

LMCT-100

Digital Configuration Tool

User Guide



The LMCT-100 Wireless IR Configuration Tool is a handheld tool for setup and testing of WattStopper Digital Lighting Management (DLM) devices. It provides wireless access to occupancy and daylighting sensors for setup and parameter changes, WattStopper Push n' Learn™ (PnL) technology for load configuration, switch and dimmer assignment and operating parameter changes. The LMCT-100's display shows menus and prompts to lead you through each process. The navigation pad provides a familiar way to navigate through the customization fields. The LMCT-100 allows modification of the system without requiring ladders or tools; simply with a touch of a few buttons.

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WattStopper®

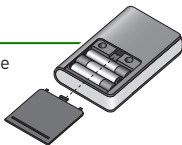
Patents Pending

OPERATION

The LMCT-100's IR transceiver allows bidirectional communication between DLM devices and the LMCT-100. Simple menu screens let you see the current status of the system and make changes. It can change any of the DLM occupancy sensor parameters such as sensitivity, time delay and more. With the LMCT-100 you can also change load configurations, without any new wiring. For systems including the LMLS-305 daylighting sensor the LMCT-100 can also set or change the daylight level parameters. The LMCT-100 can change dimming system options such as scene assignments, fade rates and other options not available through the standard user interface.

BATTERIES

The LMCT-100 operates on three standard 1.5V AAA Alkaline batteries or three rechargeable AAA NiMH batteries.



The battery status displays in the upper right corner of the display. Three bars next to **BAT=** indicates a full battery charge. A warning appears on the display when the battery level falls below a minimum acceptable level.

To conserve battery power, the LMCT-100 automatically shuts off 10 minutes after the last key press.



NAVIGATION

You navigate from one field to another using ▲ (up) or ▼ (down) arrow keys. The active field is indicated by flashing [alternates between yellow text on black background and black text on yellow background].

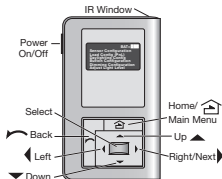
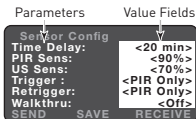
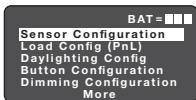
Once active, use the **Select button** to move to a menu or function within the active field.

Value fields are used to adjust parameter settings. They are shown in "less-than/greater-than" symbols: <value>. Once active, change them using ◀ (left) and ▶ (right) arrow keys. In general the ▶ key increments and the ◀ key decrements a value. Selections wrap-around if you continue to press the key beyond maximum or minimum values. Moving away from the value field (using ▲/▼ keys) overwrites the original value.

The  button takes you to the main menu.

The  button can be thought of as an un-do function. It takes you back one screen. Changes that were in process prior to pressing the  key are lost.

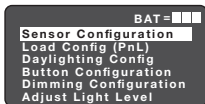
Function Fields (on Home Menu)



Home Menu

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

Press ▲/▼ to locate the desired function then press **Select**.

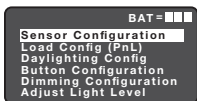


Up or Down
Button

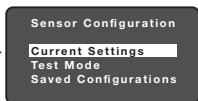


Select
Button

SENSOR CONFIGURATION - CURRENT SETTINGS



Press
Select



Press
Select



Point and
Press Select



This action enables communication between the sensor and the LMCT-100. The sensor immediately sends its current parameter settings.

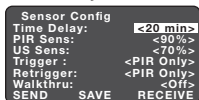
The screen changes to show the current sensor settings where you can adjust sensor parameters. "AH" next to Sensor Config indicates that the sensor is currently in After Hours mode. Changes made while AH is displayed only affect After Hours operation.

4 Sensor Configuration

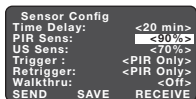
ADJUSTING SENSOR PARAMETERS

Using Current Settings, you can view all parameters applicable to the type of sensor that is currently communicating with the LMCT-100. You can modify settings, send them to the sensor, and/or store them in the LMCT-100.

