L-1 legrand

PARTITION SWITCH

LMPS-104

Reconfigures lighting controls for logical operation when movable walls are opened and closed

Each button represents one wall; LED indicates status

IR transceiver for wireless configuration and remote control

Recalls 16 configurations for spaces with up to 5 partitioned areas and 4 movable walls

Field-customizable control buttons

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

DESCRIPTION

The LMPS-104 Partition Switch enables quick manual coordination of lighting controls in flexible spaces with up to four movable walls. It is part of a Digital Lighting Management (DLM) system, and can reconfigure connected switches and occupancy sensors. The LMPS-104 may also be used as a status indicator when an LMIO-102 Digital Partition Interface is used for automatic coordination of controls.

OPERATION

The LMPS-104 operates on Class 2 power supplied to a DLM local network by one or more room controllers. Prior to operation, the user must establish load profiles for each possible configuration of the space, with up to four walls open and closed. Up to 16 load profiles may be configured using Push n' Learn or other DLM configuration tools. When the walls in the controlled space are all closed, the user must toggle the buttons so that all of the LEDs are on. When the controlled space is set up for a new function, the user toggles the buttons associated with each wall that has been opened so that the LED is off. Each different button combination recalls one of the 16 load profiles.

BUTTON ENGRAVING AND DISPLAY OPTION

Each switch may be personalized in the field with custom-engraved buttons (e.g. Wall 1, Wall 2, Wall 3 and Wall 4). When the LMPS-104 is used with an LMIO-102, the buttons are inactive, but each LED automatically displays the status of the associated wall.

APPLICATIONS

LMPS-104 Partition Switches are ideal for multi-use spaces that are frequently reconfigured. Applications include hotel and conference center ballrooms and meeting rooms, school multi-use rooms, and other spaces with movable walls.

FEATURES

- Hidden configuration button for easy access to Push n' Learn™
- Digital Lighting Management components plug together on a free-topology Category 5e DLM local network
- Infrared (IR) transceiver for wireless configuration and control

- Sleek single gang device fits decorator wall plates
- Each button represents one wall; LED indicates status (open or closed)
- Five color options and custom engraving options; standard buttons may be replaced in the field
- The product meets the materials restrictions of RoHS

PROJECT		LOCATION/TYPE	

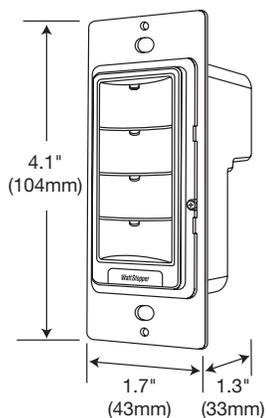designed to be better.®

SPECIFICATIONS

- Input voltage: 24VDC from DLM local network
- Current consumption: 5mA
- DLM local network connection: 2 RJ45 ports
- 4 control buttons, each with LED status indicator
- Hidden configuration button to access Push n' Learn

- Infrared (IR) transceiver
- Operating conditions: for indoor use only; 32-131°F (0-55°C); 5-95% RH, non-condensing
- UL and cUL listed
- FCC part 15 compliant
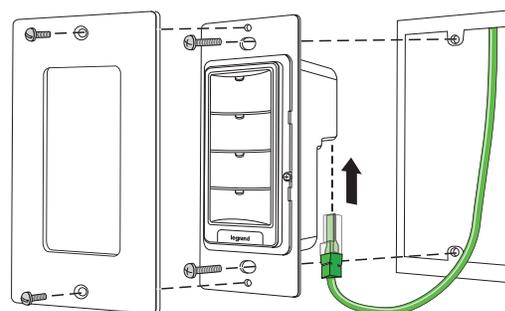- Five year warranty

CONTROLS & MOUNTING

Controls and Dimensions

Green wall status LEDs
Wall status buttons
Configuration button (behind switch plate)
Red configuration LED
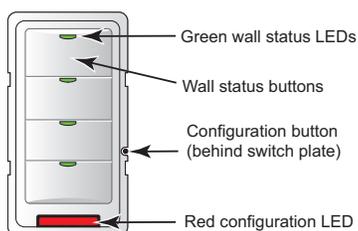
Each button represents a virtual wall in the DLM space.

4.1" (104mm)

1.7" (43mm)   1.3" (33mm)

Mounting

The LMPS-104 Partition Switch fits in a standard single gang box.

CONNECTING

Sample Connection Diagram

Switch

LMRJ Cables

Line Voltage

Room Controller

Loads

1

2

Occupancy Sensor   LMPS-104 Partition Switch
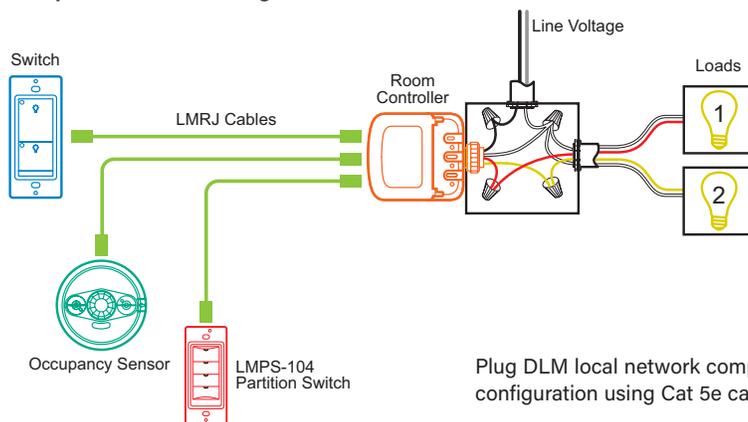
Plug DLM local network components together in any configuration using Cat 5e cables with RJ45 connectors.

ORDERING INFORMATION

Catalog #	Color	Description
☐ LMPS-104-W	White	Digital Partition Switch

LMSW-108 8-button Digital Wall Switches do not support partitioning. LMPS-104 Partition Switches are compatible with all other DLM switches and control devices.
Switches do not include face plates. Order decorator style plate separately.

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