JSI Manufacturing

JSI MANUFACTURING

Product Catalog

JSIMANUFACTURING.COM

Products & Payments

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 orders@jsimfg.com.

We request at least 48 hours notification to provide formal quotation on POA products please. 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". 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.

DMX Snapshot: Multi-Zone Controls and Streaming DMX Controls

Presidor™ Wall Stations offer advanced, touch enabled DMX lighting control for single or multi-room use. With up to 70 presets, real-time scheduling, and flexible wiring, they function as DMX consoles or snapshot devices, supporting integration with building systems and daisy-chaining across multiple rooms.

Analog Wiring Models

JSI' retrofit Presidor™ Wall Stations use Unipolar Bi-Direction Protocol for digital control over legacy wiring in heritage buildings. Supporting up to 12 stations per room, they require 24–48VDC power and offer 20 DMX presets, enabling modern lighting control without CAT5 wiring.

Portable PWS Demo kit

Portable PWS

Digital Wiring Models	Description/Application
PWS-70P-DMX-W	PWS, White, 70 Presets, DMX512 input and output, RS485 inter-station communication.
PWS-70P-DMX-B	PWS, Black, 70 Presets, DMX512 input and output, RS485 inter-station communication.
PWS-70P-PORT-B	Portable PWS, Black, 70 Presets. c/w 10' control cable, single gang plate with 10 pin XLR receptacle.
PWS-70P-KIT-W	Kit containing one PWS-70P-DMX-W (white) plus one 24VDC 60 Watt DIN rail mounted power supply.
PWS-70P-KIT-B	Kit containing one PWS-70P-DMX-W (black) plus one 24VDC 60 Watt DIN rail mounted power supply.
PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS controls.
PWS-DEMO-KIT	Portable PWS demo kit c/w two PWS-70P stations, DMX input/output receptacles and 4' power cable.
Analog Wiring Models	**Description/Application**
PWS-20P-RETRO-W	PWS, White, 20 Presets, DMX512 input and output.
PWS-20P-RETRO-B	PWS, Black, 20 Presets, DMX512 input and output.
PWS-20P-RETRO-KIT-W	Kit containing one PWS-20P-RETRO-W (white) plus one 24VDC 60 Watt DIN rail mounted power supply.
PWS-20P-RETRO-KIT-B	Kit containing one PWS-20P-RETRO-W (white) plus one 24VDC 60 Watt DIN rail mounted power supply.
PWS-20P-PORT-B	Portable PWS, Black, 20 Presets, c/w 10' control cable, single gang plate with 10 pin XLR receptacle.
PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS controls.

The PRLC-4 is an intelligent 1RU DMX512 merger and power hub designed for Presidor™ Wall Stations. It supports up to 4 rooms with isolated DMX inputs and integrated 48VDC power, and can be cascaded (up to 8 units) to link 25 rooms into one DMX512 output. Connections use standard RJ45 (Cat5/5e/6) or Belden 9773 wiring. It fits any standard 19" rack or an optional wall-mount rack. With our PWS-RDU-25R controller linking Room is as simple as pressing a single button for linking or un-linking. This is a very handy and simple Room link system.

PWS-RDU-25R (W/B)

PRLCR-4U

PRLCR-4

| Digital Wiring Models	Description/Application
PRLC-4	Room t/Combiner, 4 x DMX inputs, DMX512 output.
PRLCR-4U	PRLC 19" Wall Rack. Supports up to 4 x PRLC-4.
PWS-RDU-25R	Remote Display Unit (Link Station) for linking up to 25 rooms.

Adaptor Plates

Precisely engineered to fit Presidor™ Wall Stations (PWS), these adapter plates enable seamless installation into a wide range of gang wall boxes, up to 7-gang configurations. Constructed from durable 18-gauge steel and finished with a high-quality white or black powder coat, they ensure a clean, professional integration into existing infrastructure.
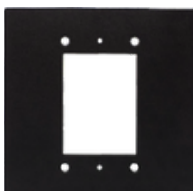
Model	Description/Application
PA-2A1 (W/B)	2 gang to 1 gang Adaptor Plate.
PA-2A1-DMX (W/B)	2 gang to 1 gang Adaptor Plate c/w 5 pin XLR DMX Input.
PA-3A1 (W/B)	3 gang to 1 gang Adaptor Plate.
PA-4A1 (W/B)	4 gang to 1 gang Adaptor Plate.
PA-5A1 (W/B)	5 gang to 1 gang Adaptor Plate.
PA-6A1 (W/B)	6 gang to 1 gang Adaptor Plate.
PA-7A1 (W/B)	7 gang to 1 gang Adaptor Plate.

Dimensions: 4.81" x 4.88"
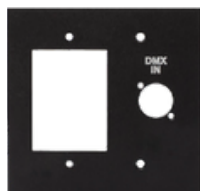
PA-2A1-DMX

Dimensions: 4.81" x 4.88"

PA-2A1

Dimensions: 6.63" x 4.88"

PA-3A1

Dimensions: 8.44" x 4.88"

PA-4A1

Dimensions: 10.25" x 4.88"

PA-5A1

Dimensions: 12.05" x 4.88"

PA-6A1

Dimensions: 13.88" x 4.88"
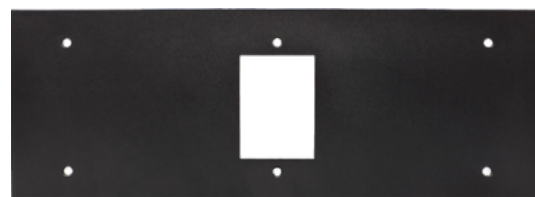
PA-7A1

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

ALL PARTS ON THIS PAGE ARE NON-RETURNABLE

Cover Plates

Provide a clean, color-matched solution for covering unused or abandoned gang wall boxes with these durable cover plates. Available in configurations from single up to 6-gang, each plate is fabricated from 18-gauge steel and finished in a high-quality white or black powder coat for a professional appearance.

