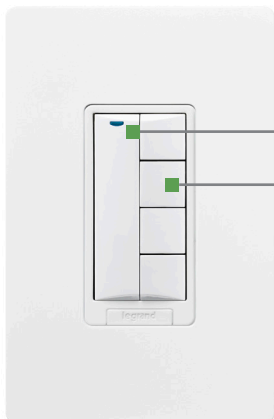


# WIRELESS 5-BUTTON SCENE SWITCH

LMSW-605



- Dual IPv6 and Bluetooth® low energy antennas provide robust signal strength and reliable communication
- Uses IPV6 to establish network communication with all DLM wireless devices
- Paddle with LED status indicator allows raise/lower control of scenes or loads
- Quick and easy wireless installation
- Ground wire allowing you to install next to a line voltage device
- Low voltage switches for control of four customizable scenes
- Up to 10 year battery life, with LED indicator for low battery alert; battery level can be viewed with wireless DLM software
- Wireless system, backed by two levels of security
- Commissioning using DLM Configuration App

## DESCRIPTION

The LMSW-605 Scene Switch is a wireless device that can set and recall preset lighting scenes and raise and lower lighting levels. It is part of the NEW wireless Digital Lighting Management (DLM) system and controls loads connected to DLM room controllers by recalling any four of the 16 scenes available in a DLM local network. It can function as a part of a completely wireless room pairing with a wireless room controller (LMRC-611MCC) or used in a hybrid wired & wireless room to control loads connected to a traditional wired room controllers when used in conjunction with a wireless bridge (LMBC-650).

## OPERATION

The LMSW-605 operates on an included CR123A battery providing a 10+ year lifespan. An installer can create a wireless network via Push-to-Pair, connecting it to other wireless DLM devices in the room (e.g. LMRC-611MCC wireless dimming room controller or LMBC-650 wireless bridge) drastically reducing installation time and eliminating wiring errors. Commissioning is accomplished one of two ways:

1. **DLM Configuration App** available for iOS® or Android®. Simply walk through the on screen prompts to connect and configure wireless DLM devices in the room. Plug n' Go automatic configuration assigns all loads connected to dimming room controllers to the dimming switch upon system startup.
2. **Push-to-Pair** – Press the "config" button on each wireless device in the room to pair them together.

Plug n' Go automatic configuration assigns scenes 1, 2, 3 and 4 to the scene buttons on the switch after commissioning is complete. When multiple switches are installed, default operation is for multi-way control; each switch controls any of 16 scenes, or



loads, or network groups. Scene buttons may be reconfigured to control different scenes or control loads. Users activate a scene by tapping a scene button. They may raise or lower light levels, and turn lights on or off, with the paddle. In Active Dim mode, users can temporarily adjust the level of any dimmable load or scene on the local network by selecting a load or scene button and then pressing and holding the paddle on the LMSW-605.

## PERSONALIZING SCENE SWITCHES

Plug 'n Go assigns all loads to each LMSW-605 when the wireless network PAN is created. Load assignments may be changed using Push n' Learn. Scene levels are stored in the room controllers. Default levels: Scene 1 is 100%, scene 2 is 75%, scene 3 is 50% and scene 4 is 25%. Preset levels can be easily changed by adjusting lighting to the desired level, typically using LMDM-101 dimming switches assigned to control specified loads, and pressing and holding a scene button on the LMSW-605 to memorize the new levels. Each scene switch may be personalized in the field with custom-engraved buttons. The built in Bluetooth low energy technology and IPv6 radio transceivers in the LMDM-601 allows two-way communication for both wireless configuration using the DLM Configuration App and system operation.

## APPLICATIONS

The LMSW-605's sleek low profile appearance is ideally suited for use in conference and board rooms, classrooms, training centers, and other applications where preset scene-based dimming control is desired. The LMSW-605 Scene Switch works with LMDM-601 Wireless Digital Dimming Wall Switches to create a flexible and elegant wireless dimming system.

PROJECT

LOCATION/  
TYPE

## FEATURES

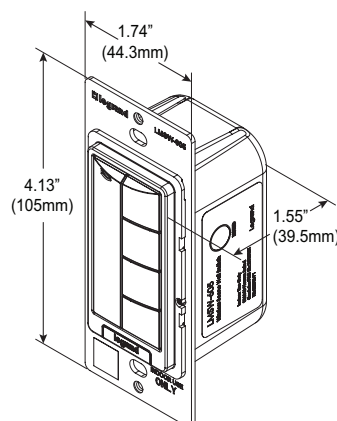
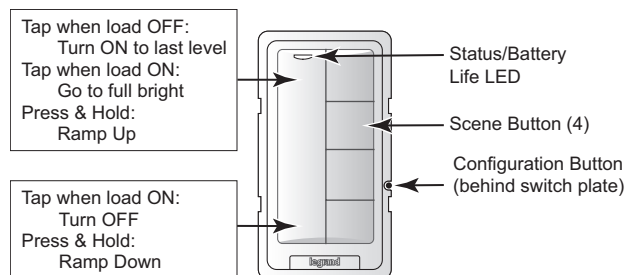
- Component of the wireless Digital Lighting Management integrated control system
- Robust and reliable BACnet over IPv6 Network based on open standards & protocols
- Backward compatible with wired DLM via wireless bridge (LMBC-650) enabling easy hybrid architecture when wired product functionality is needed
- Device Validation: Trusted hardware chips prevent any outside devices from being able to connect to the lighting control network
- Zero touch provisioning: Pre-loaded digital identity and security profile increases system security level
- Ongoing AES encryption: Communication between devices is protected by AES128 symmetric key encryption
- Multiple options for commissioning: the DLM Configuration App for iOS or Android, Push to Play
- IPv6 wireless standard delivers reliable, long range, low latency wireless communication that is scalable for a single room
- Master raise/lower paddle and all-on/all-off control
- Six color options and custom engraving options; buttons may be replaced in the field
- Used with DLM wireless dimming room controller (LMRC-611), or DLM wired room controllers when used in conjunction with a wireless bridge (LMBC-650)
- Plug n' Go automatic configuration for energy savings and Push n' Learn for personalization
- Hidden configuration button for easy access to Push n' Learn
- Firmware can easily be updated over the air using the DLM Configuration App (which communicates via Bluetooth low energy technology)
- Built-in IPv6 and Bluetooth low energy antennas provide robust signal strength and reliable communication
- Sleek single gang device fits decorator wall plates
- May be used for multi-way control applications
- LED indicator for low battery alert
- The product meets the materials restrictions of RoHS

