Z·MAX

QUICK PROGRAMMING GUIDE

LEVITON

Table of Contents

These instructions were designed to assist the programmer with common setups. It makes the assumption all high and low voltage connections have been properly connected and confirmed.

Since this is a condensed quick document you may see addtional selections in some menus. Don't let this confuse you. Only concern yourself with the selections in the instructions.

Ok, here we go...

The LCD display shows the current operational status of your relay panel and provides a way to operate and configure your product.

Status Display

When the system is operating normally, the top line of the LCD display shows the day, time, locked/unlocked status of the panel, and the status of the event scheduler. The second line shows the status of the panel: Normal, Bypass ON, Bypass OFF, or Emergency.

User Interface

Programming/Function Buttons

MENU — Allows the user to navigate through the system configuration and setup menus.

SELECT/SAVE — Selects or Saves the current menu item.

CANCEL — Aborts the current entry and returns back one level in the menu structure.

CLEAR — Clears the current entered value.

RELAY ON/OFF — Allows for direct front panel control of basic relay functions.

ALL ON/ALL OFF — Activates all relays in an override state. This operation temporarily disables all switch inputs.

Navigation Buttons

Use the keypad buttons for alpha-numeric data entry.

HYPHEN 1	ABC 2	DEF 3	GHI 4	JKL 5
MNO 6	PQRS 7	TUV 8	WXYZ 9	SPACE 0

The UP/DOWN buttons are also used for data entry/value changes and to navigate menus.

The LEFT/RIGHT buttons are also used to changed between "fields" when configuring your panel.

NOTE After approximately 3 minutes of inactivity on any menu screen, the LCD will revert back to the status screen.

WEB VERSION

Setting the Clock

Step 1: Press MENU

Step 2: Press ⬆️⬇️ to: MAIN MENU SELECT TIME/DATE/ASTRO

Step 3: Press SELECT/SAVE

Step 4: Press ⬆️⬇️ to: TIME/DATE/ASTRO SET TIME & DATE

Step 5: Press SELECT/SAVE
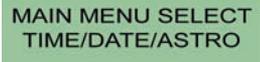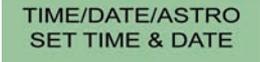
Step 6: Display should read:
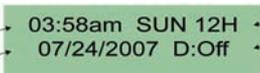
Time & Day → 03:58am SUN 12H ← Mode: 12/24hr
Date → 07/24/2007 D:Off ← Daylight Savings Time:
US - United States
EU - Europe
US7 - U.S. in 2007

Step 7: Use ⬆️⬇️ ⬅️➡️ and data entry buttons to adjust all settings.

Step 8: Press SELECT/SAVE to save your settings.

NOTE For astronomical settings, contact the factory at (800) 959-6004.

WEB VERSION

Low Voltage Switch

The following behaviors are available for programming low voltage switches:
1- Momentary: first switch press is on, second switch press is off.
2- Maintained (SPST): typically a standard wall switch; when the switch is closed, the relays will turn on and when the switch is opened the lights will turn off.
3- Momentary Timed: when switch is pressed, lights on for a specified time period.

Step 1: Press MENU

Step 2: Press ↑↓ to: MAIN MENU SELECT CONFIGURATION

Step 3: Press SELECT SAVE

Step 4: Press ↑↓ to: CONFIGURATION MODE: SIMPLE

Step 5: Press SELECT SAVE

Step 6: Press ↑↓ to: SET OPERATING MODE: ADVANCED

Step 7: Press SELECT SAVE

Step 8: Display should read: CONFIGURATION MODE: ADVANCED

Step 9: Press ↑↓ to: CONFIGURATION INPUTS

Step 10: Press SELECT SAVE

Step 11: Press ↑↓ to: DISCRETE INPUTS ASSIGN ACTIONS

Step 12: Press SELECT SAVE

Step 13: Press ↑↓ to: ASSIGN ACTIONS SWITCH INPUTS

Step 14: Press SELECT SAVE

Step 15:   Display should read:

> **ASSIGN SWITCHES**
> **001: LOCAL**

NOTE   Use ⬆️⬇️ to select desired switch input. Switch inputs are the hardwired locations within the panel. For instance, a Z-MAX 8 panel has 8 switch inputs; therefore, 001 is the first input and 008 is the eighth input. We will use switch input **001** for this example.