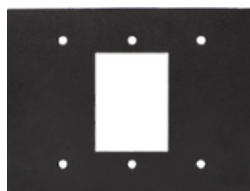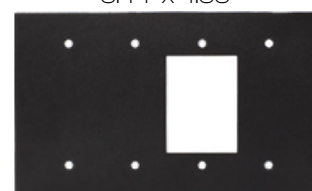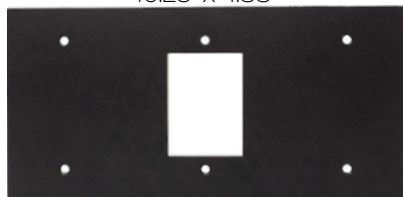| Model	Description/Application
PA-1B (W/B)	1 gang blank plate. Dimensions: 3.00" x 4.88".
PA-2B (W/B)	2 gang blank plate. Dimensions: 4.81" x 4.88".
PA-3B (W/B)	3 gang blank plate. Dimensions: 6.63" x 4.88".
PA-4B (W/B)	4 gang blank plate. Dimensions: 8.44" x 4.88".
PA-5B (W/B)	5 gang blank plate. Dimensions: 10.25" x 4.88".
PA-6B (W/B)	6 gang blank plate. Dimensions: 12.05" x 4.88".

Dimensions: 3" x 4.88"
PA-1B

Dimensions: 4.81" x 4.88"
PA-2B

Dimensions: 6.63" x 4.88"
PA-3B

Dimensions: 8.44" x 4.88"
PA-4B

Dimensions: 10.25" x 4.88"
PA-5B

Dimensions: 12.05" x 4.88"
PA-6B

Surface Boxes

Designed for Presidor™ Wall Stations, these durable 18-gauge steel surface-mount boxes feature welded seams, pre-tapped holes, and laser-cut conduit entries. They ensure precise alignment with no overhang or sharp edges and come in single or two-gang sizes with white or black powder coat finish.

Model	Description/Application
PSB-1 (W/B)	1 gang surface box.
PSB-2 (W/B)	2 gang surface box.

PSB-1

PSB-2

Presidor™ Lighting Panels offer a customizable mix of LED dimmers and relays in one enclosure, available in small (8 or 12 channels) or large (up to 24 channels) sizes. Features include DMX input, optional DIN rail node, reverse phase dimming, 0–10V analog outputs, and advanced protection. Air-gap relays switch at selectable thresholds. A full-color touch GUI on the Presidor™ Command Controller allows intuitive setup and real-time error reporting, making it a smart, cost-effective solution for complex lighting needs.
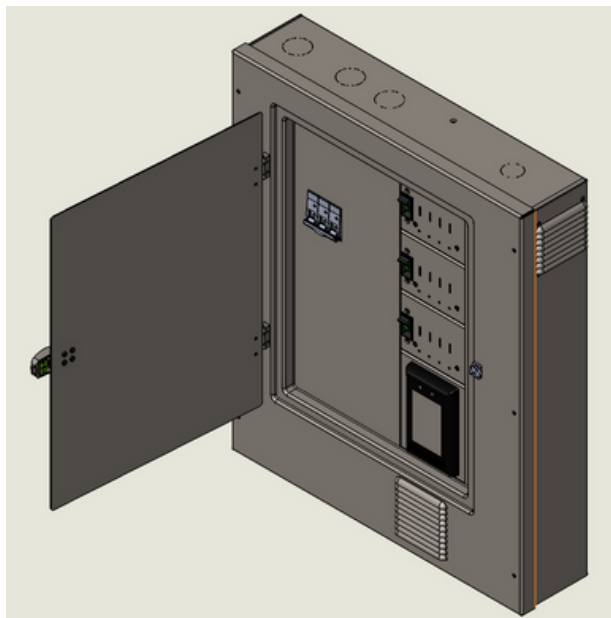
PP-12 - Small panel, 3 module capacity, Maximum 12 load circuits.
Maximum capacity 7,200 Watts.
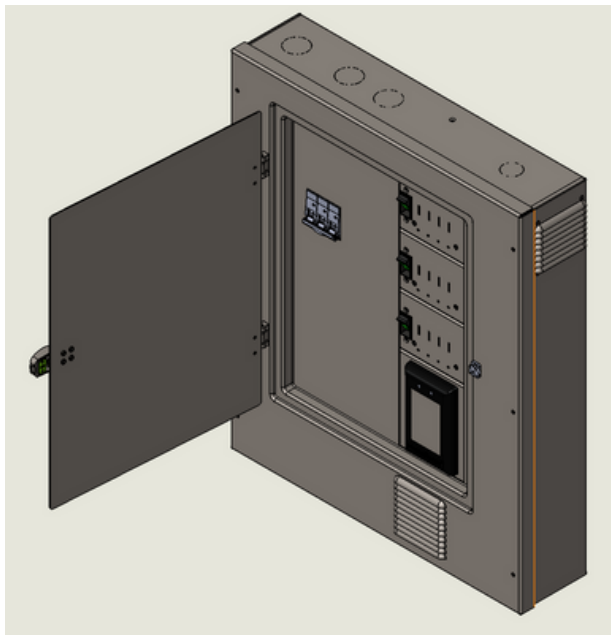
PP-8 - Small panel, 2 module capacity, Maximum 8 load circuits.
Maximum capacity 4,800 Watts.
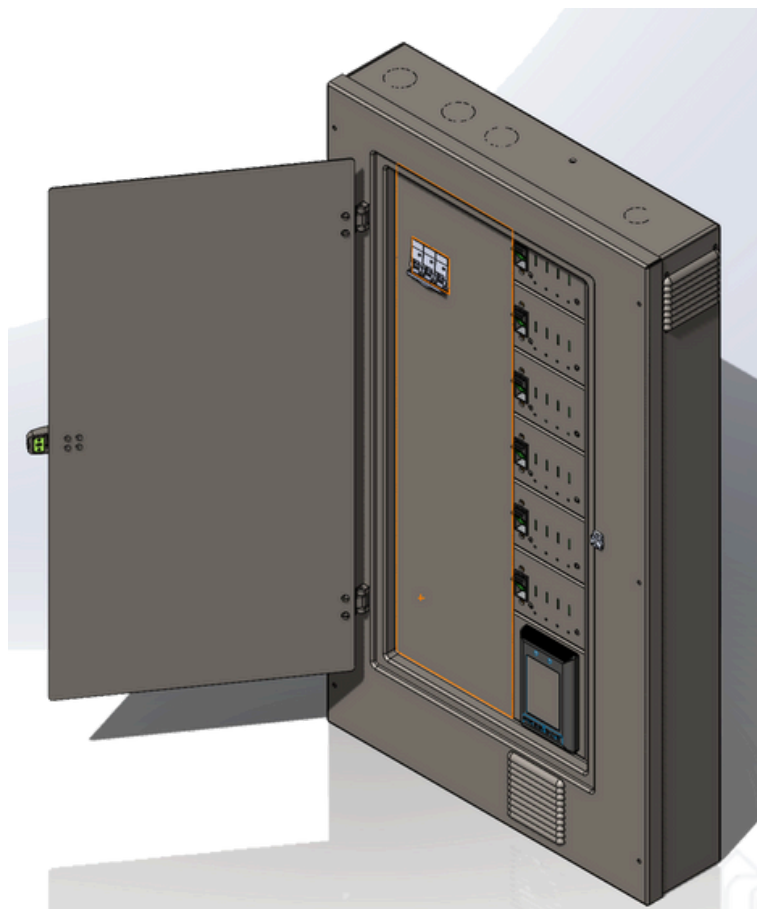
PP-24 - Large panel, 6 module capacity,
Maximum 24 load circuits.
Maximum capacity 14,400 Watts. Dimensions: 34" x 18" x 4.5".

