM4F	Female 4 pin XLR to terminal/plug.
RM4M	Male 4 pin XLR to terminal/plug.
RM5F	Female 5 pin XLR to terminal/plug.
RM5M	Male 5 pin XLR to terminal/plug.
RMRJ/PD	RJ-45 connector to punch-down connector. <i>(Please add \$20.00 per connector for this option - in plate or \$25.00 each stand alone).</i>
RMIP	Blank insert plug.



A-Series XLR Module Only Pricing

QUANTITY	MSP
1 to 99 units	33
100+ units	

NOTE: For all modules [except the RM-RJ/PD]. Minimum order is \$250. Please refer to page 3.

Custom Simplicity Plate Module Location Identification (Example RP-2x4-White, 2 Gang Plate White)			
		Location & Module	Label
A		A	RM5F DMX A IN
B		B	RMRJ/PD NETWORK
C		C	RMRJ/PD NETWORK
D		D	RM5M DMX A OUT

Simplicity Plates "No Charge" Label Options	
DMX IN	DMX A IN
DMX OUT	DMX A OUT
DMX A	DMX B IN
DMX B	DMX B OUT
HHR	REMOTE
MIC	AUDIO
NETWORK	FUTURE

Please note:
 LABELS ARE SUPPLY ONLY.
 LABEL APPLICATION TO PLATE BY OTHERS.
 Other Labels Available Upon Request.
 Additional Charges May Apply.

NOTE: Orders must contain complete part numbers for plates, modules, location and labeling or it cannot be processed. SEE PREVIOUS PAGE.

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



Parts & Support

A wide range of system expansion and support parts are stocked.

Phase Controllable Solid State Relays



Model	Description/Application	MSP
D40A SSR	Dual 40 Amp SSR. Most common replacement for 20 Amp CD80® or similar dimmers. Supplied with pre-installed thermal pad.	120



Q20A SSR	Quad 20 Amp SSR. Replacement for ICON 2410 & ICON 2413. Supplied with pre-installed thermal pad.	220
-------------	--	-----



S50A SSR	Single 50 Amp SSR. Direct replacement for older 20 Amp CD80®, Environ or similar dimmers. Supplied with pre-installed thermal pad.	95
-------------	--	----



S125A SSR	Single 125 Amp SSR. PWM input control. Supplied with pre-installed thermal pad.	175
--------------	---	-----

SCR Power Packs



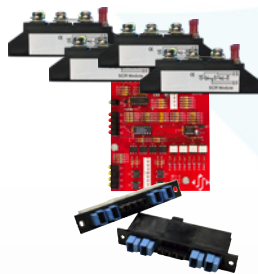
Model	Description/Application	MSP
EC GEN1 PACK	Replacement SCR packs for early generation EC Quad and Alpha Series dimmers. 1/4" spade "quick connect" terminals.	90



EC GEN2 PACK	Crydon M505042 packs for late model EC Quad and Alpha Series dimmers. Directly replaces PP4236 and PH5006. Includes snubber and connectors.	175
-----------------	---	-----



EC GEN3 PACK	Heavy duty 50 Amp SCR packs for late model EC Quad and Alpha Series dimmers. Replaces PP4236 and PH5006. Includes snubber and connectors.	120
-----------------	---	-----



90A SCR	Universal 90 Amp SCR pack. Includes snubber.	175
---------	--	-----

Electro Controls (EC) Quad Dimmer Support Parts

Model	Description/Application	MSP
QD-MU Kit	EC Quad module upgrade kit. Includes four GEN3 SCR's, one FC-330 Quad firing card and all hardware.	750

QD-RPC	Rear power connector for EC Quad dimmers. Power pins sold separately.	150
--------	---	-----



DANGER • HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Disconnect all power before installing or working with this equipment.
- Verify all connections and replace all covers before turning on power.

Failure to follow these instructions can result in serious injury or death.

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE










Parts & Support

A wide range of system expansion and support parts are stocked.

Fan costs include import duties, brokerage + taxes.

Replacement Cooling Fans

Model	Description/Application	MSP
 CF-CD80R	<ul style="list-style-type: none"> • Strand CD80® AE. • Strand CD80® Supervisor. • Strand C21. • Johnson Systems CD-2000. • Johnson Systems CD-3000. 	295
 CF-CD80P	<ul style="list-style-type: none"> • Strand CD80® 12 x 2.4KW Portable Pack. • Strand CD80® 24 x 1.2KW Portable Pack. • Strand CD80® 24 x 2.4KW Portable Pack. • Strand Environ 2 Architectural Dimmer Rack. • Electro Controls Playmate 12 x 2.4KW Portable Pack. • Electro Controls Alpha Series Dimmer Rack. • 119mm x 119mm x 38mm. 115VAC. 	175
 CF-DE90	Strand DE90 (Digital Environ) Architectural Rack.	150
 CF-MX	EDI / Cooper MX Series Rack.	295
 CF-MXS	Set of four (4) small Cooling Fans for MX Series Dimmer Racks.	595
 CF-80mm	Common replacements for many: <ul style="list-style-type: none"> • Control Consoles. • Moving lights. • LED fixtures. • Miscellaneous other industry equipment. • 80mm x 80mm x 20mm. 12VDC. 	100
 CF-70mm	Smaller version of CF-80mm above: <ul style="list-style-type: none"> • 70mm x 70mm x 25mm. 12VDC. 	100