Step 16:   Press
> SELECT
> SAVE

To program a **Momentary Low Voltage Switch**, proceed to Step 17a on page 6.

To program a **Maintained Low Voltage Switch**, proceed to Step 17b on page 7.

To program a **Momentary Timed Low Voltage Switch**, proceed to page 8.

Low Voltage Switch | Momentary

Step 17a: Press ⬆⬇ to:

> SWITCH: 001 LOCAL
> Momentary

Step 18: Press SELECT/SAVE

Step 19: Press ⬆⬇ to:

> SWITCH: 001 LOCAL
> ADD RELAY/GROUP

Step 20: Press SELECT/SAVE

Step 21: Press ➡ to relay selection section; the left hand side of 01-01 should be flashing.

Step 22: Use ⬆⬇ ⬅➡ to select desired relays.

Ex.
> SWITCH: 001 LOCAL
> Add 1: RLY 01-04

Step 23: Press SELECT/SAVE

Step 24: To add additional relays, repeat Steps 19 thru 23.

Ex.
> SWITCH: 001 LOCAL
> Add 2: RLY 07

If no additional relays are required, press Cancel. To proceed to additional input configurations, repeat Steps 15 thru 23.

Step 25: Press MENU to exit.
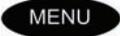
Low Voltage Switch | Maintained

Step 17b: Press [↑][↓] to:

> SWITCH: 001 LOCAL
> Maintained

Step 18: Press [SELECT SAVE]

Step 19: Press [↑][↓] to:

> SWITCH: 001 LOCAL
> ADD RELAY/GROUP

Step 20: Press [SELECT SAVE]

Step 21: Press [→] to relay selection section; the left hand side of 01-01 should be flashing.

Step 22: Use [↑][↓] [←][→] to select desired relays.

> Ex.
> SWITCH: 001 LOCAL
> Add 1: RLY 01-04

Step 23: Press [SELECT SAVE]

Step 24: To add additional relays, repeat Steps 19 thru 23.

> Ex.
> SWITCH: 001 LOCAL
> Add 2: RLY 07
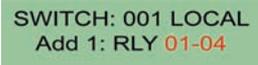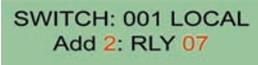
If no additional relays are required, press Cancel. To proceed to additional input configurations, repeat Steps 15 thru 23.

Step 25: Press [MENU] to exit.

Low Voltage Switch | Momentary Timed

A timed switch could be used when there is not an occupancy sensor in the area but you want to make sure the lights don't remain on over a determined period of time.

NOTE You will be required to go through two processes:
A. Setting up the switch TYPE, action and relays to be controlled.
B. Assigning a time to the action.

Process A: Setting up the switch, action and relays to be controlled.

Step 1: Press **MENU**

Step 2: Press ⬆️⬇️ to:
> MAIN MENU SELECT
> CONFIGURATION

Step 3: Press **SELECT SAVE**

Step 4: Press ⬆️⬇️ to:
> CONFIGURATION
> MODE: SIMPLE

Step 5: Press **SELECT SAVE**

Step 6: Press ⬆️⬇️ to:
> SET OPERATING
> MODE: ADVANCED

Step 7: Press **SELECT SAVE**

Step 8: Display should read:
> CONFIGURATION
> MODE: ADVANCED

Step 9: Press ⬆️⬇️ to:
> CONFIGURATION
> INPUTS

Step 10: Press **SELECT SAVE**

Step 11: Press ⬆️⬇️ to:
> DISCRETE INPUTS
> ASSIGN ACTIONS

Step 12: Press **SELECT SAVE**

Step 13: Press ⬆️⬇️ to:
> ASSIGN ACTIONS
> SWITCH INPUTS

Step 14: Display should read:
> ASSIGN SWITCHES
> 001: LOCAL

Low Voltage Switch | Momentary Timed

NOTE Use to select desired switch input. Switch inputs are the hardwired locations within the panel. For instance, a Z-MAX 8 panel has 8 switch inputs; therefore, 001 is the first input and 008 is the eighth input. We will use switch input **001** for this example.