Time Delay



Adjust
Time Delay
Minutes ◀▶



Adjust PIR
Sensitivity ◀▶

Press the
Down Arrow
for Ultrasonic ▼

Adjust
Ultrasonic
Sensitivity ◀▶

Step 1: push ◀ or ▶ to adjust the value. PIR and Ultrasonic sensitivities vary from 0% to 100% in 10% increments.

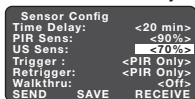
Note: Only sensitivity of technology that is present can be changed.

Step 2: push ▼ to activate the next field.

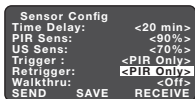
Step 1: push ◀ or ▶ to adjust the value.
Options: <1 to 30 minutes>, and <Override> to disable the sensor.

Step 2: push ▼ to activate the next field.

Detection Sensitivity



Trigger/Retrigger Mode (Dual Tech Sensors only)



Adjust
Trigger
Mode ◀▶

Press the
Down Arrow
for Retrigger ▼

Adjust
Retrigger
Mode ◀▶

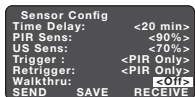
Step 1: push ◀ or ▶ to cycle through selections of technology(ies) for the initial occupancy trigger:

PIR Only ▶ US (ultrasonic) Only ▶ PIR or US
▶ PIR & US ▶

Step 2: push ▼ to activate the next field.

Step 3: push ◀ or ▶ to cycle through technology activations required to keep the load ON after the initial occupancy is triggered.

Walk Through Mode

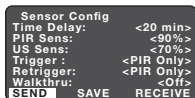


Walk
Through
Mode ◀▶
On or Off

Press the
down arrow to
choose Send, Save or Receive ▼

Walk-through mode turns the load off three minutes after the area is initially occupied if no motion is detected after the first 30 seconds. If motion continues beyond the first 30 seconds, the selected time delay applies.

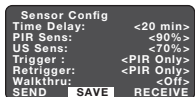
Send



This sends the settings to the sensor.

The LEDs on the sensor blink to confirm the message has been sent. To double-check that the new settings were sent to the sensor, see "Receive."

Save



This saves the settings in the LMCT-100 "Saved Configurations" menu function for future use. Each time you save a configuration the "Memory Slot" number increases. You can save up to 9 configurations. Saved configurations are listed in the LMCT-100's "Saved Configurations" function in the Sensor Configuration menu (for more details, see page 12).

Receive

Important: Selecting Receive before sending new settings to the sensor or saving them to LMCT-100 memory clears any value changes that you made.

Sensor Config
Time Delay: <20 min>
PIR Sens: <90%>
US Sens: <70%>
Trigger : <PIR Only>
Retrigger: <PIR Only>
Walkthru: <Off>
SEND SAVE **RECEIVE**

Point to desired
Occupancy Sensor
Press 'Select'

Choose
Receive 


Press
Select 

Point and
Press Select 


This retrieves the current settings from the sensor.

SENSOR CONFIGURATION - TEST MODE

Sensor Testing - Individual Sensor

BAT = 
Sensor Configuration
Load Config (PnL)
Daylighting Config
Button Configuration
Dimming Configuration
Adjust Light Level

Press
Select 

Press the
Down Arrow
for Test Mode 

Sensor Configuration
Current Settings
Test Mode
Saved Configurations

Press
Select 

Sensor Test Mode
Individual Sensor
All Sensors on bus

Press
Select 

Point to desired
Occupancy Sensor
Press 'Select'

Point and
Press Select 

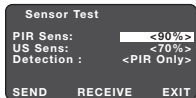
The individual sensor goes into test mode.

Adjusting Sensitivity during Test

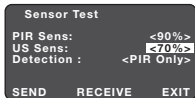
For dual technology sensors, both technologies appear on the screen, otherwise the screen only presents the applicable technology.

PIR Sens = passive infrared sensitivity

US Sens = ultrasonic sensitivity



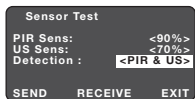
Adjust PIR Sensitivity ◀▶ Press down arrow for Ultrasonic ▼



Adjust Ultrasonic Sensitivity ◀▶

You can adjust sensitivity values while inside the Test Mode. Values are 0 to 100%, in 10% increments.