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



Mini Power Supplies

10 Watt miniature power supplies for integration with JSI control stations and other stand-alone low current AV applications. Power supply dimensions (all models) 1.6" W x 2.75" H x 1.06" D are **designed to fit inside a standard single gang electrical back box**. All supplies are UL rated for an input voltage range from 100-240VAC, encased in a UL94V-0 flame rated enclosure and feature our standard high quality break-away style plug/header for ease of installation. Optional single gang mounting plate available, see #PS-MOUNT below.



PS-MINI-12



PS-MINI installed on PS-MOUNT

Model	Description/Application	MSP
PS-MINI-3.3	Miniature 3.3VDC 2.5A supply.	195
PS-MINI-5	Miniature 5VDC 2.0A supply.	195
PS-MINI-12	Miniature 12VDC 0.85A supply.	195
PS-MINI-15	Miniature 15VDC 0.67A supply.	195
PS-MINI-24	Miniature 24VDC 0.42A supply.	195
PS-MOUNT-B	Single gang mounting plate. Black powder coat finish.	75
PS-MOUNT-W	Single gang mounting plate. White powder coat finish.	75

Retrofit Supplies

PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS-20P-RETRO wall stations (see page 5). Will power up to 12 PWS-20P-RETRO.	350
PS-12V50W-3000	12V 50W power supply. Stand alone open frame. Adjustable output from 10.8VDC to 13.2VDC. Dimensions 3.85" L x 3.85" W x 1.4" D. Used in 3000 Series control systems.	250
PS-DE90	24V Replacement Power Supply for DE90 dimmer rack fans. Set of two (2) 12VDC OEM replacements.	990



DE-90 Power Supply (PS-DE90)



24VDC DIN mounted 60 Watt kit for use with PWS controls.









CD-3000+ Power Supply (PS-12V50W-3000)

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



Refurbished Dimmer Modules

CALL FOR PRICE AND AVAILABILITY • PRICING BASED ON CONDITION

	Model	Description/Application
	CD-D2.4KW	Strand CD80® Series Dual Dimmer Module (2 x 2.4KW). <i>* Also see Non-Dim Relay Power Modules on page 13.</i>
	SV-D2.4KW	Strand CD80® Supervisor Series Dual Dimmer Module (2 x 2.4KW). <i>* Also see Non-Dim Relay Power Modules on page 13.</i>
	QD-Q2.4KW	Electro Controls Quad Dimmer (4 x 2.4KW) Module c/w new FC-330 firing card.
	QD-Q2.4K-HD	Electro Controls Quad Dimmer (4 x 2.4KW) Module c/w new FC-330 firing card and four EC GEN3 PACKS.
	MX-D2.4KW	EDI MX Series Dual 2.4KW Dimmer Module.
	EN-D2.4KW	Strand Environ 2 Series Dual Dimmer Module (2 x 2.4KW). <i>* Also see Non-Dim Relay Power Modules on page 13.</i>
	DE-D2.4KW	Strand Digital Environ Series Dual Dimmer Module (2 x 2.4KW). <i>* Also see Non-Dim Relay Power Modules on page 13.</i>

- NOTES:**
- 1. All dimmer modules are refurbished and contain new PCB's where applicable.**
 - 2. 90 Day Warranty.**
 - 3. Dimmer modules are subject to availability.**

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com

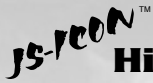
DISCONTINUED

DISCONTINUED PRODUCTS

The Following Pages Feature
Johnson Systems Discontinued Products
Available While Quantities Last

ONE YEAR LIMITED WARRANTY ON MOST DISCONTINUED PRODUCTS

DISCONTINUED PARTS AND EQUIPMENT ARE NON-RETURNABLE



Hi-Performance Installation Dimmer Racks

- Unique power saving "stand-by" mode reduces power consumption to less than 1 Watt. Compliance with the "One Watt Initiative".
- Dims standard, low-voltage incandescent quartz lamps and forward phase dimmable LED lamps.
- Individual dimmer profile selection permits safe and silent non-dim control of fluorescent loads, HID lighting, motors, etc. True sinusoidal output.
- Dual DMX512-A inputs with on-board protocol manager. Optional wireless DMX receiver.
- Optional Ethernet node.
- Over-heat and over-current protected.
- Unique "lamp warming" feature extends lamp life.
- Analog and dedicated dry contact BMS inputs for interface with HVAC, security and audio.
- "Load Shed" inputs for power management and photocell interface.
- LCD user interface for easy setup and monitoring.
- Non proprietary dimmer SCR's are 200% rated.
- On-demand 'MagLev'® thermal management technology produces superior cooling that is virtually silent.