Step 15: Press

Step 16: Press to: SWITCH: 001 LOCAL
Momentary Timed

Step 17: Press

Step 18: Press to: SWITCH: 001 LOCAL
ADD RELAY/GROUP
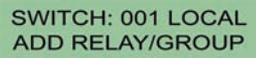
Step 19: Press

Step 20: Press to relay selection section; the left hand side of 01-01 should be flashing.

Step 21: Use to select desired relays.

Ex.   SWITCH: 001 LOCAL
Add 1: RLY 01-04
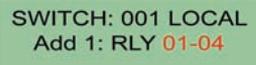
Step 22: Press

Step 23: To add addtional relays, repeat Steps 14 thru 22.

Ex.   SWITCH: 001 LOCAL
Add 2: RLY 07

If no additional relays are required, press Cancel. To proceed to additional input configurations, repeat Steps 14 thru 22.

Low Voltage Switch | Momentary Timed

Process B: Now we will assign a hold time to the swtich alone. This is the amount of time the switch will remain active before deactivating and thus shutting the lights off.

Step 1: Press MENU

Step 2: Press ↑↓ to: MAIN MENU SELECT CONFIGURATION

Step 3: Press SELECT/SAVE

Step 4: Press ↑↓ to: CONFIGURATION SYSTEM SETUP

Step 5: Press SELECT/SAVE

Step 6: Press ↑↓ to: CONFIGURATION GLOBAL DEFAULTS
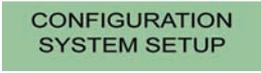
Step 7: Press SELECT/SAVE

Step 8: Press ↑↓ to: CONFIGURATION SW Tswit 30 min

Step 9: Press SELECT/SAVE to edit the time.

Step 10: Use ↑↓ to change the time.

Step 11: Press MENU to go back to the main screen.

NOTE The time you set is a global time and applies to all timed switches.

The following behaviors are available for programming digital switches:
1- Momentary: first switch press is on, second switch press is off.
2- Maintained (SPST): typically a standard wall switch; when the switch is closed, the relays will turn on and when the switch is opened the lights will turn off.
3- Momentary Timed: when switch is pressed, lights on for a specified time period.

NOTE This section will only cover momentary switch functions.

There are two types of swtiches - low voltage and digital. Low voltage switch inputs are local to the panel with 48 maximum inputs available (1-48). For this discussion, you will begin assigning digital switches beginning at 49 thru 252.

Since digital switches have address switches you will be required to add:
1- Input #
2- Station #
3- Button #
4- Refer to Activating Luma-Net starting on page 16

Step 1: Press MENU
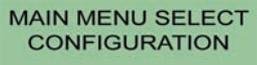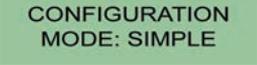
Step 2: Press ⬆⬇ to: MAIN MENU SELECT CONFIGURATION

Step 3: Press SELECT/SAVE

Step 4: Press ⬆⬇ to: CONFIGURATION MODE: SIMPLE

Step 5: Press SELECT/SAVE

Step 6: Press ⬆⬇ to: SET OPERATING MODE: ADVANCED

Step 7: Press SELECT/SAVE

Step 8: Display should read: CONFIGURATION MODE: ADVANCED

Step 9: Press ⬆⬇ to: CONFIGURATION INPUTS

Step 10: Press ⬆⬇ to: DISCRETE INPUTS DEFINE TYPES

DIGITAL SWITCH

WEB VERSION
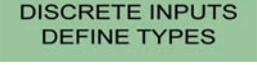
Digital Switch | Momentary

Step 11: Pres [SELECT SAVE]

Step 12: Use the numeric keypad to enter "049" for the first digital switch.

Ex.
```
SET INPUT TYPES
049: SWT Act HIGH
```
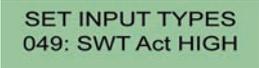
Step 13: Press [SELECT SAVE] twice.

