DLM 5.7" GRAPHIC SWITCH

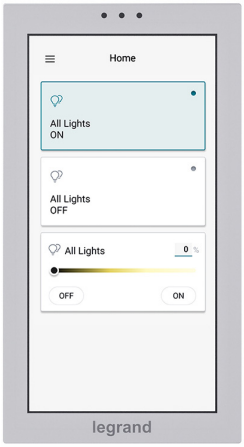
LMGS-150

Full color capacitive touch LCD display with native DLM support

Control support for lights, shades, scenes, DMX, and network groups

Attractive streamlined aesthetic with full glass face, available in Black or White with aluminum trim

Intuitive user interface supports up to 8 screens and multiple button types per screen



Automatically configures with Plug n' Go and is fully customizable with LMCS-100 software

Custom logo image and lock screen with optional pin-code

Supports on-device configuration of Light/Dark themes, page and button labels and display behaviors

Supports up to 16 unique scenes per room

DESCRIPTION

The LMGS-150 graphic switch is a native DLM wired device with a 5.7" capacitive touch LCD display that enables simple control for complex spaces. The user interface provides an intuitive professional experience for whole room control of lights, shades, scenes, and DMX control of LMSI-DMX loads. The LMGS-150 supports Wattstopper Plug n' Go™ (PnG) for simplicity to automatically configure screens for Home, Lights, Shades, and Scenes. The LMGS-150 is fully programmable with LMCS-100 software enabling facility managers to customize button text, icons, and sequence of operations.

OPERATION

The LMGS-150 connects to the DLM local network using a single Cat5e cable for communication and 24VDC low voltage power. For ease of design and installation, each LMGS-150 includes a plenum rated KO mount power supply (LMPB-100). The LMGS-150 can support up to 8 configurable screens and multiple programmable button types. A DLM room can support up to two LMGS-150. The LMGS-150 is field upgradeable to provide optimal user experience throughout the entire life of the product.

APPLICATIONS

The LMGS-150 is ideal for office buildings, educational facilities, and healthcare spaces where multiple zones of control exist. It is optimal for spaces with lights and shades to enable combined control in a single simple interface. The LMGS-150 can also be used to control loads in other spaces by setting up network group commands. The initial release of LMGS-150 is not applicable for partitioned rooms.

FEATURES

Software Features

- Native DLM device with automatic PnG functionality means no special programming required out of box
- Includes up to 8 configurable screens and support for multiple button types
- Supports on-screen navigation using Tap or Swipe
- Settings menu provides screen brightness, device information and QR code help
- Supports customizable image and pin-enabled lock screen
- Compatible with wired DLM rooms, LMCP panels, LMZC-301 zone controllers, and LMSI-DMX loads

Hardware Features

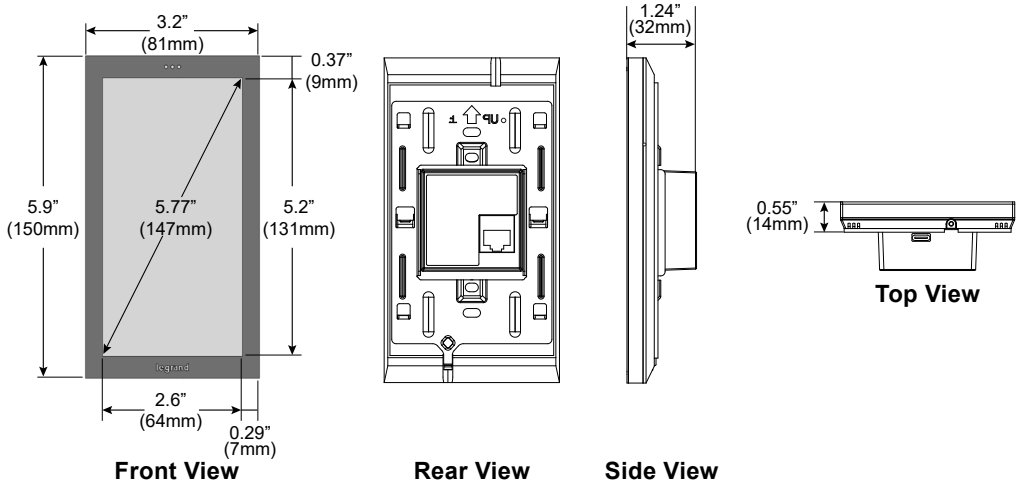
- 5.7" diagonal high-resolution full color capacitive touch LCD display
- Elegant slim aesthetic with full glass front and aluminum trim
- Connects to DLM in-room-bus via RJ45 for power and connectivity, ships with LMPB-100 power supply
- Mount plate is compatible with a single gang metal junction box or low-voltage bracket
- Supplied mounting plate includes a set screw for secure mounting
- Programming is stored in Non-volatile memory and is retained in the event of power loss

