DLM WIRED STANDARD SHADE SWITCHES

LMSH-SW2XX

Low voltage pushbutton switches for control of multiple shades

Components of Digital Lighting Management integrated shade control system

Plug to other components using Cat 5e cables with RJ45 connectors eliminating wiring errors

IR transceiver for wireless configuration and remote control

Customizable buttons with LED status indicators

Includes system configuration button for easy system programming from the switch

Plug n' Go automatic configuration along with Push n' Save and Push n' Learn for system personalization

Matches DLM Lighting Control switches for consistent lighting and shade control

DESCRIPTION

LMSH-SW2xx Series Wall Switches are low voltage devices for manual control of shades from one or more locations. They are part of a Digital Lighting Management (DLM) system and can control any shade motors connected to DLM shade controllers.

The DLM shade control system is easy to install and program. Motors and shade controllers are connected using a four-wire shade bus with pre-configured cables and simple to configure bus system. The switches are connect using standard DLM in-room-bus (IRB) RJ45 cables for easy installation. The shade motors have a unique counter balanced design that is very quiet and saves energy. The patented motor design allows shades to be pulled into position from the hembar without damage to the motor or shades.

OPERATION

LMSH-SW2xx Series Switches operate on Class 2 power supplied to a DLM local network by one or more shade controllers. The switches send a digital signal for shade control whenever a pushbutton is pressed by a user. Plug n' Go™ (PnG) automatic configuration assigns all shade to the switch buttons upon system startup. In addition, shade default upper and lower limits are assigned during PnG. There are two additional programming procedures that allow for customization of the motorized shade system – Push n' Learn™ allows for switch button assignments and functions to be reconfigured and Pull n' Save allows the installer to change the shade upper and lower limits.

APPLICATIONS

LMSH-SW2xx Series Wall Switches are recommended for virtually all applications, including offices, conference rooms and classrooms. They are ideal for any area where manual control of motorized shades control is desired. They are also perfect for applications requiring multi-way control of shading. LMSH-SW2xx Series Switches allow shades to be controlled by occupants to reduce glare, increase comfort, and control light for presentations or privacy.

FEATURES

- Switches are pre-engraved with most common control configurations
- Low voltage pushbutton switches for control of multiple shades.
- Plug n' Go automatic configuration along with Pull n' Save and Push n' Learn for system personalization
- Customizable buttons with LED status indicators
- Plug to other components using Cat 5e cables with RJ45 connectors eliminating wiring errors
- Matches 200-Series DLM lighting control switches for consistent design of lighting and shade control
- Includes system configuration button for easy system programming from the switch
- IR transceiver for wireless configuration and remote control
- Components of Digital Lighting Management integrated shade control system
- Custom engraving or engraved and non-engraved button kits available

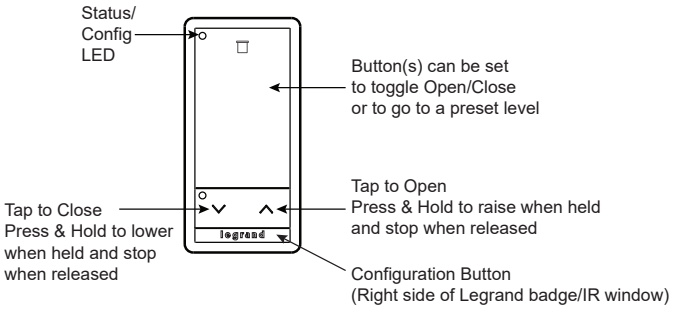
PROJECT		LOCATION/ TYPE	

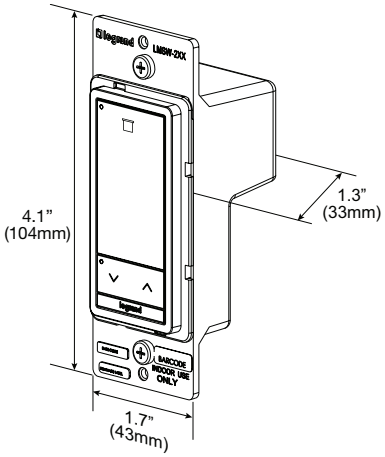
SPECIFICATIONS

- Input voltage: 24VDC from DLM local network
- Current consumption: 5mA
- DLM local network connection: 2 RJ45 ports
- LED Status indicator for each button
- Software lockable configuration button, accessible without faceplate removal
- Operating conditions: for indoor use only; 32-131°F (0-55°C); 5-95% RH, non-condensing
- Infrared (IR) transceiver
- UL and cUL listed
- FCC part 15 compliant
- Programmable top and bottom shade limits
- Warranty: Lifetime; for shade motors, shade controls, and shade power supplies manufactured by Legrand: Standard five-year warranty applies to all other DLM components. See https://legrand.us/commercial-shading to download the complete Legrand Shading warranty