Detection Criteria (Dual Technology Sensors only)

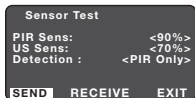


Press down arrow for Detection ▼ Select Detection technology ◀▶

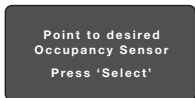
You can select to test one or the other technology, or both technologies together. Selections cycle through:

PIR ▶ US ▶ PIR or US ▶ PIR & US

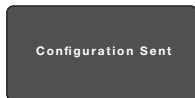
Send



Press
Select

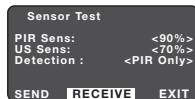


Point and
Press Select



Test Mode starts using
the settings you sent.

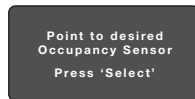
Receive



Choose
Receive



Press
Select

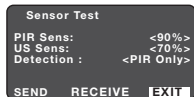


Point and
Press Select



Retrieves settings from the sensor so you can view
or modify them for further testing.

Exit Test Mode



Choose
Exit



Press
Select

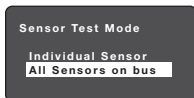


To Exit Test Mode
Point to
Occupancy Sensor
Press 'Select'

Point and
Press Select



Sensor Testing - All Sensors on Bus



Press
Select



Point to desired
Occupancy Sensor
Press 'Select'

Point and
Press Select



When you select "All Sensors on bus", you can test the selected sensor along with other sensors on the DLM Local Network (bus) to understand the coverage in the entire room.

SAVED CONFIGURATIONS

BAT =

Sensor Configuration
Load Config (PnL)
Daylighting Config
Button Configuration
Dimming Configuration
Adjust Light Level

Press  Select

Sensor Configuration

Current Settings
Test Mode
Saved Configurations

Press the Down Arrow for  Saved Configurations Press  Select

Point to desired Type of Occupancy Sensor to retrieve saved configurations for that sensor type

Press 'Select'

Press  Select

Memory Slot Number (up to 9 per sensor type)

Saved Sensor Configs

Pick DT Saved Config
<1 20/90/70/W >

RECALL DELETE

Up to 4 enabled settings, e.g.:
20...Time Delay minutes
90...% PIR Sensitivity
70...% US Sensitivity
W...Walkthrough Enabled

Press the Right or Left Arrow  to view other Saved Configs

Saved Sensor Configs

Pick DT Saved Config
<2 5/80/70 >

RECALL DELETE

To Review the Config Settings Select
RECALL:

Press  Select

Sensor Config

Time Delay: <5 min>
PIR Sens: <80%>
US Sens: <70%>
Trigger : <PIR & US>
Retrigger: <PIR or US>
Walkthru: <Off>
SEND **SAVE**

Press the Down Arrow for  SAVE Press  Select

Saved Sensor Configs

Pick DT Saved Config
<2 5/80/70 >

RECALL **DELETE**

To Delete the Saved Config Select
DELETE:

Press  Select

Deleted Sensor Config in Memory Slot 2

Press 'Select'

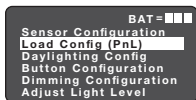
Press  Select

Note: If no saved configurations exist, you will see:
No Sensor Configurations exist, Press 'Select'.

LOAD CONFIGURATION (PnL)

Use the Load Configuration function to identify load numbers, view and change load parameters and load bindings to sensors. You initiate Load Configuration (PnL) also known as Push n' Learn™ by pointing the LMCT-100 at any IR enabled DLM Local Network device when prompted.

Important: To configure load binding from the LMCT-100, it must be initiated by the LMCT-100. After entering PnL you must exit before using the system.



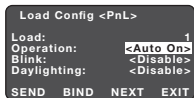
Press
Select



Press
Select



When the device receives the signal from the LMCT-100, the DLM Local Network goes into PnL mode; the red LED on all communicating devices starts blinking at 2x/second and all loads turn OFF except Load 1 turns ON.