PROJECT		LOCATION/ TYPE	

SPECIFICATIONS

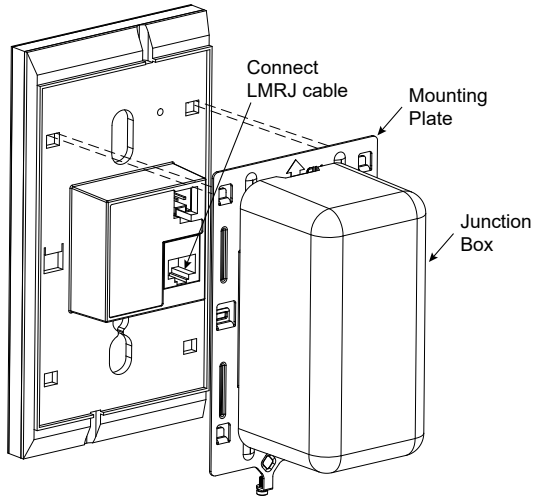
- Voltage: 24VDC
- Current Consumption: 150 mA
- Power Supply: DLM Power Booster (LMPB-100 included)
- Display: 5.7" Diagonal, Full Color, High Resolution, TFT Capacitive Touch LCD, 1440x720, 282ppi, 18:9 Aspect Ratio
- Mounting Orientation: Portrait
- System Compatibility: DLM Wired
  - Maximum LMGS-150 per DLM local network: 2
- Connection to DLM: 1 RJ45 port
- Connectivity: 1 USB-C Port (for field upgrades)
- Finishes: Glass with Black or White painted bezel, Aluminum trim, plastic enclosure
- Environment: For Indoor Use Only
  - Operating Temperature: 32°F to 122°F (0°C to 50°C)
  - Storage Temperature: -4°F to 140°F (-20°C to 60°C)
  - Relative Humidity: 5% to 85% Non-condensing
- Certification: UL and cUL listed(E101196), CE, FCC, RoHS
- Device Weight: 6.4 oz.
- Warranty: 5-Year

DIMENSIONS

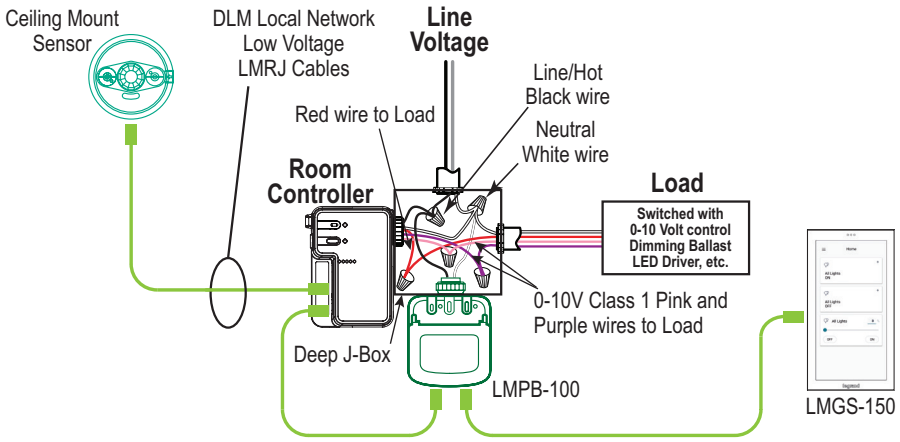


MOUNTING

The LMGS-150 Graphic Switch is designed to mount onto a standard single-gang junction box or low voltage ring, using the supplied mounting plate with security screw. The LMGS-150 then attaches to the mounting plate via tabs and slots. Recommended mounting height per ADA 2010 Design Standards is no higher than 48" above finished floor.



CONNECTIVITY



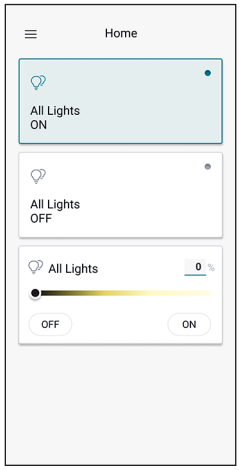
The LMGS-150-PB-x comes with a LMPB-100.