Model	Description/Application
PP-8	Small panel, 2 module capacity, Maximum 8 load circuits. Maximum capacity 4,800 Watts.
PP-12	Small panel, 3 module capacity, Maximum 12 load circuits. Maximum capacity 7,200 Watts.
PP-24	Large panel, 6 module capacity, Maximum 24 load circuits. Maximum capacity 14,400 Watts. Dimensions: 34" x 18" x 4.5".
TYPE-L	Quad LED Dimmers, 4 x 600W Intelligent Dimmers. Maximum capacity 2,400 Watts.
TYPE-4	Quad Air-Gap Relays, 4 x 600W Intelligent Relays. Maximum capacity 2,400 Watts.
TYPE-A	Airflow/Block-off. Permits future panel capacity expansion

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, or A.
4. Network node

Panel Size & Capacity
PP-8
PP-12
PP-24

Power Input
120/208 = 120/208 VAC 3Ø 5 Wire
120/240 = 120/240 VAC 1Ø 4 Wire

Modue Type & Order
Type L = 4 x 600 Watt LED Dimmers
Type 4 = 4 x 600 Watt Relays
Type A = Airflow/Block-off Module

Options
Node

EXAMPLE: PP-24 - 120/208 - L442A - N

These 120VAC LED Dimmer Modules are designed for Strand CD80® Supervisor and C21 Racks/ DE-90 Environ, plugging directly into 2.4KW slots. Using advanced MOSFETs and CD-3000+ processors, they deliver ≥99% dimming efficiency and full-range reverse phase control for both LED and incandescent loads.
Each module includes intelligent sensing for overloads, short circuits, and more, with RGB LED feedback for fast diagnostics. They also feature user-selectable dimming curves and ultra-low standby power for energy efficiency.

PM-2L-SV

PM-2L-C21

PM-2L-DE

Model	Description/Application
PM-2L-C21	Dual 600 Watt LED Dimmer Module for C21 Dimmer Racks.
PM-2L-SV	Dual 600 Watt LED Dimmer Module for CD80® Supervisor Dimmer Racks.
PM-2L-DE	Dual 600 Watt LED Dimmer Module for Digital Environ (DE90) Dimmer Racks.