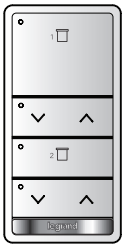
CONTROLS & MOUNTING

Product Controls, Dimensions and Models



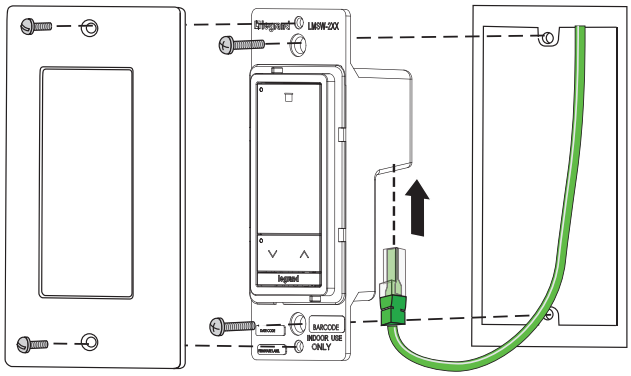


LMSH-SW211


LMSH-SW222

LMSH-SW241

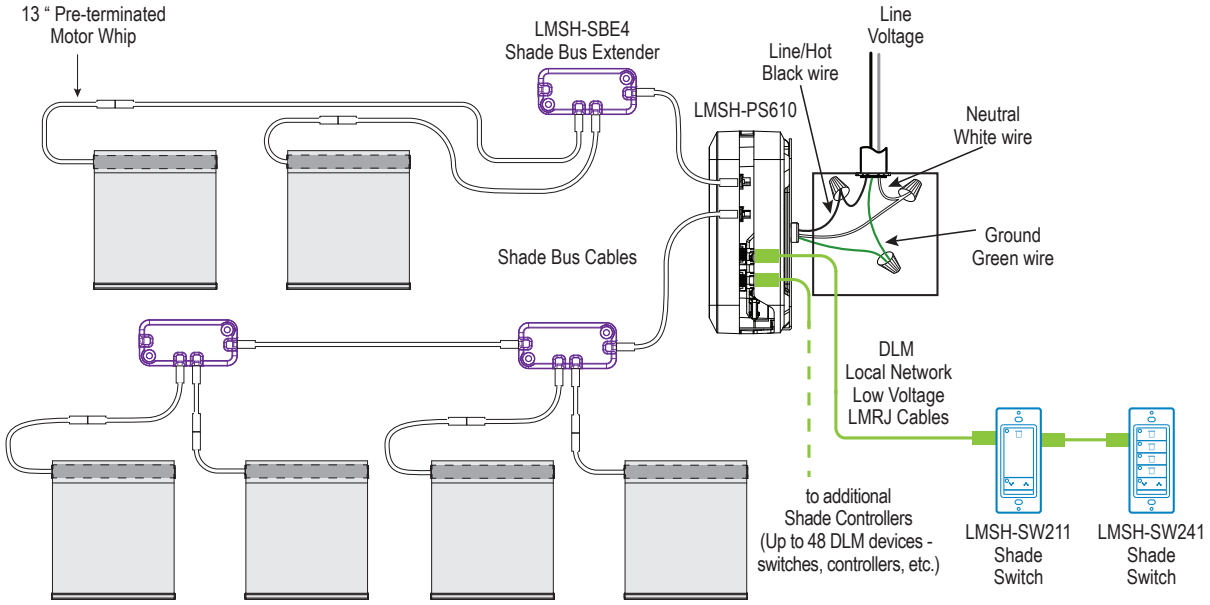
Mounting



LMSH-SW200 Series Switches fit in standard single gang boxes.

CONNECTING

Sample Connection Diagram



ORDERING INFORMATION

Catalog #		Color	Description	Common Application
☐	LMSH-SW211-W	White	1-Button, 1-Rocker Standard Wall Switch	Single Shade Toggle and Raise/Lower
☐	LMSH-SW222-W	White	2-Button, 2-Rocker Standard Wall Switch	Dual Shade Toggle, Single Shade Raise/Lower
☐	LMSH-SW241-W	White	4-Button, 1-Rocker Standard Wall Switch	Single Shade Raise/Lower with Presets

Note: Switches do not include face plates.
Order decorator style plate separately. Legrand Radiant plates are recommended for optimal color matching.

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