Model	Description (Dimmers)	MSP
JS-ICON 1220	12 x 20 Amp (2,400 Watt).	6,495
JS-ICON 2413	24 x 13 Amp (1,560 Watt).	6,995
JS-ICON 2410	24 x 10 Amp (1,200 Watt).	SOLD OUT
JS-ICON 1210/620	12 x 10 Amp (1,200 Watt) + 6 x 20 Amp (2,400 Watt).	SOLD OUT



JS-ICON™ 1220

12 x 20 Amp (2,400 Watt) dimmers
Dimmer/Relay Rack



JS-ICON™ 2413

24 x 13 Amp (1,560 Watt) dimmers
Dimmer/Relay Rack



JS-ICON™ 2410

24 x 10 Amp (1,200 Watt) dimmers
Dimmer/Relay Rack



JS-ICON™ 1210/620

12 x 10 Amp (1,200 Watt)
+ 6 x 20 Amp (2,400 Watt) dimmers
Dimmer/Relay Rack



For recommended control, please see Presidor™ Wall Controls (PWS) on page 4.



72 channels of hi-performance dimming - neat & easy!





J-PACK Hi-Performance Universal Dimmer Packs

- Available in a range of voltage and output configurations.
- Unique power saving stand-by mode reduces power consumption to less than 1 Watt, a "green" dimmer pack.
- Dims standard, low-voltage incandescent quartz lamps and forward phase dimmable LED lamps.
- Individual dimmer profile selection permits safe and silent control of non-dim lighting loads.
- DMX512 start addressable in single channel (offset) or individually (patch).
- DMX "snapshots" with scene playback.
- Unique "lamp warming" feature extends lamp life significantly.
- Analog and dedicated dry contact BMS inputs for interface with HVAC, security and audio.
- "Load Shed" inputs for power management and photocell interface.
- LCD user interface for easy setup and monitoring.
- Over-heat and over-current protected.
- Non-proprietary dimmer SCR's are 200% rated.
- On-demand 'MagLev®' thermal management technology produces superior cooling that is virtually silent.



HOW TO ORDER • Dimmer Pack Example: DP - 120/208 - SP - WM

Power Input Options

- 120** = 120VAC 1Ø 3 wire via Single 5' Edison Power Cord
- 120HO** = 120VAC 1Ø 3 wire via Dual 5' Edison Power Cords
- 120/240RC** = Pre-installed 1.5 meter, 8 Gauge, 40 Amp Range Cord
- 120/240** = 120/240 VAC 1Ø 4 wire Terminal Block
- 120/208** = 120/208 VAC 3Ø 5 wire Terminal Block

Output Options

- ED** = 6 x 15A Duplex Edison
- SP** = 6 x 20A Stage Pin (Bates)
- TL** = 6 x 20A L5-20R TLG
- SO** = 6 x 20A 19 Pin Socapex
- TB** = Terminal Block

Mounting Options

- RF** = Rubber Feet
- PM** = Pipe Mount
- WM** = Wall Mount
- RM** = 19" Rack Mount



Model	Description/Maximum Output Capacity	MSP
DP-120-ED-XX	6 circuits totaling 1,800 Watts.	2,350
DP-120HO-ED-XX	6 circuits totaling 3,600 Watts.	2,395
DP-120/240-ED-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/240RC-ED-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/240-SP-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/240-TL-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/240-TB-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/240-SO-XX	6 circuits totaling 9,000 Watts.	2,600
DP-120/208-ED-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/208-SP-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/208-TL-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/208-TB-XX	6 circuits totaling 9,000 Watts.	2,395
DP-120/208-SO-XX	6 circuits totaling 9,000 Watts.	2,600

NOTE: * Not available in wall mount (WM)
- XX see mounting options above.



DMX 6-PORT Merger/Manager (6 IN, 1 OUT)

- ⚡ Six DMX512 inputs, one DMX512 output.
- ⚡ State-of-the-art design permits "real-time" DMX merging/combining of all six DMX inputs at 44 packets per second.
- ⚡ LCD display for easy setup and monitoring.
- ⚡ Power and DMX status LED indicators.
- ⚡ DMX I/O options include 5 pin XLR, terminal block, and RJ45.
- ⚡ Installation versions include 12VDC, 30W Power Supply for external controls.
- ⚡ USB "TECH PORT" for PC monitoring of all DMX inputs and output.
- ⚡ Removable EEPROM memory module allows for ease of firmware upgrade.
- ⚡ Unique power saving standby (idle) mode reduces power consumption to less than 1 Watt, a "green" power management product.
- ⚡ Keypad lockout prevents unauthorized access.
- ⚡ Up to 10 year product warranty available!



All DMX 6-PORT Merger models include enclosure and power supply.