For Strand CD80, C21, and DE90

These DMX Non-Dim relay modules provide pure sinusoidal AC power control for devices and loads, specifically designed for use with JSI CD-3000+ Control Systems (not compatible with OEM controls). Each unit features 277VAC-rated 50 Amp tungsten air-gap relays, dual 20 Amp UL 489 magnetic breakers, and blue LED indicators for relay activation. Constant power modules are also available. Built for reliability and performance, these ETL-compliant modules ensure robust, non-dim power control.

| C21-PM | CD80CM-AE | CD80SV-RCS | DE90-PM | Colortran D192 | iSeries e |

Model	Description
CD80PM-AE	Dual 20 Amp Non-Dim Power Module for early generation CD80 and CD80 Advanced Electronics (AE).
CD80CM-AE	Dual 20 Amp Constant Power Module for early generation CD80 and CD80 Advanced Electronics (AE).
CD80FM-AE	Filler Module for early generation CD80 and CD80 Advanced Electronics (AE).
CD80PM-SV	Dual 20 Amp Non-Dim Power Module for CD80 Supervisor (SV).
CD80CM-SV	Dual 20 Amp Constant Power Module for CD80 Supervisor (SV).
CD80FM-SV	Filler Module for CD80 Supervisor (SV).
C21PM	Dual 20 Amp Non-Dim Relay Power Module For C21.
C21CM	Dual 20 Amp Constant Power Module For C21.
C21FM	Filler Module For C21.
DE90PM	Dual 20 Amp Non-Dim Power Module for Environ 2 or Digital Environ.
DE90CM	Dual 20 Amp Constant Power Module for Environ 2 or Digital Environ.
PM-iSe	Dual 20 Amp Non-Dim Power Module Kit for Colortran i Series e.
MX-PM	Dual 20 Amp Non-Dim Power Module for EDI-MX.
MX-CM	Dual 20 Amp Constant Power Module for EDI-MX
D192-PM	Dual 20 Amp Non-Dim Power Module for Colortran D192.
D192-CM	Dual 20 Amp Constant Power Module for Colortran D192.

For Strand CD80, C21, and DE90

JSI' Engineered Direct Retrofit Control Systems are designed for seamless upgrades of popular performance and architectural dimming systems, including Strand CD80® SV, C21, AE, AMX, Environ 2, and DE90. These ETL-listed products fully comply with UL508 and CSA22.2 safety standards. Approved for installation into existing UL-certified enclosures, they maintain system safety without compromise. International safety documentation is available upon request, ensuring reliable, code compliant retrofits for modern control system performance.

CD-3000+AE

CD-3000+C21

ENVY 2

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

For EDI/Cooper

The MX-3000+ is a next-gen retrofit electronics package for upgrading EDI/Cooper MX Series dimmer racks, eliminating the need for full system replacement. It offers a direct digital interface to modern lighting protocols and shares firmware and features with other JSI 3000+ Series products. Installation is quick and simple, requiring only minor wiring changes before plugging into the existing OEM backplane, making it a fast, cost-effective solution for modernizing legacy dimming systems.

EDI-60
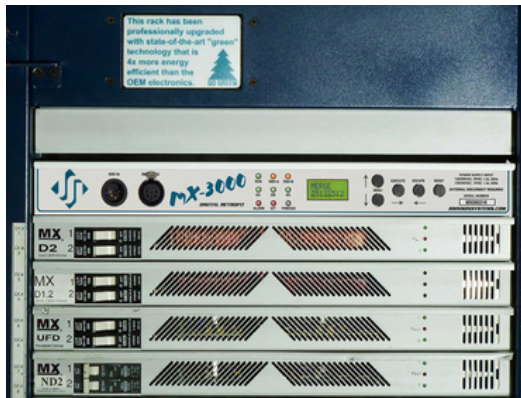
MX-3000+ in a Rack

MX-3000+

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

These direct plug-in digital control modules provide easy "plug & play" upgrade solutions for a variety of portable and permanently installed dimming systems.
By replacing all existing electronics, they deliver enhanced performance and advanced features—often exceeding the capabilities of most modern dimmers.

DPC-12

DPC-24

DE90-3000

Model	Description/Application
CD-PACK	Original retrofit controller for Strand CD80® 12 x 2.4KW and 6 x 6KW portable dimmer packs.
DPC-12	Next generation control electronics for Strand CD80® 12 x 2.4KW and 6 x 6KW portable dimmer packs.
DPC-24	Next generation control electronics for Strand CD80® 24 x 2.4KW and 24 x 1.2KW portable dimmer packs.
DE90-3000	Digital upgrade kit for Strand Digital Environ architectural dimmer racks.
ENVY 2	Digital upgrade kit for Strand Environ 2 architectural dimmer racks.
JS-EC12P	DMX conversion kit for Electro Controls "Playmate" digital 12 x 2.4KW packs

The 19" rack-mount CD-3000+ is a universal upgrade for aging PWM dimmer racks using SSRs. Compact at just 3RU high, it controls up to 96 dimmers via Phoenix-style terminal blocks or RJ45 connectors. It features dual DMX inputs, optional Ethernet, analog and dry contact inputs, and includes all standard CD-3000+ capabilities. An optional 4RU wall-mount enclosure allows for clean, low-profile installations, making it a versatile and powerful control solution for modern lighting systems.

CD-3000+U19

PRLCR-4U

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

DMX 2-Port Merger/Manager (2in, 1out)

This DMX 2-port Merger/Manager features two inputs and one output, allowing for input port priority or merge selection. It offers an excellent price-to-performance ratio with 44 packets per second. Designed for flexibility, it's available in portable, wall-mount, or DIN rail module formats. Power and DMX status are clearly indicated with LEDs, and the unit is cascadable for expanded input management capabilities.

Model	Description/Application
DMX-2PM	2-PORT Merger housed in portable enclosure c/w power supply. Dimensions: 4.00" x 3.00" x 1.75".
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).

DMX-2PM
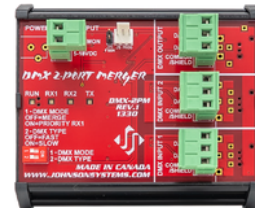
DMX-2PM-DIN

DMX to 10VDC Analog Converters

These precision demultiplexers convert DMX512 protocol to high-resolution 16-bit 0–10VDC output, delivering unmatched accuracy and fast response times.
They are available in 6 or 12 channel configurations, with each channel providing up to 20mA of source current. A 15VDC power supply adaptor is included, ensuring reliable operation right out of the box.

