

# DIMMERS



## 4-CHANNEL LED DIMMER

Easy-to-install, 7 Amps per channel. High quality knobs and wiring kit with stand-offs. 12VDC. Control up to Four (4) different LED or Incandescent light circuits independently.  
P/N 13-15799

## PANEL LIGHT DIMMING RHEOSTATS



These high-quality rheostats are used in production aircraft to dim instrument panel lights. Size: 1-9/16" dia. x 2-1/4" long. Mounts in 3/8" dia. panel hole. Shaft is 1/4" dia. w/flat for knob set screw. New manufacture. Power Rating: 25 Watts.  
0-8 OHM.....P/N 0144  
0-15 OHM.....P/N 0146



## FINGER GRIP KNOB

Finger grip knob for panel light dimming rheostat (see accessory). 1 1/2" Diameter, 1/4" Hole.  
P/N 11-07967

## MULTIPLE CIRCUIT SOLID STATE LIGHT DIMMERS



Choose from 2, 3, or 4-circuit heavy-duty 115W light dimming systems by Superior Panel Technology. Circuit board design with pin connector allows for easy and neat wiring. Mil Spec Tefzel color-coded wire is included. Unlike rheostats, this system will provide even dimming of incandescent lights, electroluminescent lamps (such as the SPT Glow Strips) and LEDs when used in combination on the same circuit. A separate control switch (with circuit breaking off position) is included for each circuit. Knobs sold separately. For 12 or 24 volt as long as there have been no modifications.

| Description  | Part Number | Price |
|--------------|-------------|-------|
| 2 Circuit    | 11-02046    | ---   |
| 3 Circuit    | 11-02047    | ---   |
| 4 Circuit    | 11-02049    | ---   |
| Control Knob | 11-07344    | ---   |

## K11 AIRCRAFT PANEL DIMMER

Features: • 3 outputs with a tracking capability - One output is the "Master", and the other two can be set to track the master from 0 to any set voltage behind the master. This allows items on the dimmer bus to be grouped according to their relative brightness. Photocell light sensor automatic control capability • Low cost • Performance: • Voltage range: 0 to Input supply - .6V • Output current - Depends on ventilation - Each channel is capable of 5 amps, practical dissipation limitation is ~ 5 amps total for all channels. (For 28 volt systems, current limit is 1 A per channel) Unit connections are made through a DB15 connector, and are easy to integrate into the rest of the aircraft wiring. ....P/N 11-02244



## MICROPULSE LANDING LIGHT CONTROL

This Micropulse Landing Light Control has 12 to 35 VDC, 0-8 A per channel, Control over 224 Watts per channel in a .9" Inch square by 1.9" Package. Complete compact, light weight, powerful, solid state Landing light controller. The MicroPulse has all the functions you should need. MicroPulse Function Modes: Switch Positions: • OFF Both Circuits Off • L Left on only (CKT1) • R Right on only (CKT2) • L&R Both circuits On • A44 Alternate 44 PPM (STD) • B44 Both Flash 44 PPM • A88 Alternate 88 PPM • A120 Alternate 120 PPM. Capacity: • 96 Watts @12 VDC each channel • 224 Watts @28 VDC each channel.  
P/N 11-11886



## MAX DIM DIMMER CONTROL UNIT

5-35 VDC 0-12.5A Control 350 Watts in a 1-1/4" Diameter package. Complete compact, light weight, powerful, solid state dimmer. Great for light wedges. FAA STC Approved. PMA'd . Features: • Aircraft Lighting Boat Cruiser Cabins. • Instrument Panels. • Hundreds of DC Lighting Control applications.  
P/N 11-05738



## MAXPULSE LANDING LIGHT CONTROL/ PULSER - (STC'D)

Extreme long life, low temperature operation, high current capability, noise free operation and small size makes it a ideal landing light controller for all aircraft. This new STC version sports eight functional pulse, flash and steady state modes of operation. It is also an ideal replacement for old technology controllers requiring large heavy heat sinks and or noisy relays as part of the installation. STC'd.....P/N 11-06998