Model	Description/Application	MSP
DMX-6PIM	6-PORT Installation Merger/Manager (6 IN, 1 OUT) for permanent hardwired installations c/w 12VDC, 30W Power Supply.	2,150
DMX-6PIM-FM	Flush Mount version of DMX-6PIM above c/w 12VDC, 30W Power Supply.	2,150
DMX-6PM-XLR	Portable 6-PORT Merger with 5 pin XLR connectors c/w power supply.	1,950
DMX-6PM-XLR-RM	19" Rack Mount (1RU) 6-PORT Merger with 5 pin XLR connectors c/w power supply.	1,950
DMX-6PM-TB	Portable 6-PORT Merger with "break-away" terminal block DMX connectors c/w power supply.	1,950
DMX-6PM-TB-RM	19" Rack Mount (1RU) 6-PORT Merge with "break-away" terminal block DMX connectors c/w power supply.	1,950
DMX-6PM-RJ45	Portable 6-PORT Merger with RJ45 "Ethercon" connectors c/w power supply.	1,950
DMX-6PM-RJ45-RM	19" Rack Mount (1RU) Merger with RJ45 "Ethercon" connectors c/w power supply.	1,950



2000+ Series Legacy Retrofit Control Systems

Direct Retrofit Control Systems for common legacy performance and architectural dimming systems including:

- Strand CD80® AMX (Ramp Card version)
- Strand CD80® AE (Advanced Electronics)
- Strand CD80® SV (Supervisor) **SOLD OUT!**
- See CD-3000+SV on page 14.

Features:

- Dual DMX inputs with up to 16 analog inputs.
- Multi-rack networking with easy intuitive programming.



Most systems can be upgraded in a few hours at a fraction of the cost (typically 10-20%) of complete dimming system replacement alternatives. Furthermore, electrical contracting is eliminated in most cases further reducing costs and facility downtime.

CD-2000+ 2nd Generation Electronic Control Unit

CD-2000+ advanced feature ECU offering direct plug "reverse compatibility" with earlier post 1999-era ECU modules.



	Model	Description/Application	MSP
Strand CD80® Racks	CD-2000+A	Strand CD80® AMX racks.	7,796
	CD-2000+AE	Strand CD80® Advanced Electronic racks.	7,796
	CD-2000+SV	Strand CD80® Supervisor racks.	SOLD OUT
	CD-2000+RR	Strand CD80® 96 Channel rolling racks (2 x 48).	SOLD OUT
EDI Mark VII	EDI-120	Electronic Diversified (EDI Mark VII) racks up to 120 channels. See EDI-60 on page 15.	SOLD OUT
Electro Controls	QD-2000-T	Electro Controls Quad racks. Theatrical dual DMX input version.	SOLD OUT
	QD-2000-E	Electro Controls Quad racks. Economy analog version. Expandable to QD-2000-T (future DMX).	4,995

NOTE: 1. POA products require project name and location for quotation.



Four CD-2000+A Installed



Johnson Systems Inc. products are ETL listed and comply fully with UL508 and CSA22.2 electrical safety approvals. This internationally recognized safety approval covers the entire assembly specifically for installation into an existing UL approved enclosure (OEM rack) and in no way compromises the electrical safety of the overall system. Official documents available on request.



PWS-20P-RETRO Stations

Previous Generation System Management Controls (SMC)



After many years, these controls were superseded by the next-generation **Presidor™ Model #PWS-20P-RETRO**. These new stations will operate on the same three wires as the old 2800 Series or the Strand SWC stations. Please see page 5 for more details.



PWS-20P-RETRO-B

PRESIDOR™
Architectural Control Solutions



2000 Series System Accessories

Model	Description/Application	MSP
CD-2000+ ECU	Advanced Feature Electronic Control Unit.	SOLD OUT
CD-2000-PSR	CD-2000 Power Supply & Ramp module.	2,495
JS-16IN	16 analog input PCB c/w 10 ft. interface cable.	395
Drop Cables	DMX conversion (32 Ch.) cable for architectural (analog) EC Quad racks. 10' long each. One required per 32 channels.	350



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com

Johnson Systems (JSI) website features all current JSI production products as well as JSI product one-sheets, user manuals, and product specifications.

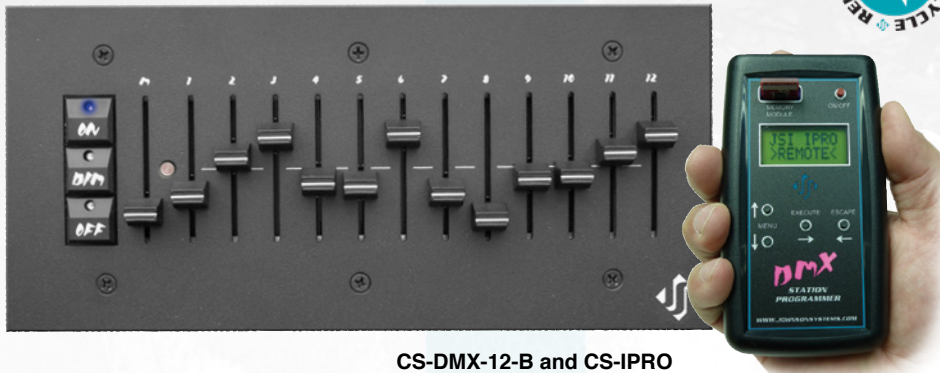
The screenshot shows the Johnson Systems Inc. website homepage. At the top is the company logo and name, "JOHNSON SYSTEMS INC. 'PROFESSIONAL LIGHT CONTROL PRODUCTS'". Below this is a navigation menu with links for Home, Products, Support, Installations, Reference, Contact, and Search JSI. A central banner features a "WHAT'S NEW?" badge and a paragraph describing the company as a designer and manufacturer of entertainment and architectural lighting control products. Below the banner is a grid of product categories: Presidor™ Lighting Controls, Retrofit Control Systems, LED Dimmer & Relay Panels, Retrofit LED Dimmer Modules, Retrofit Non-Dim Relay Modules, DMX Products, XLR Connectors & Receptacle Plates, Parts & Support, and Discontinued Products. At the bottom of the page, there is a disclaimer about direct sales in certain regions, a list of partners and affiliations (including PLASA, IALAN, and various safety organizations), and social media icons for YouTube, Facebook, and Twitter. A copyright notice for 2024 is also present.