Step 14: Use the numeric keypad to enter the digital switch address.

Ex.
```
SET NETWORK: ecL
ADD:  2 BT: 1
```
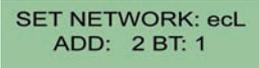
Step 15: Press → once to enter digital switch button.

Ex.
```
SET NETWORK: ecL
ADD:  2 BT: 1
```

Step 16: Press [SELECT SAVE]
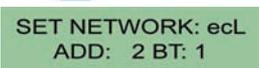
Step 17: For additional inputs or buttons, press the up arrow to "050" for switch input.

Repeat Steps 9 thru 12 for any additional switches or buttons. Otherwise, proceed to Step 14.

EXAMPLE 1: 5 Button Station

INPUT: 049	SET NETWORK: ecL ADD: 2 BT: 1
INPUT: 050	SET NETWORK: ecL ADD: 2 BT: 2
INPUT: 051	SET NETWORK: ecL ADD: 2 BT: 3
INPUT: 052	SET NETWORK: ecL ADD: 2 BT: 4
INPUT: 053	SET NETWORK: ecL ADD: 2 BT: 5
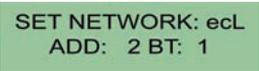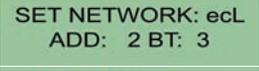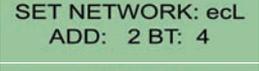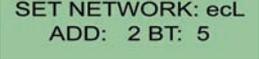
OR

EXAMPLE 2: 3 Single Button Stations

INPUT: 049	SET NETWORK: ecL ADD: 2 BT: 1
INPUT: 050	SET NETWORK: ecL ADD: 3 BT: 1
INPUT: 051	SET NETWORK: ecL ADD: 4 BT: 1

Step 18: Press CANCEL — DISCRETE INPUTS / DEFINE TYPES

Step 19: Press ↑↓ to: DISCRETE INPUTS / ASSIGN ACTIONS

Step 20: Press SELECT/SAVE

Step 21: Press ↑↓ to: ASSIGN ACTIONS / SWITCH INPUTS

Step 22: Press SELECT/SAVE

Step 23: Use the numeric keypad to select the desired switch input.

Ex. ASSIGN SWITCHES / 049: NETWORKED

Step 24: Press SELECT/SAVE

Step 25: Press ↑↓ to: SWITCH:049 NETWK / Momentary

Step 26: Press SELECT/SAVE

Step 27: Press ↑↓ to: SWITCH:049 NETWK / ADD RELAY/GROUP

Step 28: Press SELECT/SAVE

Digital Switch | Momentary

Step 29: Press ➡ to relay selection section; the left hand side of 01-01 should be flashing.

Step 30: Use ⬆⬇ ⬅➡ to select desired relays.

Ex.
SWITCH:049 NETWK
ADD 1:RLY 01-04

Step 31: Press SELECT SAVE

Step 32: To add additional relays, repeat Steps 27 thru 31.

Ex.
SWITCH:049 NETWK
ADD 2:RLY 08-12

If no additional relays are required, press Cancel. To proceed to additional input configurations, repeat Steps 23 thru 31.

Step 33: Press MENU once to go back to the main screen.

Step 34: The final step for completing this process will be to activate Luma-net. Refer to **Activating Luma-net** below.