## SPECIFICATIONS

- Power Supply: Battery powered, Lithium Ion, CR123A 3V, 1500 mAh (included)
- Connection to DLM Network: Wireless IPv6 Mesh
- Wireless Standards supported:
  - IPv6 (6LoWPAN / 802.15.4 / 2.4GHz), range up to 60 ft.
  - Bluetooth low energy (802.15.4 / 2.4GHz), range up to 30 ft.
- Built-in Antennas: IPv6 and Bluetooth low energy
- Device Security: -Factory provisioned trusted hardware
- Wireless Encryption: AES 128-bit symmetric key
- Operating conditions: for indoor use only; 32-104°F (0-40°C); 5-95% RH, non-condensing
- UL and cUL listed
- FCC part 15 compliant
- Five year warranty

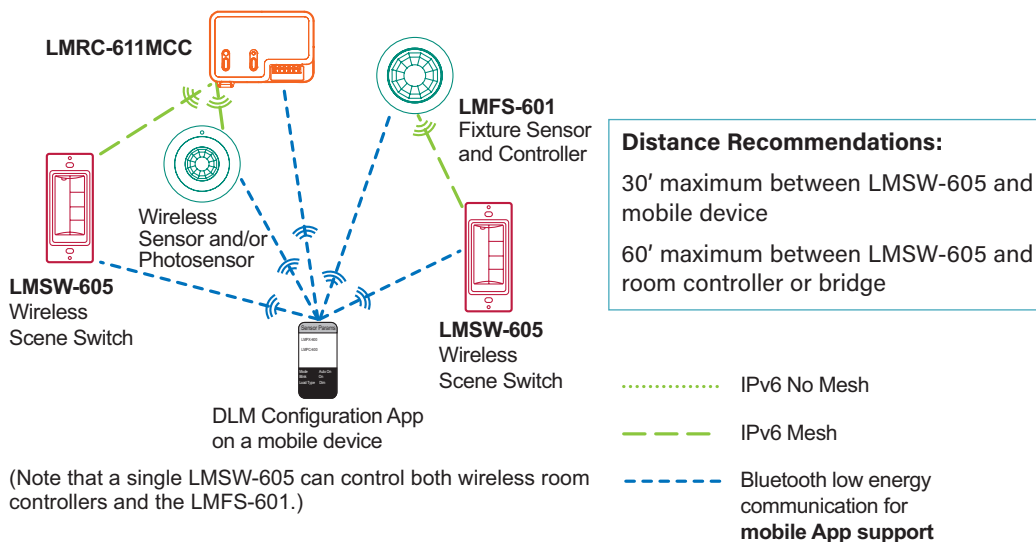
## CONTROLS AND DIMENSIONS

### Switch Controls and Dimensions



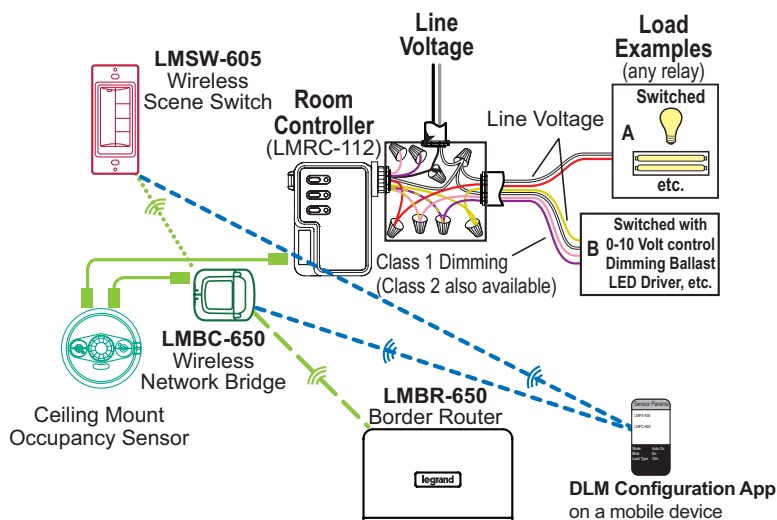
## CONNECTION

## Wireless Room



## Hybrid Room

(Wired and Wireless Devices)



## ORDERING INFORMATION

Catalog #	Color	Description
<input type="checkbox"/> LMSW-605-W	White	Wireless Digital 5-Button Dimming Wall Switch
<input type="checkbox"/> LMSW-605-LA	Light Almond	
<input type="checkbox"/> LMSW-605-I	Ivory	
<input type="checkbox"/> LMSW-605-G	Gray	
<input type="checkbox"/> LMSW-605-B	Black	
<input type="checkbox"/> LMSW-605-R	Red	

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27836r8 Rev 03/24