Model	Description/Application
PD-6	6 Channel Precision Demux. in metal enclosure c/w 15VDC power supply. Black powder coat finish. Dimensions: 1.0" H x 4.25" W x 4.5" D.
PD-12	12 Channel Precision Demux. in metal enclosure c/w 15VDC power supply. Black powder coat finish. Dimensions: 1.7" H x 4.25" W x 4.5" D.
PD-6 PCB	6 Channel Precision Demux. PC board only. Requires external 15VDC 500mA power supply. Recommended supply PS-MINI-15.
PS-15VADP	15 VDC Power Supply Adaptor.

PD-6

PD-12

Tailored for lighting, audio, and data installers as well as systems integrators, these connectors are designed for speed, safety, and convenience. They support 3-, 4-, and 5-pin XLR or RJ-45 Neutrik formats, with fast wire termination that reduces labor time and cost. Unlike competitive products, they mount easily without alignment issues or sharp edges. Each unit includes color-matched mounting hardware, clear labeling, and comes in a durable black or white powder-coated finish for a professional look.

Model	Description/Application
RP-1x1 (W/B)	1 gang, receptacle plate c/w 1 XLR module and labeling of choice. Dimensions: 3.00" x 4.88"
RP-1x2 (W/B)	1 gang, 2 receptacle plate c/w 2 XLR modules and labeling of choice. Dimensions: 3.00" x 4.88"
RP-2x2 (W/B)	2 gang, 2 receptacle plate c/w 2 XLR modules and labeling of choice. Dimensions: 4.82" x 4.88"
RP-2x4 (W/B)	2 gang, 4 receptacle plate c/w 4 XLR modules and labeling of choice. Dimensions: 4.82" x 4.88"

Dimensions: 3" x 4.88"
RP-1x1
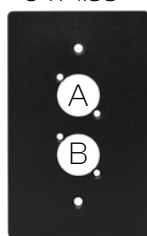
Dimensions: 3" x 4.88"
RP-1x2

Dimensions: 4.81" x 4.88"
RP-2x2
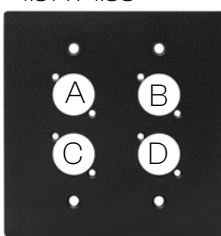
Dimensions: 4.81" x 4.88"
RP-2x4

RP – 2x4 – Black – RM5F – RM5F – RF5M – RF5M

Series

Model #

Colour

Receptacle Type and Location A

Receptacle Type and Location B

Receptacle Type and Location C

Receptacle Type and Location D
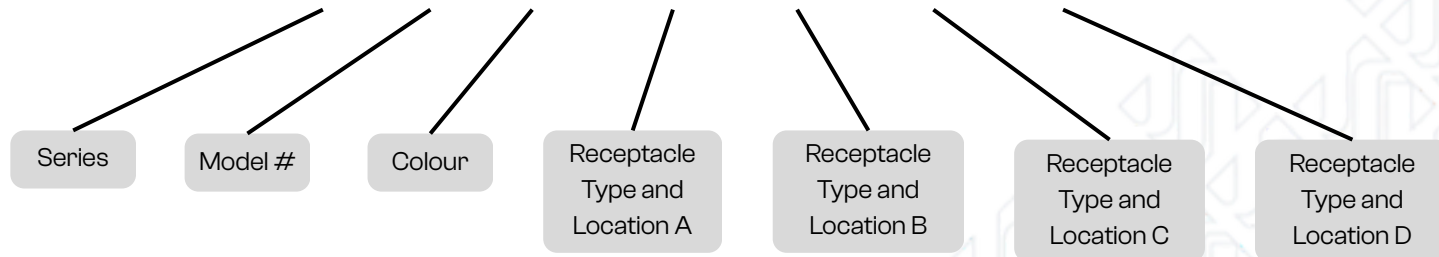
ALL PARTS ON THIS PAGE ARE NON-RETURNABLE

Developed for lighting, audio, and data installers and systems integrators, this series of accessory receptacle plates, modules, and adaptor plates offers the lowest-cost solution on the market. Unlike overpriced and overly complex alternatives, these products are affordable, durable, and quick to install—saving both time and frustration. Des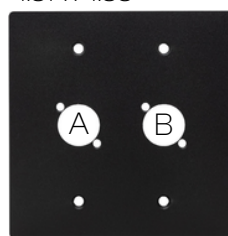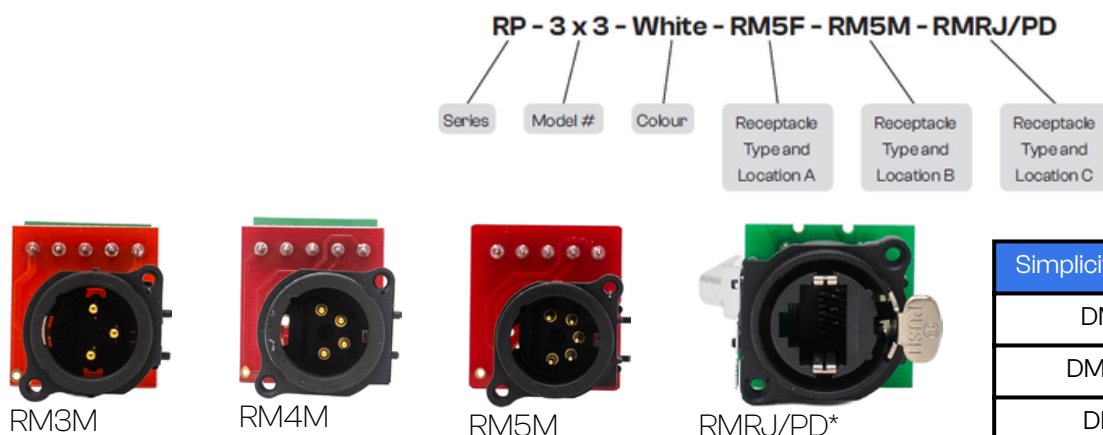igned with technicians in mind, they provide a simple, effective solution for new installations or repair and upgrade projects without compromising functionality or ease of use.