Activating Luma-net

Step 1: Press MENU

Step 2: Press ⬆⬇ to:
MAIN MENU SELECT
CONFIGURATION

Step 3: Press SELECT SAVE

Step 4: Press ⬆⬇ to:
CONFIGURATION
MODE: SIMPLE

Step 5: Press SELECT SAVE

Step 6: Press ⬆⬇ to:
SET OPERATING
MODE: ADVANCED

Step 7: Press SELECT SAVE

Step 8:	Display should read:		CONFIGURATION MODE: ADVANCED
Step 9:	Press ↑↓ to:		CONFIGURATION SYSTEM SETUP
Step 10:	Press SELECT SAVE		
Step 11:	Press ↑↓ to:		SYSTEM SETUP LUMA-NET
Step 12:	Press SELECT SAVE		
Step 13:	Press ↑↓ to:		LUMA-NET SETUP OP MODE:DISABLED
Step 14:	Press SELECT SAVE		
Step 15:	Press ↑↓ to:		LUMA-NET SETUP OP MODE:ENABLED
Step 16:	Press SELECT SAVE		
Step 17:	Press ↑↓ to:		LUMA-NET SETUP SYSTEM ID:PASS
Step 18:	Press SELECT SAVE		
Step 19:	Press ↑↓ to:		LUMA-NET SETUP SYSTEM ID:1
Step 20:	Press SELECT SAVE		

NOTE The System ID # cannot be equal to a Station ID #.

Voltage Selection: For 24 or 48 relay panels, install jumper JP5 to 24V. For 8 relay panels, install jumper JP10 to 24V.

DIGITAL SWITCH

WEB VERSION

Photocell Input

A photocell is a device that receives light, and provides a 0-10Vdc output proportional to the amount of light received. The term foot-candle is a term we use to describe the amount of light received at a point, in this case by a photocell. Since the amount of light in a space can vary greatly from a little bit of light (an office room) to a lot of light (a skylit lobby) various photocells specifically calibrated to the amount of light they may receive exist.

In order to configure your photocell to work with Z-MAX, you must first know a little bit about how your photocell is calibrated. The calibration is expressed by looking at the maximum amount of foot-candles that your photocell is calibrated to receive. This information can usually be found written on the photocell itself, or in its accompanying literature. The photocells Leviton sells and their calibration points are as follows:

Photocell Types and Ranges

Part No.	Max FC	FC/Volt (program into cabinet, see Step 33)
ODCOP	70	7
PCIND	100	10
PCOUT	250	25
PCSKY	2000	200
PCATR	2500	250

Also note that in the above table we've indicated the amount of "foot-candles per volt" which is information you will need in the setup process. This number can be calculated simply by dividing the maximum number of foot-candles by 10 Volts.

For example, a photocell which is calibrated to a maximum of 250 foot-candles, 250Fc/10V = 25FC/V.
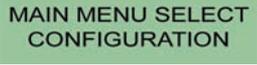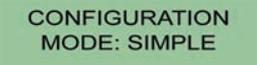
Step 1: Press [MENU]

Step 2: Press [↑][↓] to: MAIN MENU SELECT CONFIGURATION

Step 3: Press [SELECT SAVE]

Step 4: Press [↑][↓] to: CONFIGURATION MODE: SIMPLE

Step 5: Press [SELECT SAVE]

Step 6: Press [↑][↓] to: SET OPERATING MODE: ADVANCED

Step 7: Press [SELECT SAVE]

Step 8: Display should read: CONFIGURATION MODE: ADVANCED

Step 9: Press [MENU] twice to: MAIN MENU SELECT CONFIGURATION

Step 10: Press [SELECT SAVE]

Step 11: Press [↑][↓] to: CONFIGURATION INPUTS

Step 12: Press [SELECT SAVE]

Step 13: Press [↑][↓] to: DISCRETE INPUTS DEFINE TYPES

Step 14: Press [SELECT SAVE]
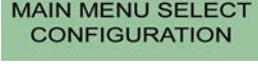
Step 15: Choose desired input for photocell.

Ex. SET INPUT TYPES 001: SWT Act HIGH

Step 16: Press [SELECT SAVE]
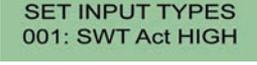
Step 17: Use [↑][↓] to: SET INPUT TYPES 001: PHO
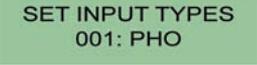
Photocell Input

Step 18: Press [SELECT SAVE] to:

> CHANGE FORMAT? N
> Data Kept As Is

Step 19: Use [↑][↓] to change the "N" to "Y".

Ex.