CS-DMX Series Programmable Manual DMX Stations

- Manual DMX at your fingertips.
- Six models/sizes available including two and three button entrance stations.
- 512 DMX channels of control per station.
- Multiple stations can be daisy-chained on the same DMX line.
- Digitally adjustable fade-times and LED brightness.
- Station programming via low cost, wireless infrared hand-held remote.
- Local or remote/entrance station lockout options.
- Short-circuit and over-current protection.
- Ruggedly built for reliability and longevity.
- Tough, durable powder coat paint on 0.080" aluminum laser cut faceplate for a scratch resistant non-glare finish.
- Color matched and sized for use with Johnson Systems AP Series adapter plates where necessary to adapt to existing (larger) electrical back boxes.
- Metal shaft sliders and machine screw mounting help prevent broken or missing parts.
- Heavy-duty "high tactile" pushbutton switches are rated for 5 million operations.
- Optional 6-PORT cascading Installation Merger permits low cost DMX universe combining (see page 28).



CS-DMX-12-B and CS-IPRO



These products are energy efficient and consume less than 1 watt.

Compliance with the International Energy Agency's "One Watt Initiative".

Recommended power supply, PS-MINI-12. See page 23.



Model	Description/Application	MSP
CS-DMX-3-White CS-DMX-3-Black	2 gang, 3 channel manual control with master slider, on, preset, and off.	995
CS-DMX-6-White CS-DMX-6-Black	3 gang, 6 channel manual control with master slider, on, preset, and off.	1,095
CS-DMX-9-White CS-DMX-9-Black	4 gang, 9 channel manual control with master slider, on, preset, and off.	1,225
CS-DMX-12-White CS-DMX-12-Black	5 gang, 12 channel manual control with master slider, on, preset, and off.	1,350
CS-SA-ENT3B-White CS-SA-ENT3B-Black	1 gang, 3 button entrance station with on, preset, and off.	575
CS-IPRO	Hand-held Infrared Station Programmer.	750

NOTE: 1. Optional factory programming charge, \$25 per station.



CS-SA Series • 'Super Analog' Time Fade Stations

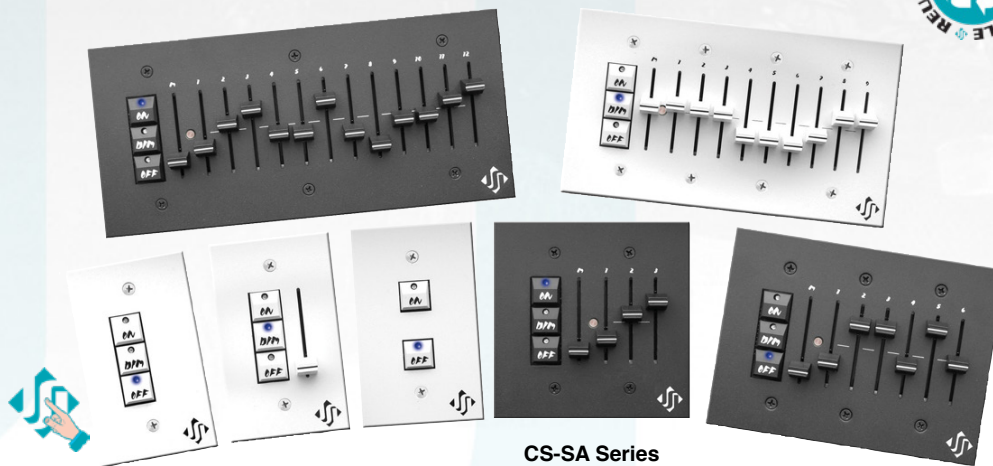
- Universal analog control stations for new or retrofit applications.
- Developed specifically for control of LED fixtures and next generation fluorescent ballasts requiring 0-10VDC analog control for dimming.
- Direct replacements for most analog control stations.
- Seven models/sizes available including entrance stations.
- Digitally adjustable fade-times, voltage output and LED brightness.
- Electronic "take control" for multiple room/ station applications.
- Multi-mode operation for remote/entrance station lockout.
- Short-circuit and over-current protection.
- Ruggedly built for reliability and longevity.
- Tough, durable powder coat paint on 0.80" aluminum laser cut faceplate for a scratch resistant non-glare finish.
- Color matched and sized for use with Johnson Systems AP Series adapter plates where necessary to adapt to existing (larger) electrical back boxes.
- Metal shaft sliders and machine screw mounting help prevent broken or missing parts.
- Heavy-duty "high tactile" pushbutton switches are rated for 5 million operations.



