

***Eclipsis Series Controls***  
for use with  
**Advance *Mark 10* Architectural Dimming Ballasts**  
**120V and 277V**



120V  
PS-600-Mark 10  
PS-600-3W-Mark 10

277V  
PS-627-Mark 10  
PS-627-3W-Mark 10

Hunt Control Systems Inc.  
200 Rome Court  
Fort Collins CO 80524

Tel: (970) 484-9048  
Fax: (970) 493-4125  
huntedimming.com

**Features:**

- Continuous, flicker-free dimming control from 100% to 5%.
- Operates 1, 2, & 3 lamp Advance *Mark 10* electronic ballasts, for T-8, CFL and T5 lamps.
- Specification-grade, preset design.
- Standard designer-style faceplate, included. (Screwless faceplate, optional.)
- Available in Ivory, White (standard colors), Brown, Black, or Gray (custom colors).
- Limited one-year warranty.

**Specifications:**

- Easy-to-operate, smooth-sliding linear control and switch.
- Preset slide control - strap mount.
- RFI filter.
- Available in single-pole or 3-way
- Fits in a standard 2" deep single gang switchbox.
- Maximum loads for both PS-600-Mark 10 and PS-627-Mark 10: 600 watts
- UL Listed.

**Dimensions:**

Front piece dimensions: 2 3/4" X 4 1/2".  
Back box dimensions: 1 5/8" X 2 5/8" X 1 3/8".

**Note:** If ganging multiple controls together, derating of 10% per side is necessary.  
All 3-way controls require a standard 3-way toggle switch to complete the circuit.

**Dimming.**

It's all we do.  
Since 1960.

**Installation and Wiring Instructions for  
 HUNT Model PS-600 Mark 10 Dimmer,  
 Single Pole and 3-Way  
 120V, 60Hz**

This dimmer is designed for control of permanently installed, *Advance Mark 10-120V or compatible Phase-Control Electronic Fluorescent dimming ballasts* only.

**Caution:**

To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, or a transformer-supplied appliance. For supply connections, use wire rated for at least 75° C.

**Read Carefully Before Installing Dimmers:**

1. To avoid fire, personal injury and/or damage to dimmer; turn power off at circuit breaker and test that power is *OFF* before wiring.
2. Use this device with copper or copper clad wire only.
3. Observe maximum number of ballasts per dimmer, not to exceed a total of 5.0 amps (600 watts at 120V).
4. When installing a 3-way dimmer; use only one dimmer and one standard 3-way switch per circuit. Never attempt to use two dimmers in the same circuit.
5. For maximum tube life and dimming performance; **Lamps should be burned in at fullbright for 100 hours** before dimming.

**Application Information:**

This dimmer is for use with the following electronic ballasts:

<b>Manufacturer</b>	<b>Name</b>	<b>Model</b>
Advance Transformer	Mark 10	REZ or IEZ Series
Philips Electronics	EcoTron	EcoTron Series

(Additional ballasts may also be compatible with this dimmer. Call HUNT to verify compatibility.)

**Note:** The HUNT *PS-600 Mark 10* dimmer has a maximum control wattage of 600W, and a maximum input current of 5.0 amps in a single-gang application. If units are being ganged together, derating is necessary. Double-ganged units have a maximum input current of 4.5 amps (540W); and triple-ganged units have a maximum input current of 4.0 amps (480W).

**Wiring Diagrams:** See reverse side.

**HUNT Control Systems, Inc.**  
 200 Rome Court  
 Fort Collins, CO 80524  
 U.S.A.  
 Ph: (970) 484-9048  
 Fx: (970) 493-4125  
[www.hunt Dimming.com](http://www.hunt Dimming.com)

## Installation and Wiring Instructions for HUNT Model PS-627 Mark 10 Dimmer Single Pole and 3-Way 277V, 60Hz

This dimmer is designed for control of permanently installed, *Advance Mark 10-277V* or *compatible Phase-Control Electronic Fluorescent dimming ballasts* only.

### **Caution:**

To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, or a transformer-supplied appliance. For supply connections, use wire rated for at least 75° C.

### **Read Carefully Before Installing Dimmers:**

1. To avoid fire, personal injury and/or damage to dimmer; turn power off at circuit breaker and test that power is *OFF* before wiring.
2. Use this device with copper or copper clad wire only.
3. Observe maximum number of ballasts per dimmer, not to exceed a total of 2.2 amps (600 watts at 277V).
4. When installing a 3-way dimmer; use only one dimmer and one standard 3-way switch per circuit. Never attempt to use two dimmers in the same circuit.
5. For maximum tube life and dimming performance; **Lamps should be burned in at fullbright for 100 hours** before dimming.

### **Application Information:**

This dimmer is for use with the following electronic ballasts:

Manufacturer	Name	Model
Advance Transformer	Mark 10	VEZ or IEZ Series
Philips Electronics	EcoTron	EcoTron Series

(Additional ballasts may also be compatible with this dimmer. Call HUNT to verify compatibility.)

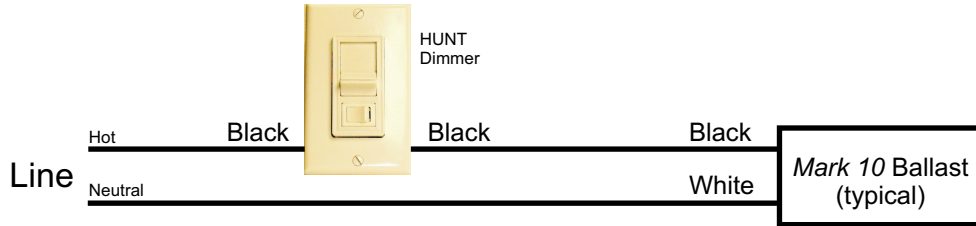
**Note:** The HUNT *PS-627 Mark 10* dimmer has a maximum control wattage of 600W, and a maximum input current of 2.2 amps in a single-gang application. If units are being ganged together, derating is necessary. Double-ganged units have a maximum input current of 2.0amps (540W); and triple-ganged units have a maximum input current of 1.7amps (480W).

**Wiring Diagrams:** See reverse side.

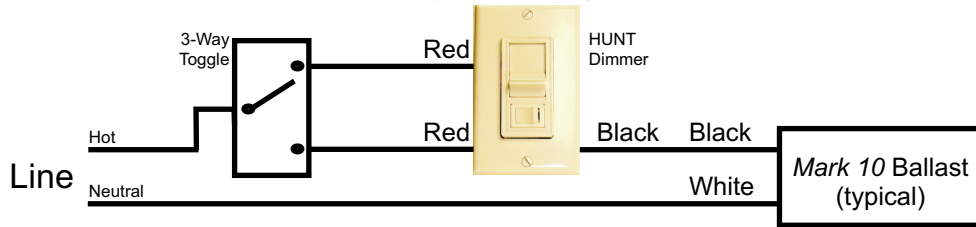
**HUNT Control Systems, Inc.**  
200 Rome Court  
Fort Collins, CO 80524  
U.S.A.  
Ph: (970) 484-9048  
Fx: (970) 493-4125  
[www.hunt dimming.com](http://www.hunt dimming.com)

# HUNT PS-600 Mark 10 & PS-627 Mark 10 Dimmer Installation Wiring

## Single-Pole Wiring



## 3-Way Wiring



## Typical 2-Lamp Wiring Diagram

