

PHILIPS

DESIGNER-STYLE FIVE- AND EIGHT-SCENE MASTER CONTROL STATIONS FOR AUDIO VISUAL APPLICATIONS

Project: _____

Location/Type: _____

Description

The MultiSet Pro Ellipse Master and Audio Visual Interface Control Station is a microprocessor-driven preset control station. It is intended for use with Lightolier Controls MultiSet Pro dimmers and switches. With its positive-feedback LED indication and tactile feel, the master control station permits the recall of up to thirteen preset scenes, in addition to the global raise/lower of up to 30 dimmers and master keypads on the network.

Each Ellipse Series 5-Scene Master Control Station has an integral infrared receiver that can be used in conjunction with an optional Ellipse Series hand-held infrared transmitter.

Connections are provided. They allow any device generating a 50 millisecond dry contact closure to activate any of the five preset scenes. These devices include:

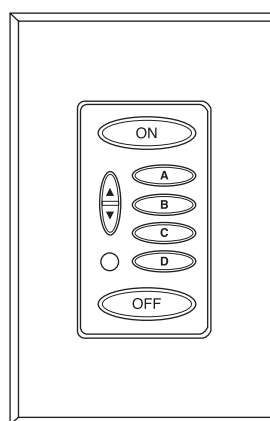
- Audio/visual equipment
- Lightolier Controls Infrared and RF Remotes
- Time clocks
- Occupancy sensors

Features

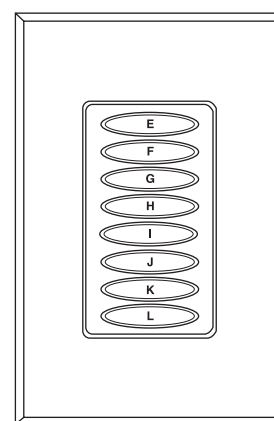
- Convenient connections provide scene access to a variety of external control devices, including AV equipment and Lightolier Controls remotes.
- Illuminated scene-select push buttons—to indicate status.
- Oversized on and off buttons—for easy operation.
- Master raise/lower control—allows for mastered dimmers to be adjusted simultaneously from multiple locations.
- Power failure memory—a feature that returns lighting to the level the unit held before the power failure occurred.
- MultiSet Pro Masters draw less than one watt of power. In turn, they may be powered from different circuits other than MultiSet Pro devices on the system. This allows multiple phases and circuits to feed dimmers, switches and master controls.
- A total of 30 dimmers, switches and masters can be combined on the MultiSet Pro Network, thereby allowing our master to control virtually unlimited loads.
- Integral infrared remote capability on MSP5AVES/MHP5AVES.
- Both 5- and 8-scene Master Control Stations can be ganged with other designer-style devices.
- Both 5- and 8-scene Master Control Stations can be ganged with other Lightolier Controls Heatsink (MHP) devices. Use the corresponding wall box and faceplate configuration.

Operation

- Set a preset:
 - Press the desired scene on any MultiSet Pro Master Control Station.
 - Adjust the dimmer or switch to the desired level by pressing and holding the rocker switch.
 - Press the "Set" button which is located on the device frame.
- Turn a group of lights on to the preset:
 - Press the desired scene on the MultiSet Pro Master Control Station.
- Turn a group of lights on to full power:
 - On any MultiSet Pro Master Control Station, press the "On" button twice.



MSP5AVES / MHP5AVES



MSP8AVES / MHP8AVES

Compli faceplate sold separately for strap devices.

Faceplate included on all Heatsink devices.

Standard keypad labeling shown. Custom engraved keypads and faceplates available.

Model Number	Number of Scenes	Master Raise/Lower	Color Suffix
MSP5AVES	5 plus 'Off'	Yes	W
MSP8AVES	8	No	W
MHP5AVES	5 plus 'Off'	Yes	W
MHP8AVES	8	No	W

W=White

- Adjust the lighting level of a group of dimmers:
 - Press and hold the raise/lower button of any MultiSet Pro Master Control Station.
 - When the desired lighting level is reached, release.
- Turn a group of lights off:
 - Press the "Off" button of any MultiSet Pro Master Control Station.

NOTE: Individual dimmers may be manually adjusted or turned off and on at any time without affecting the preset level.

MULTISET PRO MASTER & A/V INTERFACE CONTROL STATION ELLIPSE SERIES

Product
Specifications

Specifications

The MultiSet Pro Master and A/V Interface Control Station is UL Listed to U.S. and Canadian safety standards for 120VAC, 60Hz operations. It is designed to simultaneously control MultiSet Pro dimmers and switches.