These products are energy efficient and consume less than 1 watt.

Compliance with the International Energy Agency's "One Watt Initiative".

Recommended power supply, PS-MINI-12. See page 23.






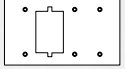
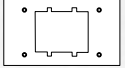
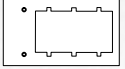
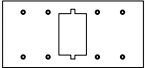
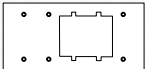
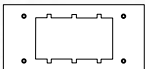
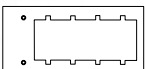
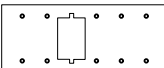
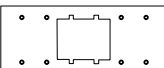
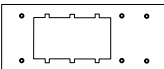
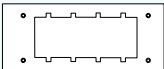
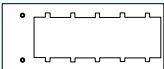
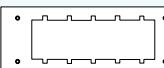
CS-SA Series

Model	Description/Application	MSP
CS-SA-1-White CS-SA-1-Black - Sold Out	1 gang, single channel manual control with on, preset, and off.	575
CS-SA-3-White CS-SA-3-Black	2 gang, 3 channel manual control with master slider, on, preset, and off.	795
CS-SA-6-White CS-SA-6-Black	3 gang, 6 channel manual control with master slider, on, preset, and off.	875
CS-SA-9-White CS-SA-9-Black	4 gang, 9 channel manual control with master slider, on, preset, and off.	995
CS-SA-12-White CS-SA-12-Black	5 gang, 12 channel manual control with master slider, on, preset, and off.	SOLD OUT
CS-SA-ENT3B-White CS-SA-ENT3B-Black	1 gang, 3 button entrance station with "on", preset, and off.	575



Control Station Adapter Plates (Not Sold Separately)

Designed to permit installation of smaller controls into existing larger electrical backboxes. These plates are both dimensionally and paint matched to allow for a "finished look" when used with all JSI manufactured control stations. Available in black or white powdercoat finish. For use with standard backboxes, these simple to install plates will eliminate electrical contracting costs and minimize installation time!

Model	Description/Application	MSP
AP-2A1-White AP-2A1-Black	 2 gang to 1 gang adaptor plate. Dimensions: 4.81" x 4.88".	70
AP-3A1-White AP-3A1-Black	 3 gang to 1 gang adaptor plate. Dimensions: 6.63" x 4.88".	75
AP-3A2-White AP-3A2-Black	 3 gang to 2 gang adaptor plate. Dimensions: 6.63" x 4.88"	75
AP-4A1-White AP-4A1-Black	 4 gang to 1 gang adaptor plate. Dimensions: 8.44" x 4.88".	82
AP-4A2-White AP-4A2-Black	 4 gang to 2 gang adaptor plate. Dimensions: 8.44" x 4.88".	82
AP-4A3-White AP-4A3-Black	 4 gang to 3 gang adaptor plate. Dimensions: 8.44" x 4.88".	82
AP-5A1-White AP-5A1-Black	 5 gang to 1 gang adaptor plate. Dimensions: 10.25" x 4.88".	93
AP-5A2-White AP-5A2-Black	 5 gang to 2 gang adaptor plate. Dimensions: 10.25" x 4.88".	93
AP-5A3-White AP-5A3-Black	 5 gang to 3 gang adaptor plate. Dimensions: 10.25" x 4.88".	93
AP-5A4-White AP-5A4-Black	 5 gang to 4 gang adaptor plate. Dimensions: 10.25" x 4.88".	93
AP-6A1-White AP-6A1-Black	 6 gang to 1 gang adaptor plate. Dimensions: 12.05" x 4.88".	110
AP-6A2-White AP-6A2-Black	 6 gang to 2 gang adaptor plate. Dimensions: 12.05" x 4.88".	110
AP-6A3-White AP-6A3-Black	 6 gang to 3 gang adaptor plate. Dimensions: 12.05" x 4.88".	110
AP-6A4-White AP-6A4-Black	 6 gang to 4 gang adaptor plate. Dimensions: 12.05" x 4.88".	110
AP-6A5-White AP-6A5-Black	 6 gang to 5 gang adaptor plate. Dimensions: 12.05" x 4.88".	110
AP-7A5-White AP-7A5-Black	 7 gang to 5 gang adaptor plate. Dimensions: 13.88" x 4.88".	124

NOTE: 1. Minimum order is \$250. Please refer to page 3 for details.
2. Adaptor plates are a non-returnable item.

ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



XLR Connector Receptacle Plates

Model	Description/Application	MSP
RP-3x3-White RP-3x3-Black	3 gang, 3 receptacle plate c/w 3 XLR modules and labeling of choice. Dimensions: 6.63" x 4.88".	130
RP-4x4-White RP-4x4-Black	4 gang, 4 receptacle plate c/w 4 XLR modules and labeling of choice. Dimensions: 8.44" x 4.88".	165
RP-5x5-White RP-5x5-Black	5 gang, 5 receptacle plate c/w 5 XLR modules and labeling of choice. Dimensions: 10.25" x 4.88".	215
RP-6x6-White RP-6x6-Black	6 gang, 6 receptacle plate c/w 6 XLR modules and labeling of choice. Dimensions: 12.05" x 4.885"	260

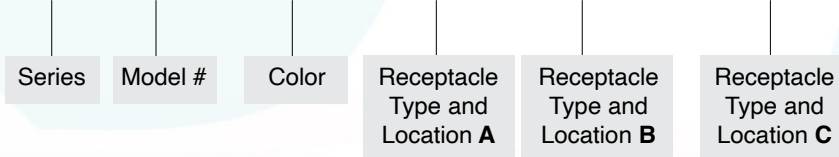
NOTE: 1. Minimum order is \$250. Please refer to page 3 for details.

Custom Simplicity Plate Module Location Identification (Example RP-5x5-W, 5 Gang Plate White)			Simplicity Plates "No Charge" Label Options	
	Location & Module		Label	
	A	RM-5F	DMX A IN	
	B	RM-RJ/PD	NETWORK	
	C	RM-RJ/PD	NETWORK	
	D	RM-5M	DMX A OUT	
	E	RM-3F	MIC	
			DMX IN	DMX A IN
			DMX OUT	DMX A OUT
			DMX A	DMX B IN
			DMX B	DMX B OUT
			HHR	REMOTE
			MIC	AUDIO
			NETWORK	FUTURE
Please note: LABELS ARE SUPPLY ONLY. LABEL APPLICATION TO PLATE BY OTHERS. Other Labels Available Upon Request. Additional Charges May Apply.				

NOTE: Orders must contain complete part numbers for plates, modules, location and labeling or it cannot be processed.

EXAMPLE PART NUMBER FOR ORDERING:

RP - 3 x 3 - White - RM5F - RM5M - RMRJ/PD






See page 20 for receptacle module choice options.

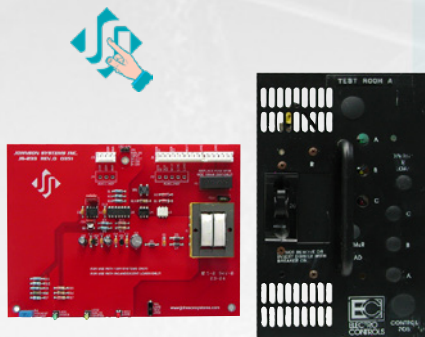
ALL PARTS AS SHOWN ON THIS PAGE ARE NON-RETURNABLE



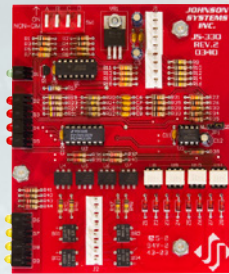
Retrofit Firing Cards

New analog and digital firing cards bring aging analog dimmers back to life quickly!

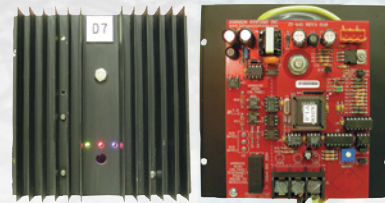
-  Virtually all manufacturers supported through a range of universal designs.
-  Digital models provide high speed response, trim-free accuracy, curve selection, voltage regulation and much more!
-  LED status indication of power, control and load.



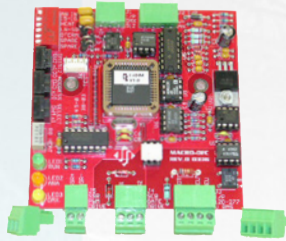
FC-233 Retrofit for EC Modular Dimmer



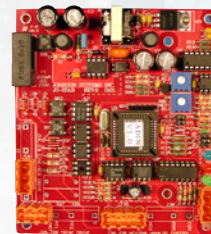
FC-330 Quad Firing Card



FC-445 Installed in Alpha Dimmer



FC-DMX Universal Firing Card



FC-22AB Digital Firing Card

Model	Description/Application	MSP
FC-ADC-1	Universal analog firing card. SCR or SSR output drive applications.	SOLD OUT
FC-DMX	Universal firing card. DMX and/or analog input (MERGE) SCR or SSR (PWM) drive applications.	550
FC-MACRO-120V	Direct replacement firing card for Macro 120V dimmers. DMX and/or analog in. SCR or SSR output drive.	550
FC-22AB-SCR	Digital replacement firing card for analog input and SCR drive applications.	350
FC-22EC Bolt-in	Digital replacement firing card for most Electro Controls and Control Lighting analog dimmers.	350
FC-445 EC Alpha	Digital replacement firing card for Electro Controls and Strand architectural "Alpha" dimmers.	550
FC-233 EC Modular	Direct replacement firing card for Electro Controls Modular (black face) dimmers.	325
FC-330 EC Quad	Direct replacement firing card for Electro Controls "Quad" (silver faced) dimmers. 4 channels per card.	325

NOTE: Custom PCB layouts and designs are available for OEM applications by others. Please contact the factory.