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.
RMIP	Blank insert plug.

* Add $20.00 per connector for this option - in plate or $25.00 each stand alone

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

Series | Model # | Colour | Receptacle Type and Location A | Receptacle Type and Location B | Receptacle Type and Location C

RM3M   RM4M   RM5M   RMRJ/PD*

Simplicity Plates "No Charge" Label Option	
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	

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

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JSI MFG

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1923 Highfield Crescent S.E. Calgary, Alberta, Canada T2G 5M1

plasa member

Phase Controllable Solid State Relays

Model	Description/Application
D40A - SSR	Dual 40 Amp SSR. Most common replacement for 20 Amp CD80® or similar dimmers. Supplied with pre-installed thermal pad.
Q20A - SSR	Quad 20 Amp SSR. Replacement for ICON 2410 & ICON 2413. Supplied with pre-installed thermal pad.
S50A - SSR	Single 50 Amp SSR. Direct replacement for older 20 Amp CD80®, Environ or similar dimmers. Supplied with pre-installed thermal pad.
S125A - SSR	Single 125 Amp SSR. PWM input control. Supplied with pre-installed thermal pad.

D40A-SSR

S50A - SSR

Q20A - SSR

S125A - SSR

SCR Power Packs

Model	Description/Application
EC GEN1 - PACK	Replacement SCR packs for early generation EC Quad and Alpha Series dimmers. 1/4" spade "quick connect" terminals.
EC GEN2 - PACK	Crydon M505042 packs for late model EC Quad and Alpha Series dimmers. Directly replaces PP4236 and PH5006. Includes snubber and connectors.
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.
90A SCR	Universal 90 Amp SCR pack. Includes snubber

EC GEN1 - PACK

EC GEN2 - PACK

EC GEN3 - PACK

90A SCR

Electro Controls (EC) Quad Dimmer Support Parts

Model	Description/Application
QD-MU - KIT	EC Quad module upgrade kit. Includes four GEN3 SCR's, one FC-330 Quad firing card and all hardware.
QD-RPC	Rear power connector for EC Quad dimmers. Power pins sold separately.

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 ON THIS PAGE ARE NON-RETURNABLE

Model	Description/Application
CF-CD80R	• Strand CD80® AE • JSI CD-2000 • Strand CD80® Supervisor • JSI CD-2000 • Strand C21
CF-CD80P	• 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
CF-DE90	Strand DE90 (Digital Environ) Architectural Rack
CF-MX	EDI / Cooper MX Series Rack
CF-MXS	Set of four (4) small Cooling Fans for MX Series Dimmer Racks
CF-80MM	Common replacements for many: • Control Consoles• Moving lights • LED fixtures• Miscellaneous other industry equipment • 80mm x 80mm x 20mm. 12VDC
CF-70MM	Smaller version of CF-80mm above: • 70mm x 70mm x 25mm. 12VDC

ALL PARTS ON THIS PAGE ARE NON-RETURNABLE

Mini Power Supplies

These 10-watt miniature power supplies are ideal for JSI control stations and other low-current AV applications. Compact at 1.6" x 2.75" x 1.06", they're designed to fit inside a standard single gang electrical back box. Each UL-rated unit supports 100–240VAC input, includes a UL94V-0 flame-rated enclosure, and features a break-away plug/header for easy installation.
An optional single gang mounting plate #PS-MOUNT is also available.

PS-MINI-12

PS-MINI installed on PS-MOUNT to fit single gang back box

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

Retrofit Supplies

Model	Description/Application
PS-DIN-24	24VDC DIN mounted 60 Watt kit for use with PWS-20P-RETRO wall stations Will power up to 12 PWS-20P-RETRO
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
PS-DE90	24V Replacement Power Supply for DE90 dimmer rack fans. Set of two (2) 12VDC OEM replacements.

DE-90 Power Supply (PS-DE90)

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

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

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JSI MFG

(403) 287-8003   orders@jsimfg.com   jsimanufacturing.com

1923 Highfield Crescent S.E. Calgary, Alberta, Canada T2G 5M1

plasa member

PRICING BASED ON CONDITION

Model	Description/Application
CD-D2.4KW	Strand CD80® Series Dual Dimmer Module (2 x 2.4KW).
SV-D2.4KW	Strand CD80® Supervisor Series Dual Dimmer Module (2 x 2.4KW).
QD-Q2.4KW	Electro Controls Quad Dimmer (4 x 2.4KW) Module c/w new FC-330 firing card.
QD-Q2.4KW-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).
DE-D2.4KW	Strand Digital Environ Series Dual Dimmer Module (2 x 2.4KW).

ALL PARTS ON THIS PAGE ARE NON-RETURNABLE

![JSI Manufacturing]

Discontinued Products

AVAILABLE WHILE QUANTITIES LAST

This advanced dimmer system features a power-saving standby mode under 1 Watt, meeting the "One Watt Initiative." It supports incandescent, forward phase LED, fluorescent, HID, and motor loads with true sinusoidal output. Dual DMX512-A inputs, optional wireless DMX and Ethernet, and load shed/photocell integration offer versatile control. It includes overheat/current protection, a "lamp warming" feature, analog and BMS inputs, and a user-friendly LCD interface. MagLev® thermal management ensures near-silent, efficient cooling.