## MAXPULSE LANDING LIGHT CONTROLLER MODEL - B

12-35 volts @ 10 Amps per channel - 2 channels, Ring Connectors, Controlled Output: 0 to 12-35 VDC , 0 to 10 A per channel. No outboard heat sinks, rheostats, or other packages. STC, PMA, RTCA/DO-160E SEC 21: qualified. Configure for Wig Wag or Wing and taxi light pulsing, single light pulsing etc. Increased safety for your passengers and yourself. Hundreds of DC Lighting Applications. Emergency Vehicles. Assembled in the USA.....P/N 11-08175

## MAXDIM DIMMER CONTROLLER MODEL - B

Specifications: 5-35 volts @ 15 Amps. Ring Connectors. Controlled Output: 0 to 5-35 VDC - 0 to 15 A Capacity: 75 Watts @5 VDC. 180 Watts @12 VDC. 360 Watts @24 VDC. 420 Watts @28 VDC. 700 Watts @35 VDC Includes: MaxDim unit, installation instructions, color coded terminals, reference panel label, STC printout for your logs, installation template, and knob.....P/N 11-08176



## MAXDIM DUO DUAL DIMMER CONTROLLER MODEL - C

12 to 35 VDC, 0-15 A per channel, Control 1050 Watts In a 1-1/4 Inch Diameter Package. Complete compact, light weight, powerful, solid state dimmer. Model C accepts spade terminals.  
P/N 11-12421



## MAXDIM DUO DUAL DIMMER CONTROLLER MODEL - D

12 to 35 VDC, 0-15 A per channel, Control 1050 Watts In a 1-1/4 Inch Diameter Package. Complete compact, light weight, powerful, solid state dimmer. Accepts ring terminals .....P/N 11-08177

For Complete info on Dimmers and MaxDim Mini Control Units please visit our website at [www.aircraftspruce.ca](http://www.aircraftspruce.ca)

## MICRODIM DUAL DIMMER

5 to 35 VDC, 0-7.5 A per channel, Control over 224 Watts per channel in a .9" Inch square by 1.9" Package. Complete compact, light weight, powerful, solid state Dimmer and switch controller. Microdim Dual Dimmer Revision SWP has all the functions you will need. Dimming on one channel and switching on channel 2 for the position lights/navigation lighting is activated any time there is output on the dimming channel. ....P/N 11-11887

## MICRODIM SINGLE CHANNEL DIMMERS

5 to 35 VDC, 0-7.5 A per channel, Control over 210 Watts In a 0.9" Inch square by 1.9" Package. Complete compact, light weight, powerful, solid state PWM dimmer. Sized for those tight panels with smaller dimensions and depth of 1.9. Applications and features: • SINGLE CHANNEL control of aircraft Lighting • Aircraft instrument panel lighting • Excellent control of Nulite instrument lighting • LED PWM dimmer, low range enhanced • RTCA/DO-160E SEC 21: RFE Qualified • Instrument Panels • Nulite dimmers • UMA dimmer • LED Glare shields, overheads • Avion Glare shield dimmer • LED lit panels • Hundreds of DC Lighting Control applications • Assembled in the USA

### SINGLE

|                           |          |     |
|---------------------------|----------|-----|
| LED 6 mm Bushing          | 11-15244 | --- |
| LED 11 mm Bushing         | 11-15246 | --- |
| Incandecent 6 mm Bushing  | 11-11191 | --- |
| Incandecent 11 mm Bushing | 11-15245 | --- |

### DUAL

|                                |          |     |
|--------------------------------|----------|-----|
| Incandecent Only 6 mm Bushing  | 11-11192 | --- |
| Incandecent Only 11 mm Bushing | 11-15249 | --- |
| Incandecent Only 6 mm Bushing  | 11-15248 | --- |
| Incandecent Only 11 mm Bushing | 11-15250 | --- |