> CHANGE FORMAT? Y
> Data May Be Lost

Step 20: Press [SELECT SAVE] to:

> SET INPUT TYPES
> 001: PHO 0-10 VLT

Step 21: Press [SELECT SAVE] to:

> SET INPUT TYPES
> 001: PHO Fc: 0010 ← See table for FC/Volt

Step 22: Press [SELECT SAVE] to:

> DISCRETE INPUTS
> DEFINE TYPES

Step 23: Press [↑][↓] to:

> DISCRETE INPUTS
> ASSIGN ACTIONS

Step 24: Press [SELECT SAVE]

Step 25: Press [↑][↓] to:

> ASSIGN ACTIONS
> PHOTOCELL LEVELS

Step 26: Press [SELECT SAVE] to:

> ASSIGN PHOTOCELL
> 001: LOCAL

Step 27: Press [SELECT SAVE] to:

> PHOCEL: 001 LOCAL
> ENABLED: YES

Step 28: Press [SELECT SAVE]

Step 29: Press [↑][↓] to choose one of the following:

1 REL ON-FOR OFF
Wall switch turns on and photocell turns lights off.

2 FOR ON-FOR OFF
Photocell turns lights on and lights off.

3 FOR ON-REL OFF
Photocell turns lights on and wall switch turns lights off.

Ex.

> PHOCEL: 001 LOCAL
> FOR ON-FOR OFF

Photocell Input

Step 30: Press [SELECT SAVE]

Step 31: Change delay setting, if needed.

> Ex. PHOCEL: 001 LOCAL
>   DELAY: 005min

Step 32: Press [SELECT SAVE]
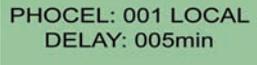
Step 33: Press [→] so the "N/A" for "ON" is flashing.

> Ex. PHO: 001 TRIG: 01
>   ON=N/A   OFF=N/A

Step 34: Use the numerical keys to enter the desired foot-candle value for the lights to be triggered on.

Step 35: Press [→] so the "N/A" for "OFF" is flashing.

Step 36: Use the numerical keys to enter the desired foot-candle value for the lights to be triggered off.

Step 37: Press [SELECT SAVE] to: PHO: 001 LCL T: 01
                                      ADD RELAY/GROUP
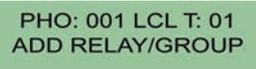
Step 38: Press [SELECT SAVE]

Step 39: Press [→] to relay selection section; the left hand side of 01-01 should be flashing.

Step 40: Use [↑][↓] [←][→] to select desired relays.

> Ex. PHO: 001 LCL T: 01
>   ADD 1: RLY 01-04

Step 41: Press [SELECT SAVE]

Step 42: To add additional relays, repeat Steps 37 thru 41.

> Ex. PHO: 001 LCL T: 01
>   ADD 2: RLY 08-12
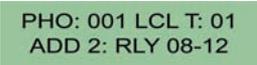
Scheduler Setup | Creating Actions

You will need to understand the items listed below before starting the procedure.

Actions: Actions define *what* is going to happen. The things that are going to happen are called Action Items. You will be required to enter the following information:

      1. Action Name
      2. Action Items

Action Items:

      1. Relay ON or OFF
      2. Groups ON or OFF
      3. Blink Warn Override (BWO)

Events: Events establish the time *when* Actions are supposed to happen. You will be required to enter the following event information:

      1. Event Name
      2. Event Time

Creating Actions and Action Items:

The example below will walk you through creating a lights on and off action.

Step 1: Press MENU
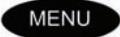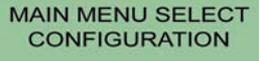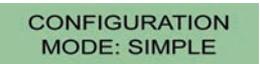
Step 2: Press ↑ ↓ to: MAIN MENU SELECT CONFIGURATION

Step 3: Press SELECT SAVE

Step 4: Press ↑ ↓ to: CONFIGURATION MODE: SIMPLE

      (If the display reads **MODE:ADVANCED**, proceed to Step 9.)

Step 5: Press SELECT SAVE

Step 6: Press ↑ ↓ to: SET OPERATING MODE: ADVANCED

Step 7: Press SELECT SAVE
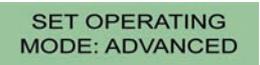
Step 8: Display should read: CONFIGURATION MODE: ADVANCED
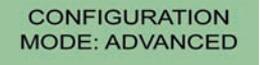
Scheduler Setup | Creating Actions

Step 9:   Press   **MENU**   twice.