JSI-ICON 1220
12 x 20 Amp (2,400 Watt) dimmers
Dimmer/Relay Rack

JSI-ICON 2413
24 x 13 Amp (1,560 Watt) dimmers
Dimmer/Relay Rack

JSI-ICON 2410
24 x 10 Amp (1,200 Watt) dimmers
Dimmer/Relay Rack

JSI-ICON 1210/620
12 x 10 Amp (1,200 Watt) + 6 x 20 Amp (2,400 Watt) dimmers
Dimmer/Relay Rack

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

Model	Description/Application
JSI-ICON 1220	12 x 20 Amp (2,400 Watt)
JSI-ICON 2413	24 x 13 Amp (1,560 Watt)
JSI-ICON 2410 (SOLD OUT)	24 x 10 Amp (1,200 Watt)
JSI-ICON 1210/620 (SOLD OUT)	12 x 10 Amp (1,200 Watt) + 6 x 20 Amp (2,400 Watt)

This versatile dimmer pack supports various voltage and output configurations, with a power-saving standby mode under 1 Watt. It dims incandescent, low-voltage quartz, and forward phase LED lamps, and safely controls non-dim loads. Features include DMX addressing, scene snapshots, and a "lamp warming" function to extend lamp life. It offers analog and BMS inputs, load shed and photocell integration, LCD interface, and advanced protection. MagLev® thermal management ensures efficient, near-silent cooling for reliable, eco-friendly operation.

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/Application
DP-120-ED*	6 circuits totaling 1,800 Watts.
DP-120HO-ED*	6 circuits totaling 3,600 Watts.
DP-120/240-ED	6 circuits totaling 9,000 Watts.
DP-120/240RC-ED	6 circuits totaling 9,000 Watts.
DP-120/240-SP	6 circuits totaling 9,000 Watts.
DP-120/240-TL	6 circuits totaling 9,000 Watts.
DP-120/240-TB	6 circuits totaling 9,000 Watts.
DP-120/240-SO	6 circuits totaling 9,000 Watts.
DP-120/208-ED	6 circuits totaling 9,000 Watts.
DP-120/208-SP	6 circuits totaling 9,000 Watts.
DP-120/208-TL	6 circuits totaling 9,000 Watts.
DP-120/208-TB	6 circuits totaling 9,000 Watts.
DP-120/208-SO	6 circuits totaling 9,000 Watts.

* NOT AVAILABLE IN WALL MOUNT (WM)
SEE MOUNTING OPTIONS ABOVE

6 In, 1 Out

This advanced DMX512 merging unit features six DMX inputs and one output, allowing real-time merging at 44 packets per second. It includes an LCD for setup, power and DMX status LEDs, and multiple I/O options: 5-pin XLR, terminal block, and RJ45. Additional features include a USB Tech Port for PC monitoring, removable EEPROM for firmware upgrades, and a power-saving standby mode under 1 Watt. Keypad lockout adds security, and a 10-year warranty is available.

DMX-2PM

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

Four CD-2000+A installed

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

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

Programmable Manual DMX Stations

This manual DMX controller offers up to 512 channels per station, available in six models including two- and three-button entrance stations. Multiple units can be daisy-chained, with adjustable fade times and LED brightness. Programming is done via a wireless infrared remote, with lockout options for added security. Built for durability, it features a rugged aluminum faceplate, heavy-duty tactile switches, metal sliders, and machine screw mounting. Optional 6-port merger allows cost-effective DMX universe combining.
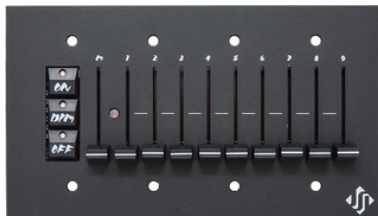

CS-IPRO

Model	Description/Application
CS-DMX-3-W/B	2 gang, 3 channel manual control with master slider, on, preset, and off.
CS-DMX-6-W/B	3 gang, 6 channel manual control with master slider, on, preset, and off.
CS-DMX-9-W/B	4 gang, 9 channel manual control with master slider, on, preset, and off.
CS-DMX-12-W/B	5 gang, 12 channel manual control with master slider, on, preset, and off.
CS-SA-ENT3B-W/B	1 gang, 3 button entrance station with on, preset, and off.
CS-IPRO	Hand-held Infrared Station Programmer.

'Super Analog' Time Fade Stations

These universal analog control stations are designed for new or retrofit applications, offering 0–10VDC dimming for LED fixtures and modern fluorescent ballasts. Available in seven models, including entrance stations, they feature digitally adjustable fade times, output voltage, and LED brightness. Built for durability, each unit includes short-circuit protection, rugged aluminum faceplates, and heavy-duty tactile switches. Multi-room functionality, electronic "take control," and remote lockout options make them ideal for versatile, reliable lighting control solutions.


CS-SA-9

CS-SA-3

CS-SA-6

CS-SA-12

Model	Description/Application
CS-SA-1-W/B (SOLD OUT)	1 gang, single channel manual control with on, preset, and off.
CS-SA-3-W/B	2 gang, 3 channel manual control with master slider, on, preset, and off.
CS-SA-6-W/B	3 gang, 6 channel manual control with master slider, on, preset, and off.
CS-SA-9-W/B	4 gang, 9 channel manual control with master slider, on, preset, and off.
CS-SA-12-W/B	5 gang, 12 channel manual control with master slider, on, preset, and off.
CS-SA-ENT3B-W/B	1 gang, 3 button entrance station with "on", preset, and off.