A total of 30 dimmers, switches and masters can be combined on the MultiSet Network. The unit consists of a set of push buttons and external leads which may be used for preset scene recall of five scenes plus off and to control global intensity raise/lower settings. This device will have the ability to be activated by a device generating an industry-standard 50 millisecond momentary dry contact closure.

Each device includes audio/visual interfaces, Lightolier Controls infrared remotes and occupancy sensors. Device operations include:

- Fade to preset
- Fade to full brightness
- Fade to off

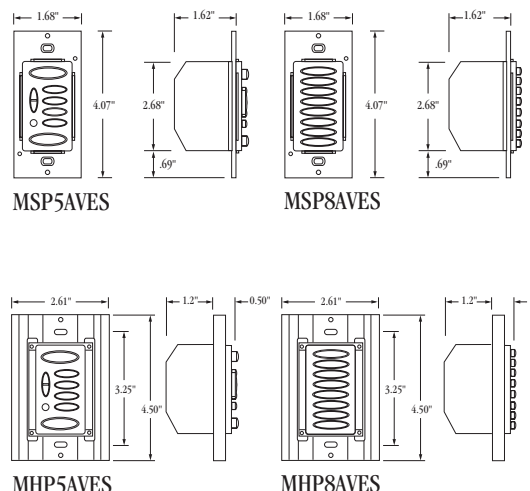
The push buttons illuminate to indicate positive feedback of an active scene, (each button can be custom-engraved for ease of scene identification) when activated, the button is illuminated. Master Control Keypads are available with white-colored frames with operations that include the following commands: fade to preset, fade to full brightness, and fade to off.

Full brightness, the off control and up to thirteen preset scenes may be accessed from MultiSet Pro Master Control Stations. The device is programmed to return to the previous scene after a power interruption. The device also permits manual override of the preset level without affecting the level set into memory.

The MultiSet Pro Master and A/V Interface Control Station carries no lighting load and is not phase-sensitive with respect to mastered devices. The unit is compatible with Lightolier Controls Brilliance II Control Systems.

The device mounts in a single-gang wall box and can be combined with a designer-style faceplate.

Dimensions

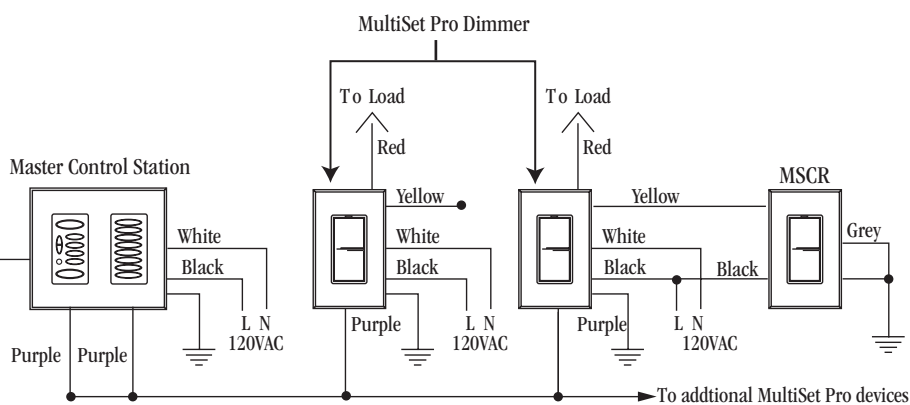


Wiring Diagram

8 #18-22
Class I
to
Infrared
Receiver

- Brown
- Red
- Orange
- Yellow
- Green
- Blue
- White w/Violet stripe
- White w/Red stripe
- White w/Green stripe
- Grey

Wire Color	FUNCTION	
	MSP/MHP5AVES	MSP/MHP8AVES
Brown	Button Common	Button Common
Red	On Button	E Button
Orange	A Button	G Button
Yellow	B Button	H Button
Green	C Button	I Button
Blue	D Button	J Button
White w/Violet stripe	Off Button	F Button
White w/Red stripe	Raise Button	K Button
White w/Green stripe	Lower Button	L Button
Grey	+5VDC	+5VDC



NOTICE: MultiSet Pro devices are not intended for use with Arc Fault Circuit Interrupter Breakers (AFCI).

We reserve the right to change details of design, materials and finish in any way that will not alter the installed appearance or reduce function performance.

Philips Lighting Controls
2828 Trade Center Dr., Suite 130B
Carrollton, TX 75007

For technical/sales assistance, call: 1-800-526-2731

Made in U.S.A.

www.philips.com/lightingcontrolsna

P/N 87-0267D