JOHNSON SYSTEMS INC.

"PROFESSIONAL LIGHT CONTROL PRODUCTS"

1923 Highfield Crescent S.E., Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO [577.3876]
info@johnsonsystems.com



PRESIDOR™
Architectural Control Solutions

Wall Station (PWS)



Limited Warranty

JOHNSON SYSTEMS INC. (JSI) products are manufactured to the highest possible standards. JSI warrants all manufactured "finished goods" to the original purchaser for a period of two (2) years. Warranty on "system level" product is contingent on the purchase and installation through an authorized JSI dealer or agent. This warranty is limited to the product only and that the product shall be free from any defects in materials and/or workmanship under normal usage and service. Warranty is also limited and subject to full compliance with the supplied installation procedures. JSI reserves the right to validate warranty claims at its sole unfettered discretion. JSI's sole responsibility under this warranty shall be to replace or repair any product which has been deemed defective upon inspection by JSI or authorized agent. This warranty is contingent on full compliance with the terms of payment as shown in "Terms and Conditions" below. This warranty is in lieu of any and all other warranties or claims expressed or implied including those of product application or other liabilities or obligations on the part of JSI.

Extended Warranties

Extended warranties are available on select "system products" and cover repair or exchange of parts as determined by JSI technical staff, shipping excluded. Certain restrictions may apply.

Please contact sales@johnsonsystems.com for details.

Extended warranties must be purchased at the time of original purchase.

Terms & Conditions • Customer Direct Sales

JOHNSON SYSTEMS INC. (JSI) products and boxed goods may be sold factory direct in geographical locations without supporting dealers. JSI encourages all customers to purchase through a JSI dealer wherever possible especially if system integration and a high level of product service and support are desired. JSI reserves the right to direct any sale to the nearest supporting dealer and/or authorized service provider. Some products are Priced On Application (POA) and may require the technical expertise of certain "Authorized Dealers". Payment via check (pre-cleared), bank wire or credit card prior to shipping shall be required for Factory Direct sales. A credit card processing fee may apply depending on sale amount. **It is the purchasing parties' responsibility to ensure the correct equipment is ordered with the correct model/part number. JSI will not assume any responsibility for incorrectly ordered equipment.** Possession of this catalog does not constitute an offer to sell. This catalog supersedes all previous catalogs. All product prices, models, descriptions and specifications contained in this document are subject to change without notice.

Returns & Credits

All returns must be pre-authorized and a Return Material Authorization number (RMA#) issued.

All returns must be pre-authorized and a Return Material Authorization number (RMA#) issued. The RMA will contain important information that MUST appear on the commercial invoice necessary to ship internationally (including US customers). Failure to follow the instructions contained in the RMA may result in additional charges to JSI and charged back to the dealer. The RMA# should be clearly marked on the outside of the box. Any shipment received without pre-authorization and RMA issued may be refused and returned to sender.

Some products including many "boxed good" products and support parts are non-returnable. Product returns, where applicable, must be within thirty (30) days of ship date and still in the original un-opened packaging. Equipment that has been powered up or installed, even temporarily is not returnable. Product being returned for refund credit will be subject to a restocking fee of 20% of the invoice amount.

Non-warranty repairs shall be billable as a flat-rate repair at 25% of the retail price if the product is deemed repairable at JSI's sole discretion. Certain products may not be repairable and/or replacement may be recommended.

Recycling Credit

- A recycling/core credit of \$2,000.00 is available on select POA products if the old processor core is received prepaid at the provided US recycling address within 45 days of order. No core, no credit!
- For details download the Core Credit Form at http://www.johnsonsystems.com/recycling_credits.htm



Shipping

Due to US Homeland Security Regulations, all US shipments require the consignee's Federal Tax Identification Number or E.I.N. JSI manufactured products are usually shipped based on their weight and required delivery date. JSI receives volume discount pricing on air transport service. **To minimize cost and paperwork, we ask that you please let us take care of the shipping cost and add to your invoice.** No mark up applies; this reduced shipping cost is simply passed on to the dealer. Drop shipments are no problem!

Collect shipments may not be possible with certain carriers. **Sorry, we cannot ship UPS.** Expedited shipments can be arranged for an additional charge. Customer direct drop shipments are no problem!

Visionary Products For Resourceful Professionals

Compliance

  Johnson Systems Inc. products are ETL Listed and comply fully with UL508 and CSA22.2 No 184 and/or No. 14 electrical safety approvals. This Internationally recognized safety approval covers the entire assembly or, where applicable, specifically for installation into an existing UL approved enclosure (OEM rack) and in no way compromises the electrical safety of the overall system. Official documents available upon request.

JOHNSON SYSTEMS INC.

1923 Highfield Crescent S.E.
Calgary, Alberta T2G 5M1 Canada
tel: 403.287.8003 • fax: 403.287.9003
toll free: 888.JS-RETRO (577.3876)
info@johnsonsystems.com
WWW.JOHNSONSYSTEMS.COM