Right arrow
to change
setting for
load 1



Down arrow to
highlight NEXT
then SELECT
to go to next
load

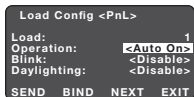


Load Selection

Settings for load 1 appear first.

Push ▼ to highlight NEXT and push the SELECT button to turn ON the next load and view its settings.

Operation Mode

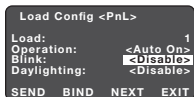


Operation Mode
<Manual On> or <Auto On> ◀▶

The operation mode determines if the load can be turned on automatically by a sensor, or only manually by a switch. Push ◀ or ▶ to adjust the Operation mode. Options are 'Auto On' and 'Manual On'.

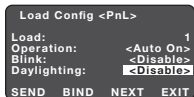
Blink Warning

The Blink Warning flashes the load OFF then ON one minute prior to the sensor automatically turning the load OFF when the time delay expires.



Blink Warning
<Disable> or <Enable> ◀▶

Push ◀ or ▶ to adjust the Blink Warning. Options are 'Disable' and 'Enable'.

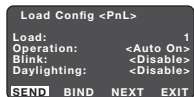


Daylighting
<Disable> or <Enable> ◀▶

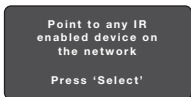
Daylighting Functionality

This function enables and disables an LMLS-305 daylighting sensor to control the selected load.

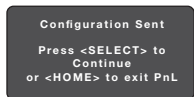
Send



Press
Select 

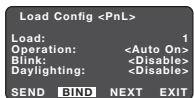




Point and
Press Select 

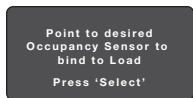


New settings have been sent to the selected load. Wait 5-6 seconds for the message to clear. Select another function (bind, next, exit). To instantly end load configuration press the HOME key.

Bind



Choose
Bind  

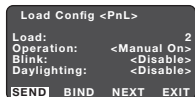
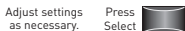
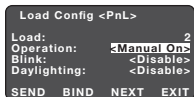
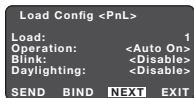


Point and
Press Select 

Binds the occupancy sensor to the selected load.

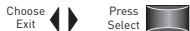
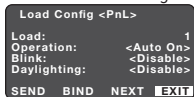
Next

Select another load. When NEXT is selected, Load 1 turns OFF and Load 2 turns ON.



Exit

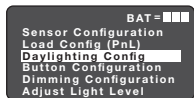
This ends the configuration function and exits PnL.



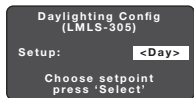
DAYLIGHTING CONFIG (LMLS-305 ONLY)

Refer to the LMLS-305 installation instructions for details about daylighting setup and operation.

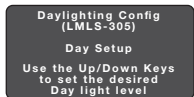
Day Setpoint



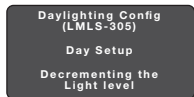
Press
Select



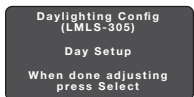
Press
Select



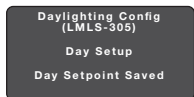
Press Up or Down arrow
to adjust light level



▲ Increment (raise)
▼ Decrement (lower)



Press
Select



Night Setpoint

Daylighting Config
(LMLS-305)

Setup: **<Day>**

Choose setpoint
press 'Select'

Press Left/Right
arrow to scroll to
Night Setpoint 

Daylighting Config
(LMLS-305)

Setup: **<Night>**


Choose setpoint
press 'Select'

Press 

Daylighting Config
(LMLS-305)

Night Setup

Use the Up/Down Keys
to set the desired
Night light level

Press Up/Down
arrow to adjust
light level 

Daylighting Config
(LMLS-305)

Night Setup

Decrementing the
Light level

Press  Increment (raise)
Up/Down
arrow Decrement (lower)

Daylighting Config
(LMLS-305)

Night Setup

When done adjusting
press Select

Press 

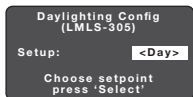
Daylighting Config
(LMLS-305)

Night Setup

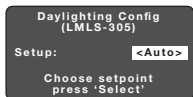
Night Setpoint Saved

Auto Setpoint

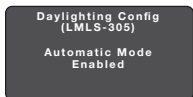
This function allows the LMLS-305 to automatically adjust its setpoints.



