

# WIRELESS SHADE CONFIGURATION TOOL

LMSH-CR

Wireless advanced configuration capabilities for DLM Shade systems

Easy-to-read OLED screen

Configures shading room controllers, switches, and motors.



2-way IR communication for data upload, download, confirmation and storage

Easy-to-use navigation pad

Micro-USB port allows easy updating of firmware.



## DESCRIPTION

The LMSH-CR Wireless Configuration Tool is a handheld tool for advanced remote configuration of Wattstopper Digital Lighting Management (DLM) Shade Systems. The tool enables system and device modifications via pushbutton, without ladders or tools, as well as easy configuration of settings for DLM shading local networks.

## OPERATION

Powered by three AAA batteries, the LMSH-CR features an easy-to-read organic LED (OLED) screen and bi-directional communication with IR-enabled DLM devices. Its intuitive navigation pad provides a familiar interface for users who can see the current system parameters of a DLM local shade network and make changes by navigating through simple menus. The CR facilitates adjustment of shade parameters such as upper and lower limits, motor direction and speed. The CR speeds the adjustments for switch/shade binding settings (also referred to as Push n' Learn™). Using the CR, the installer or programmers can create shade scenes, groups and scheduled shade actions using a shade system integrated astronomic clock. As new DLM products are released, a micro-USB port allows for easy firmware updates via software.

## FEATURES

- Remotely reconfigures and reports Shade parameters such as upper and lower limit, speed, and direction
- Remotely reconfigures and reports switch and Pull preset settings
- Adjusts shade level to facilitate scene setting
- Remotely configures shade groups and scenes that can be used with Astronomic schedules.
- Micro-USB port provided for firmware updates, allowing easy updates for support of new DLM products
- The product meets the materials restrictions of RoHS

## CONFIGURATION AND PERSONALIZATION

The LMSH-CR simplifies replication of shade limit setting with copy and paste functions that allow for multiple shade limits to be set based on one shade position. Also shade noise can be nearly eliminated by changing parameters like shade speed and soft-landing. This makes moving the shade periodically throughout the day using scheduled less obtrusive for the occupants and allows a higher level of acceptance for shade automation.

## APPLICATIONS

Designers and installers can use the LMSH-CR to ensure optimal shade operation to provide the best natural light and thermal comfort solution for the building. It simplifies changes to shade limit settings, scene configurations and schedule setting making the adjustment process ladder-free. The LMSH-CR supports single rooms of shades (48 devices) but multiple rooms can be joined together to allow for shade control across rooms and floors in buildings. The LMSH-CR allows for local configuration and reconfiguration of shade parameters only. For networked shade systems that are larger than the room or combined shade and lighting systems, use LMCS to configure the system.

PROJECT

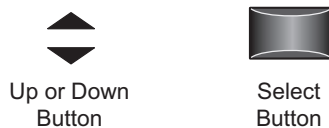
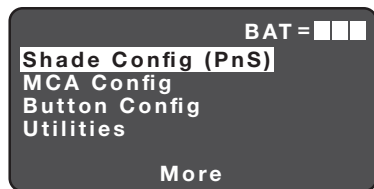
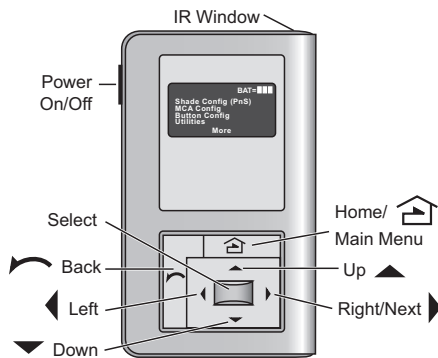
LOCATION/  
TYPE

## SPECIFICATIONS

- Three AAA 1.5 volt batteries (included)
- OLED display 1.4"W x .75"H (36mm x 19mm)
- Infrared (IR) transceiver (36kHz frequency)
- IR range: up to 32' (10m)
- Micro-USB port for firmware updating
- Includes carrying case with belt clip
- Operating temperature: 32-104°F (0-40°C)
- FCC part 15 compliant
- Five year warranty

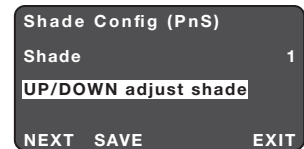
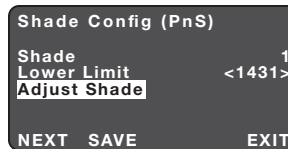
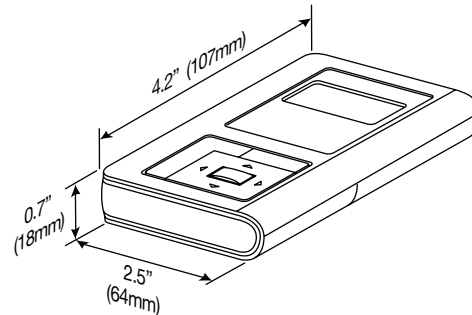
## CONFIGURATION MENUS

### LMSH-CR Handheld Remote with Menu Screens

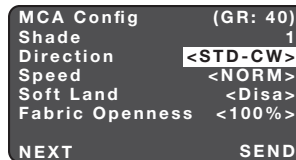


The Home (or Main) menu displays after the power-up process completes. It contains information on the battery status and five menu choices.

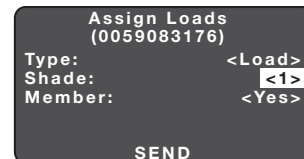
### Dimensions



The Shade Config function allows users to set lower and upper limits for each shade, and to set the open/close amounts for presets.



The MCA Config option provides the ability to customize specific parameters regarding the shade and motor.



Button configuration allows you to assign the button to a specific button function type, to change parameter values, based on the function type, and to assign that button to specific shade loads (each shade motor is a load). Each button can be assigned as a Load Button, Scene Button, Group Button, or Rocker Button

## ORDERING INFORMATION

| Catalog # | Description                                |
|-----------|--|
| LMSH-CR   | Wireless Shade Configuration Tool with USB |