

Scene Maker™ Lighting Controls

APPLICATION

Scene Maker™ Digital Lighting Controls featuring Scene Lighting Capability are part of Leviton's Decora Home Controls (DHC) line of Home Automation Products. DHC powerline carrier components communicate via unique coded signals sent over a home's AC wiring. DHC Components replace standard switches and receptacles, providing an easy, cost-effective installation compared with home automation systems that require dedicated proprietary wiring and highly specialized components. Scene Maker consists of two main components: Scene Controllers and Scene Dimmers. Scene Controllers provide 4 separate buttons for selecting pre-programmed lighting scenes. Scene Dimmers provide full-range local and remote dimming for incandescent and magnetic low-voltage lighting, and they respond to scene lighting commands sent from Scene Maker Controllers. The Scene Maker line also includes a 10 Amp Non-Dimming Switch.

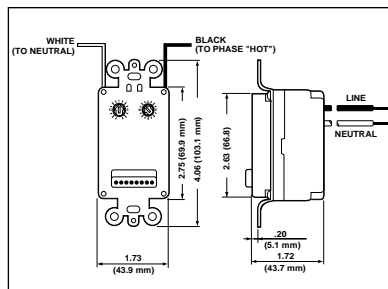
FEATURES

SCENE MAKER CONTROLLER

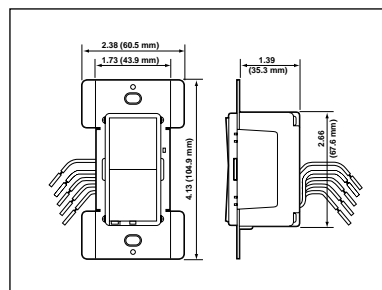
- UL Listed (File # E-66800) CSA Certified (File # LR-54628)
- Consists of the Cat. No. 16400 Uni-base body combined with snap-on Cat. No. 16450 Scene Controller Faces.
- Cat. No. 16450-S Controller Face provides 4 separate buttons for user-programmable lighting scenes and the Cat. No. 16450-SD provides 3 separate buttons for user-programmable lighting scenes and 1 button for group DIM/BRIGHT control.
- Controller Faces can be changed at any time without removing the Uni-base body, eliminating the need for reinstallation and rewiring when control needs change.
- LED's alongside each Scene Maker 16450 button illuminate to indicate which scene is active.
- Controllers feature Leviton's exclusive Intellisense™, a built-in gated automatic gain control circuit that ensures top performance and reliability even when electrical noise is present on the AC powerline.
- Controllers feature Decora styling and are compatible with Decora screwless and Decora standard designer wallplates.

SCENE DIMMERS

- Cat. No. 6343 provides local and remote dimming for 1000W incandescent and 1000VA magnetic low-voltage lighting.
- Cat. No. 16383 is exactly the same as the 6343, except it is rated for 600W incandescent and 600VA magnetic low-voltage lighting.
- Responds to scene lighting commands sent by 16400/16450-S, -SD Scene Controllers and the Cat. No. 26311 DHC Touch Screen Controller/Programmer.
- Provide multi-location manual and remote ON/OFF switching & full-range dimming when used with Remote Unit Cat. No. MS00R-1.



**Cat. No. 16400 Scene Maker
Uni-Base Controller**



**Cat. Nos. 6343, 16383 & 16293
Scene Dimmers/Switches**



- Decora-style Scene Dimmers feature easy-to-use rocker action - for dim/bright on/off.
- Leviton's exclusive Intellisense™, a built-in gated automatic gain control circuit that ensures top performance and reliability even when electrical noise is present on the AC powerline.
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life.
- Protected memory during temporary power failures maintains last setting before power interruption.
- Cat. No. 16293 DHC 10A Switch (Non-Dimming) responds to scene command by turning its designated load ON or OFF.
- Compatible with Decora screwless and Decora standard designer wallplates.
- Switch and Remote Unit are available in white and ivory. Color change kits are available for these devices in white, ivory, gray, almond and black. This simplifies stocking inventory because a separate device is not needed for each available color.