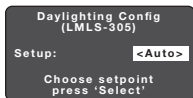
Press Left/Right
arrow to scroll to
Auto Setpoint



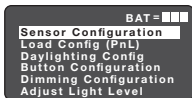
Press
Select



Press the Home Button to return to the Home Page.



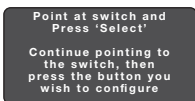
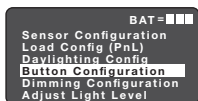
Press
Home



BUTTON CONFIGURATION

Refer to the DLM Dimming System Addendum for further information and system requirements.

Button Configuration enables communication between the load, its assigned switch and the LMCT-100. Use the Button Configuration function to change Type, Mode and Fade Times of a switch button and to lock scene buttons.



Press Select



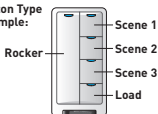
Point at Switch, Press Select, All Blue LEDs on Switch Blink



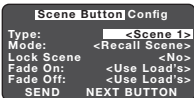
Continue Pointing at Switch, Press Button, The Button's LED Blinks

Based on whether the button pressed is a Scene Button, Load Button or Rocker Button, one of the following screens is presented.

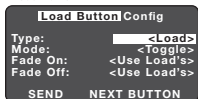
Button Type Example:



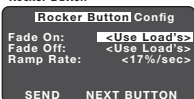
Scene Button



Load Button



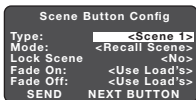
Rocker Button



Scene Button Parameters

Type

You may change the button type by scrolling through the values for Type. The options are Scene 1 through Scene 16 or Load. If you select Load and press ▼, a new screen appears containing adjustments particular to Load buttons (see Load Button Parameters on page 24).



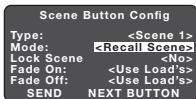
Choose <Scene 0-16>
or <Load>



Mode

Mode options for Scene buttons are:

- **Recall Scene** (default). Each time the button is pressed turns ON the scene.
- **Scene Off**. Each time the button is pressed turns OFF the scene. Note: when Scene Off mode is set, the blue LED on the button is never lit.
- **Recall/OFF** is similar to a toggle function, pressing the button once when the scene is not active recalls the scene; a subsequent button press while the scene is active turns OFF all members of the scene.



Choose <Recall Scene>,
<Scene Off> or <Recall/Off>



Lock Scene

Lock Scene options are Yes and No. Selecting Yes limits the button function to executing the scene per the Mode setting; light levels for the assigned scene can not be recorded from this scene button. A user can record the scene light level from this button if Lock Scene is No.

Scene Button Config	
Type:	<Scene 1>
Mode:	<Recall Scene>
Lock Scene	<Yes>
Fade On:	<Use Load's>
Fade Off:	<Use Load's>
SEND	NEXT BUTTON

Choose <Yes> or <No>



Fade On, Fade Off

Fade On and Fade Off determines how much time it takes for the loads to reach their target levels when this button is pressed.

The fade time defaults are Use Load's. By default, all loads in a scene carry a two second ON and OFF fade time. Each button can be set for different fade times independently for the same scene. Application: This feature allows the user to recall a scene quickly from one button, but from another button the scene recall is much slower and gradual.

Scene Button Config	
Type:	<Scene 1>
Mode:	<Recall Scene>
Lock Scene	<Yes>
Fade On:	<20 sec>
Fade Off:	<Use Load's>
SEND	NEXT BUTTON

Choose <Use Load's> or
<None up to 18 hours>



Scene Button Config	
Type:	<Scene 1>
Mode:	<Recall Scene>
Lock Scene	<Yes>
Fade On:	<20 sec>
Fade Off:	<3 min>
SEND	NEXT BUTTON

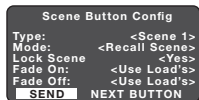
Choose <Use Load's> or
<None up to 18 hours>



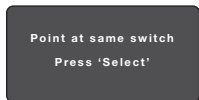
Fade time value options are from None (immediate) to 18 hours in duration. As you scroll through the values, the units of measure change from seconds to minutes to hours.