JSI adapter plates are designed to fit smaller control stations into existing larger electrical backboxes, making retrofits clean and efficient. They are precisely dimensioned and color-matched—available in black or white powder coat—for a seamless, professional appearance with all JSI control products. These plates are compatible with standard backboxes and help eliminate the need for costly electrical modifications. Quick and simple to install, they minimize labor time and ensure a consistent, finished look across control station installations.

Model	Description/Application
AP-2A1-W/B	2 gang to 1 gang adaptor plate. Dimensions: 4.81" x 4.88"
AP-3A1-W/B	3 gang to 1 gang adaptor plate. Dimensions: 6.63" x 4.88"
AP-3A2-W/B	3 gang to 2 gang adaptor plate. Dimensions: 6.63" x 4.88"
AP-4A1-W/B	4 gang to 1 gang adaptor plate. Dimensions: 8.44" x 4.88"
AP-4A2-W/B	4 gang to 2 gang adaptor plate. Dimensions: 8.44" x 4.88"
AP-4A3-W/B	4 gang to 3 gang adaptor plate. Dimensions: 8.44" x 4.88"
AP-5A1-W/B	5 gang to 1 gang adaptor plate. Dimensions: 10.25" x 4.88"
AP-5A2-W/B	5 gang to 2 gang adaptor plate. Dimensions: 10.25" x 4.88"
AP-5A3-W/B	5 gang to 3 gang adaptor plate. Dimensions: 10.25" x 4.88"
AP-5A4-W/B	5 gang to 4 gang adaptor plate. Dimensions: 10.25" x 4.88"
AP-6A1-W/B	6 gang to 1 gang adaptor plate. Dimensions: 12.05" x 4.88"
AP-6A2-W/B	6 gang to 2 gang adaptor plate. Dimensions: 12.05" x 4.88"
AP-6A3-W/B	6 gang to 3 gang adaptor plate. Dimensions: 12.05" x 4.88"
AP-6A4-W/B	6 gang to 4 gang adaptor plate. Dimensions: 12.05" x 4.88"
AP-6A5-W/B	6 gang to 5 gang adaptor plate. Dimensions: 12.05" x 4.88"
AP-7A5-W/B	7 gang to 5 gang adaptor plate. Dimensions: 13.88" x 4.88"
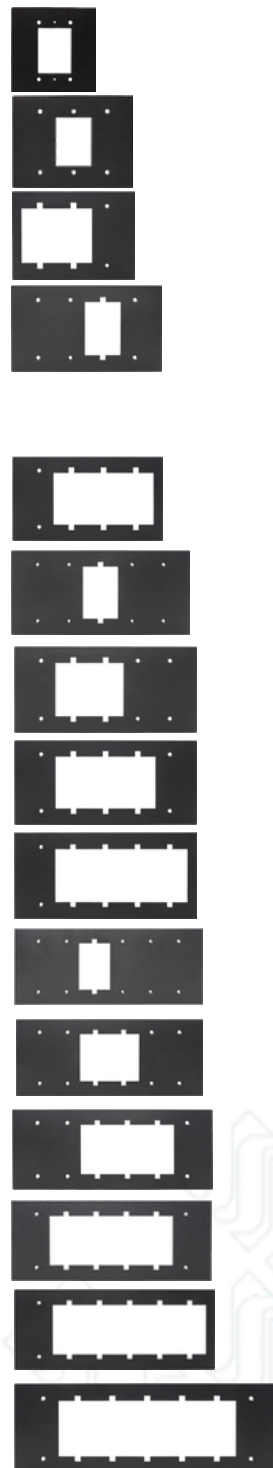
Model	Description/Application
RP-3x3-W/B	3 gang, 3 receptacle plate c/w 3 XLR modules and labeling of choice. Dimensions: 6.63" x 4.88"
RP-4x4-W/B	4 gang, 4 receptacle plate c/w 4 XLR modules and labeling of choice. Dimensions: 8.44" x 4.88"
RP-5x5-W/B	5 gang, 5 receptacle plate c/w 5 XLR modules and labeling of choice. Dimensions: 10.25" x 4.88"
RP-6x6-W/B	6 gang, 6 receptacle plate c/w 6 XLR modules and labeling of choice. Dimensions: 12.05" x 4.885"

Custom Simplicity Plate Module Location Identification (Example RP-5x5-W, 5 Gang Plate White)		
	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

Simplicity Plates "No Charge" Label Option	
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.

These universal dimming solutions support virtually all major manufacturers with a versatile range of designs. Digital models offer high-speed response, precise trim-free accuracy, selectable dimming curves, and reliable voltage regulation for superior performance. Built-in LED indicators provide clear status of power, control, and load, ensuring quick diagnostics and efficient operation. Ideal for both new installations and retrofits, these systems deliver advanced functionality and compatibility across a wide range of lighting applications.
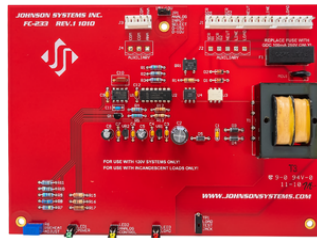
FC-330

FC-445
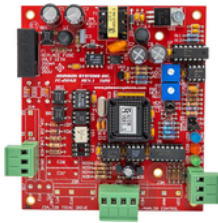
FC-22AB-SCR

FC-233

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

Limited Warranty

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

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

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!