STANDARDS SPECIFICATIONS

Scene Lighting Controls shall be UL Listed Leviton Scene Multi-Location Scene Controller and Scene Dimmer. Scene Controller shall provide either 3 (Cat. No. 16450-SD) or 4 (Cat. No. 16450-S) separate buttons for selecting pre-programmed lighting scenes. Scene Dimmer shall provide full-range local and remote dimming for incandescent and magnetic low-voltage lighting and respond to scene lighting commands sent from Scene Controller. Devices shall mount in a standard wall box and feature Leviton's Decora styling. Scene Dimmer shall feature Leviton's Intellisense™ circuitry. Scene Controller and Scene Dimmer shall be available in ratings and colors as scheduled on plan.

Performance Specifications		
Electrical	<ul style="list-style-type: none"> • Input 120 VAC @ 60Hz. • 600W, 600VA and 1000W, 1000VA power rating for Scene Dimmers & 10A Rating for Scene Switches. • Line Voltage Regulation. • Incandescent and magnetic low voltage applications. • Multi-gang operation. • Remote control. 	
Mechanical	<ul style="list-style-type: none"> • Dimmer control – Decora paddle/rocker. • Decora paddle/rocker on/off switch control. • Four wire device with ground wire. • The LED will be lighted when the device switches the load off. • Air-gap switch for servicing provided. 	Mechanical For Cat. #16450 <ul style="list-style-type: none"> • Decora Style. • Four Button Selection. • Three wire device. • LED Display to indicate scene.
Environmental	<ul style="list-style-type: none"> • Operating 0 degrees celsius to 55 degrees celsius. • Non-operating –10 degrees celsius to 85 degrees celsius. • Relative humidity, non-condensing 20% to 90%. 	

ORDERING INFORMATION

Cat. No.	Rating	Description
16400	No load rating	Scene Maker Uni-Base Wall Mounted Controller. For use with Scene Maker Control Faces.
16450-S	No load rating	Scene Maker Four-Button Scene Lighting Control Face with LED indicators. Provides 4 separate user-programmed lighting scenes. For use with 16400 Controller Body only.
16450-SD	No load rating	Scene Maker Four-Button Scene Lighting Control Face with LED indicators. Provides 3 separate user-programmed lighting scenes plus group DIM/BRIGHT commands. For use with 16400 Controller Body only.
26311	No load rating	DHC Touch Screen Scene Lighting Controller/Programmer. Programs customized lighting scenes. Desktop or wall mounted.
6343	1000W Incandescent, 1000VA Magnetic Low-Voltage	DHC Scene Dimmer - Manual and remote ON/OFF switching and full-range dimming. Scene Control capability when used with Scene Maker Controllers or 26311 Touch Screen Controller. Provides multi-location manual and remote ON/OFF switching & full-range dimming when used with MS00R-1 Remote Unit.
16383	600W Incandescent, 600VA Magnetic Low-Voltage	Same functions as Cat. No. 6343.
MS00R-1	No load rating	Remote Unit for multi-location ON/OFF switching and full-range dimming when used with 6343 and 16383 Scene Dimmers and 16293 Scene Switch (no dimming).
16293	10A Fluorescent & Magnetic Low Voltage	Multi-Location Non-Dimming Switch. Responds to Scene Fluorescent and 1200VA Lighting commands by switching loads ON/OFF. Provides Magnetic Low-Voltage multi-location manual and remote ON/OFF switching(not dimming) when used with MS00R-1 Remote Unit.

Available in White (-W) and Ivory (-I). Color Change Kits available in White (-W), Ivory (-I), Almond (-A), Gray (-G) and Black (-E)

Leviton's Limited Two-Year Warranty

This warranty gives you specific rights, and you may also have other rights, which vary in different states and countries. Leviton warrants to the original consumer purchaser that this product is free of defects in materials and workmanship for 2 years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such 2 years the product is returned prepaid, with proof of purchase date, and a description of the problem to the Leviton Manufacturing Co., Inc., ATTN: Quality Assurance Department, 59-25 Little Neck Pkwy., Little Neck, NY 11362-2591. This warranty does not cover labor for removal or reinstallation of the product and is void on any product installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner. There are no implied warranties of any kind, but if implied warranties are required by the applicable jurisdiction, Leviton limits the duration of any implied warranty of fitness for use or merchantability to 2 years. Leviton is not liable for incidental or consequential damages, including without limitation, loss of equipment use and lost sales or profits for breach of any warranty on this product. Some jurisdictions may not allow exclusion of or limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not even apply to you.