Send

Choosing SEND and pressing Select saves the new settings to this button. After pressing select, the "Point at Switch" screen is presented. From this screen you can either configure another button or exit Button Configuration.



Choose  Press 
SEND  Select





Point at Same Switch, 
Press Select

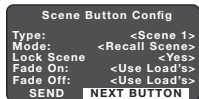
To Exit , Press HOME



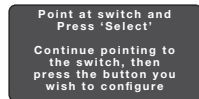
Next Button


Important: After configuring a button, always choose SEND before going to the next button. New settings are not saved until sent to the button.

To configure another button, press  once to go directly to NEXT BUTTON, or press  to scroll down to NEXT BUTTON. Press Select to bring up the screen instructing you to "Point at switch and Press 'Select'". Follow the instructions on this screen.



Choose  Press 
NEXT BUTTON  Select



Point at Switch, Press Select. 
Then, press the button; it's
LED starts blinking.

Load Button Parameters

Type

You may change the button type by scrolling through the values for Type. The options are Scene 1 through Scene 16 or Load. If you select Scene 1 through 16 and press ▼, a new screen appears containing adjustments particular to Scene buttons (see Scene Button Parameters on page 21).



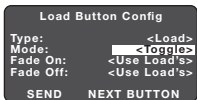
Choose <Scene 1-16>
or <Load>



Mode

Mode options for Load buttons are Toggle (default), On Only and Off Only.

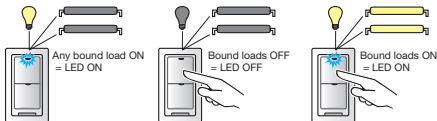
In On Only or Off Only mode, each button press only causes the associated action.



Choose <Toggle>,
<On Only> or <Off Only>



In Toggle mode, if there are multiple loads bound to a button and any load is ON, the LED will be lit. Pressing the button turns OFF all loads and the LED on the button turns OFF. Pressing the button again turns ON all loads bound to the button.



Fade On, Fade Off

Fade On and Fade Off determines the time that it takes for loads bound to this button to reach the target level.

The fade time defaults are Use Load's. By default, all loads carry a two second ON and OFF fade time. Each button can be set for different fade times independently for the same loads, allowing fast or slow load fade, depending on the button pressed.

Fade time value options are from None (immediate) to 18 hours in duration. As you scroll through the values, the units of measure change from seconds to minutes to hours.

Send, Next Button

These selections are described on page 23.

Rocker Button Parameters

A rocker button, or paddle, is a type of load button. It cannot be changed to be a scene button. Parameter options are Fade On, Fade Off, and Ramp Rate.



Choose <Use Load's> or
<None up to 18 hours>



Choose <Use Load's> or
<None up to 18 hours>



Fade On, Fade Off

Fade On and Fade Off determines the time that it takes for loads bound to this rocker to reach the target level.

The fade time defaults are Use Load's. By default, all loads carry a two second ON and OFF fade time. Each rocker and button can be set for a different fade time independently for the same loads, allowing fast or slow load fade depending on the button or rocker used.

Fade time value options are from None (immediate) to 18 hours in duration. As you scroll through the values, the units of measure change from seconds to minutes to hours.

Ramp Rate

Ramp Rate determines the speed (or rate) at which the light level of bound loads increases or decreases when the top or bottom of the rocker is **pressed and held**. The default value is 17%/second which means that it takes approximately 6 seconds to ramp from 0-100%.

Send, Next Button

These selections are described on page 23.

Rocker Button Config

Fade On:	<40 sec>
Fade Off:	<Use Load's>
Ramp Rate:	<17%/sec>

SEND NEXT BUTTON

Choose <Use Load's> or
<None up to 18 hours>



Rocker Button Config

Fade On:	<Use Load's>
Fade Off:	<5 min>
Ramp Rate:	<17%/sec>

SEND NEXT BUTTON

Choose <Use Load's> or
<None up to 18 hours>



Rocker Button Config

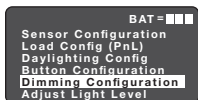
Fade On:	<Use Load's>
Fade Off:	<Use Load's>
Ramp Rate:	<17%/sec>

SEND NEXT BUTTON

DIMMING CONFIGURATION

Dimming Configuration enables communication between the load and the LMCT-100. Use this function to change dimming parameters.