Step 10:   Press   ⬆️⬇️   to: **MAIN MENU SELECT ACTION EDITOR**

Step 11:   Press   **SELECT SAVE**

Step 12:   Press   ⬆️⬇️   to: **ACTION EDITOR ADD/EDIT ACTIONS**
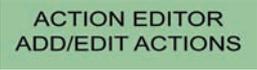
Step 13:   Press   **SELECT SAVE**   twice.
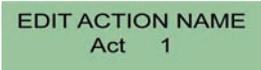
EDIT ACTION NAME Act 1   (ACT 1 should be flashing.)

Step 14:   Name the Action: **ON**.

> **NOTE**   You can change the name using the right and left arrow buttons to move the cursor and the up or down arrow buttons to change the character. You can also use the alpha-numeric keypad to enter characters. Tapping the alpha-numeric button the first time will result in the number, tapping the same button again will result in the character listed above the number on the button.
>
> In the case of the 1 and 0 buttons, a hyphen or space character will be displayed respectively. In the case of the number keys 2-9, the left most character will be displayed. For these keys, as they are pressed repeatedly, each successive character, from left to right is displayed until all have been displayed, at which time it wraps back to the number and repeats.

Step 15:   Press   **SELECT SAVE**   when you have finished naming the Action.

Step 16:   Press   ⬆️⬇️   to: **ACTION CHOOSE TO ADD A NEW ITEM**

Step 17:   Press   **SELECT SAVE**

Step 18:   Press   ➡️   once, then use the arrow keys to set the appropriate range of relays to be controlled by the Action.

     Ex.   **SELECT ITEM RLY: 01-04 ON DE**

Scheduler Setup | Creating Actions

Step 19: Press ⬭SELECT/SAVE⬭

Step 20: If you need to add a second group of relays to turn on, repeat Steps 15 thru 18. Otherwise, proceed to Step 21.

Step 21: Press ⬭CLEAR⬭

Step 22: Press ⬆⬇ to: `ACTION EDITOR` `ADD/EDIT ACTIONS`

Step 23: Press ⬭SELECT/SAVE⬭

Step 24: Press ⬆⬇ to: `ADD/EDIT ACT# 000` `NEW ACTION LIST`

Step 25: Press ⬭SELECT/SAVE⬭
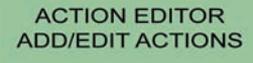
Step 26: Name the Action: **OFF**.

Step 27: Press ⬭SELECT/SAVE⬭
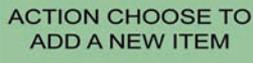
Step 28: Press ⬆⬇ to: `ACTION CHOOSE TO` `ADD A NEW ITEM`

Step 29: Press ⬭SELECT/SAVE⬭

Step 30: Press ➡ once and then use the arrow keys to set the appropriate range of relays to be controlled by the Action.

Ex. `SELECT ITEM` `RLY: 01-04 OFF DE`
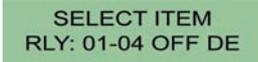
Step 31: Press ➡ once and then use the up or down arrow keys to choose the **OFF** command

Step 32: Press ⬭SELECT/SAVE⬭

Step 33: If you need to add a second group of relays to turn off, repeat Steps 27 thru 31. Otherwise, proceed to **Creating Events**.

Scheduler Setup | Creating Events

Step 1: Press **MENU** to:

> MAIN MENU SELECT
> ACTION EDITOR

Step 2: Press ↑ ↓ to:

> MAIN MENU SELECT
> SCHEDULER

Step 3: Press SELECT/SAVE

Step 4: Press ↑ ↓ to:

> SCHEDULER MENU
> ADD A NEW EVENT

Step 5: Press SELECT/SAVE

Step 6: Enter the event time.

> Ex.
> Add Event E:001
> 07:00am

Step 7: Press SELECT/SAVE

Step 8: Choose the days of the week that the event is to be active on.