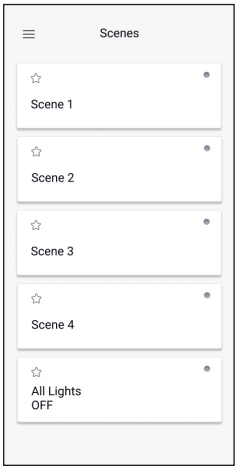
Maximum cable distance between the LMGS-150 and the LMPB-100 is 100 ft.

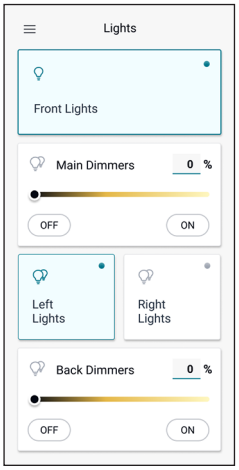
NOTE: After a power loss event, the LMGS-150 will automatically restart when power is restored to the IRB local network. The LMGS-150 takes approximately 90 seconds to restart before the user interface is available to control loads. After a power loss all loads will return to their previous state by default. By using LMCS, loads can be individually configured to turn On or Off.

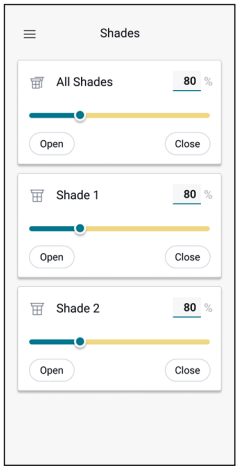
PLUG N' GO OPERATION

The DLM Graphic Switch supports PnG to automatically create default screens and graphical buttons based on the load types in the room. All supported lighting loads are bound to lighting buttons and sliders on the Home, Lights, and Scenes pages. All supported shade loads are bound to shading buttons on the Home and Shades pages. Tapping the Hamburger menu ☰ allows navigation between the available screens.







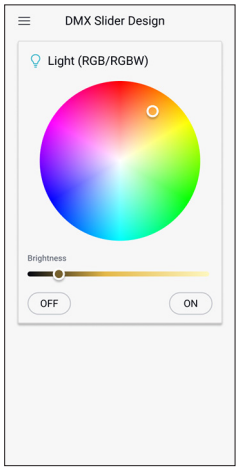


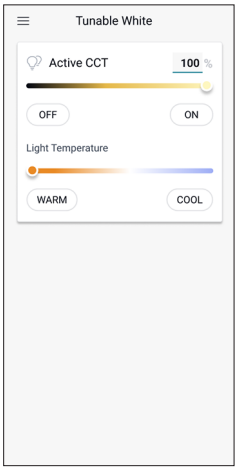
NOTE: All user interface customization is done using LMCS-100. Visit www.legrand.us/wattstopper/software for more information.

NOTE: LMCP panels and LMZC-301 zone controllers do not support PnG.

DMX CONTROL

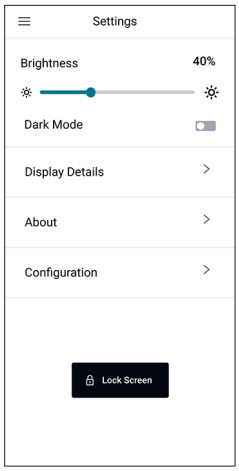
The DLM Graphic Switch supports DMX load control via the LMSI-DMX controller, enabling advanced control for dynamic lighting applications. New slider control types support RGBW control for color mixing and Color Temperature (CCT) control to tune between warm and cool white.

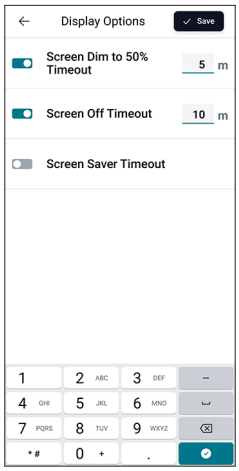


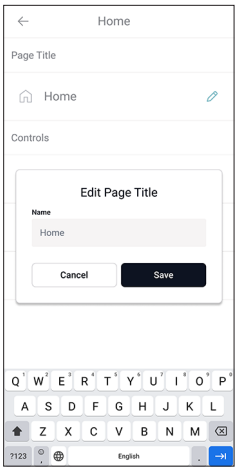


ON-DEVICE CONFIGURATION

The DLM Graphic Switch supports on-device configuration of select user interface settings without requiring additional software. Users can adjust display brightness, switch between Light and Dark modes, edit page and button labels, and configure display timeout and screensaver settings. Access to these features can be restricted using a Configuration Code.







ORDERING INFORMATION

Catalog #	Color	Description
☐ LMGS-150-PB-W	White	DLM 5.7″ Graphic Switch with LMPB-100
☐ LMGS-150-PB-BK	Black	

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