Refer to the DLM Dimming System Addendum for further information and system requirements.



Press  Select

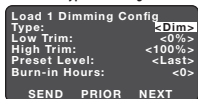


Press  Select

Load 1 quickly turns ON and OFF (or OFF and ON depending on its original state).

Based on the room controller type (Dim or Switch) one of the following screens is presented for load 1.

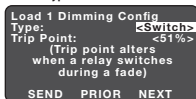
Type: Dimming



Choose Load Type:   Press 

Dim or Switch

Type: ON/OFF Switch



Choose Load Type:   Press 

Dim or Switch

Important: All loads connected to dimming capable room controllers default to Load Type <Dim>. Be sure to select the appropriate load type because these room controllers can control either type of load. Default settings are based on the load type selected.



Dimming Load Parameters

Refer to the DLM Dimming System Addendum for further information and system requirements.

Low Trim

Entering a Low Trim value limits how low a load is allowed to dim. This overrides any other light level settings. The value options are 0-99% in 1% increments.

Load 1 Dimming Config	
Type:	<Dim>
Low Trim:	<0%>
High Trim:	<100%>
Preset Level:	<Last>
Burn-in Hours:	<0>
SEND PRIOR NEXT	

Choose Low Trim:  
<Last> or <0-99%>

High Trim

Entering a High Trim value limits how high a load is allowed to dim. This overrides any other light level settings. The value options are 1-100% in 1% increments.


Load 1 Dimming Config	
Type:	<Dim>
Low Trim:	<0%>
High Trim:	<80%>
Preset Level:	<Last>
Burn-in Hours:	<0>
SEND PRIOR NEXT	

Choose High Trim:  
<Last> or <1-100%>

Preset

Entering a Preset value causes the lights to go to this light level each time they are turned on. By default, the value is set to Last, which turns the load on to its last used level. The value options are Last or 1-100% in 1% increments.

Load 1 Dimming Config	
Type:	<Dim>
Low Trim:	<0%>
High Trim:	<100%>
Preset Level:	<35%>
Burn-in Hours:	<0>
SEND PRIOR NEXT	

Choose Preset Light Level:  
<Last> or <1-100%>

Burn-in

This feature allows the user to burn-in, or season, all of the lamps associated with the load. This is most often done to fluorescent lamps to insure stabilization of the lamp and/or dimming compatibility.

```
Load 1 Dimming Config
Type: <Dim>
Low Trim: <0%>
High Trim: <100%>
Preset Level: <Last>
Burn-in Hours: <100>

SEND PRIOR NEXT
```

Choose Burn-in Hours
<0, 12 or 100>

The value options are 0, 12 or 100 hours. If 12 or 100 hours is entered, then the associated lights remain at 100% light level at any time they are turned ON until the number of hours have elapsed. The light may be turned ON or OFF as desired, however they do not respond to dimming during this time.

Send

Choosing Send and pressing Select saves the new settings to load 1. After pressing select, the "Point to any IR enabled device" screen is presented. From this screen you can either configure another load or exit Dimming Configuration by pressing the HOME or BACK buttons.

```
Load 1 Dimming Config
Type: <Dim>
Low Trim: <0%>
High Trim: <100%>
Preset Level: <Last>
Burn-in Hours: <100>

SEND PRIOR NEXT
```

Choose SEND  Press Select 

```
Point to any IR
enabled device on
the network

Press 'Select'
```

To Configure Next Load
Point at Device, Press Select 

To Exit , Press HOME



Next

Important: After configuring a load, always choose SEND before going to the next load. New settings are not saved until sent to the load.

To advance to the next load, press ▲ once to go directly to NEXT, or press ▼ to scroll down to NEXT. Press select.



Choose
NEXT



Press
Select



To Configure Next Load
Point at Device, Press Select



Prior

To go to the prior load, press ▲ or ▼ to scroll to PRIOR. Press select.



Choose
PRIOR



Press
Select



To Configure Prior Load
Point at Device, Press Select



Switched Load Parameters

For a Switched load, the only parameter that is adjustable is the Trip Point. The Trip Point determines at what point in a ramp or fade the load turns ON or OFF. The value options are 1%, 25%, 75%, 51% or 100%. The default is 51%.

Load 2 Dimming Config

Type: <Dim>

Low Trim: <0%>

High Trim: <100%>

Preset Level: <Last>

Burn-in Hours: <100>

SEND PRIOR NEXT

Choose Switch ►

Load 1 Dimming Config

Type: <Switch>

Trip Point: <51%>

(Trip point alters
when a relay switches
during a fade)

SEND PRIOR NEXT

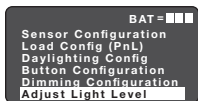
Choose Desired Trip Point
<1%, 25%, 51%, 75% or 100%> ◀▶

Send, Next, Prior

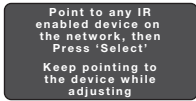
These selections are described on pages 29-30.

ADJUST LIGHT LEVEL

Adjust Light Level enables communication between the load and the LMCT-100. This feature allows a user to manually adjust the light level of a load without the need for a dimming switch or load button. This is particularly useful for setting scenes.





Press 
Select



Press 
Select



Keep pointing to the device while adjusting

-  Press the right or left arrow to select load. The selected load quickly turns ON and OFF.
-  Press the up or down arrow to adjust light level

A quick tap on ▲ turns ON the selected load, a quick tap on ▼ turns OFF the load. Pressing and holding ▲ ramps the light level up, pressing and holding ▼ fades the light level down.

Exit



Press HOME when done

TROUBLESHOOTING

Problem: Display doesn't come on when I press the Power On button.

1. Make sure batteries are installed correctly.
2. Make sure batteries are good.

Problem: Error message when the LMCT-100 requires a response from a device.



No response
from device.

Press 'Select'

Press Select to return to the Home menu, then re-select the menu function.

Problem: If the LMCT-100 still can't get a response from the device:

1. Point to the device and try again.
2. Make sure you are pointing at the correct type of device.
3. Make sure the device is within range.
4. Make sure the device you are pointing at is powered and connected to the DLM Local Network.
5. Make sure the device is IR equipped.
6. Make sure the IR lenses on the device and the LMCT-100 are clean.
7. Check batteries.

Problem: The Home Menu does not display all the configuration functions described in this manual.

Explanation: Check the Start-up Screen for version number.

Start-up Screen



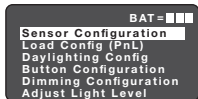
← Version number

Home Menu

Version 03.02.20 or 04.02.20



Version 03.02.21 or 04.02.21



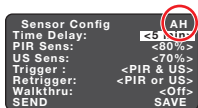
If using a LMCT-100 version prior to 03.02.21 or 04.02.21, configuration functions are described on pages 1 through 19.

Problem: A parameter value field shows <????>.

Explanation: If <????> appears in any value field, the current setting is invalid. Adjust the setting to one of the valid options.

For other questions concerning versions, contact Technical Support.

Problem: An “AH” appears in the upper right corner on the menu title line. For example:



Explanation: There are two sets of parameters in every device, one for normal hours, which is the default configuration, and one for After Hours. “AH” is a flag that appears on a screen if the device that the LMCT-100 is communicating with is in After Hours mode.

If this indicator does not appear then the device or load is in Normal Hours.

Parameters changed while in one of these modes will be changed for that mode only.

After Hours parameters are only available in network systems where a Segment Manager is used to set After Hours schedules for a load or device.

Problem: I need more information about the DLM System.

1. The DLM System Installation Guide, Dimming System Addendum, and Segment Management Networking Addendum are available at www.wattstopper.com ⇒ Resources ⇒ Downloads ⇒ Installation Instructions ⇒ Digital Lighting Management.

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