> Ex.
> 07:00am New:001
> MTWTFSS H:----

If the day of the week is capitalized, then the event will be active on that specific day.

Step 9: Press SELECT/SAVE

Step 10: Use ↑ ↓ to choose the appropriate action for the event.

> Ex.
> 07:00AM   NEW:001
> ON

Step 11: Press SELECT/SAVE

Step 12: Use ↑ ↓ to choose if this event is to be a single event (only happens once).

> Ex.
> 07:00am New:001
> Single Event=NO

Scheduler Setup | Creating Events

Step 13: Press [SELECT SAVE]

Step 14: Use [↑][↓] to choose if this event is to be a single event (only happens once).

Ex.
> E:001 ON
> Sweep Count=000
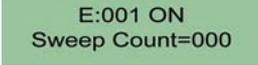
NOTE Default sweep count time is 60 minutes; see manual for further information on sweep count or contact our technical support staff at (800) 959-6004.

Step 15: Press [SELECT SAVE]

Step 16: Press [↑][↓] to:
> SCHEDULE MENU
> ADD A NEW EVENT

Step 17: Press [SELECT SAVE]
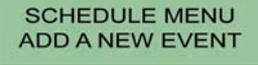
Step 18: Enter the event time.

Ex.
> Add Event E:002
> 07:00pm

Step 19: Press [SELECT SAVE]
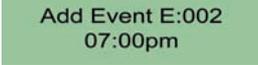
Step 20: Choose the days of the week that the event is to be active on.
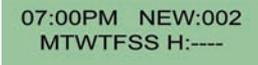
Ex.
> 07:00PM NEW:002
> MTWTFSS H:----

If the day of the week is capitalized, then the event will be active on that specific day.

Step 21: Use [SELECT SAVE]

Step 22: Use [↑][↓] to choose the appropriate action for the event.

Ex.
> 07:00PM NEW:002
> OFF

Step 23: Press [SELECT SAVE]

SCHEDULER
SETUP

WEB VERSION

Step 43:   Use   ⬆️⬇️   to choose if this event is to be a single event.

Ex.   07:00pm New:002
      Single Event=NO

Step 25:   Press   SELECT
               SAVE

Step 26:   Use   ⬆️⬇️   to choose a sweep count; or leave as 000 if
               no sweep count is needed.

Ex.   E:001 OFF
      Sweep Count=000
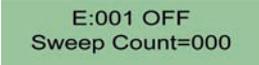
Step 27:   Press   SELECT
               SAVE

Step 28:   Press   MENU

Scheduler Setup | Testing Events

Step 1: Press   MENU

Step 2: Press   ⬆️⬇️   to: MAIN MENU SELECT TIME/DATE/ASTRO

Step 3: Press   SELECT/SAVE

Step 4: Press   ⬆️⬇️   to: TIME/DATE/ASTRO SET TIME & DATE

Step 5: Press   SELECT/SAVE

Step 6: Change the current time to one minute before the ON event is to happen.

Step 7: Press   SELECT/SAVE

Step 8: Please wait one minute and when the scheduled event time comes up, the selected relays should come on.

Step 9: Press   MENU

Step 10: Press   ⬆️⬇️   to: MAIN MENU SELECT TIME/DATE/ASTRO

Step 11: Press   SELECT/SAVE

Step 12: Press   ⬆️⬇️   to: TIME/DATE/ASTRO SET TIME & DATE

Step 13: Press   SELECT/SAVE

Step 14: Change the current time to one minute before the OFF event is to happen.

Step 15: Please wait the one minute and when the scheduled event time comes up, the selected relays should go off.

Disable Switch Inputs | Creating Actions

In some cases, the customer may desire to disable a switch, photocell, or occupancy sensor during certain times of the day. The below instructions outline how to set up this scenario.

Step 1: Press MENU

Step 2: Press ↑ ↓ to: **MAIN MENU SELECT CONFIGURATION**

Step 3: Press SELECT SAVE

Step 4: Press ↑ ↓ to: **CONFIGURATION MODE: SIMPLE**

(If the display reads **MODE:ADVANCED**, proceed to Step 9.)

Step 5: Press SELECT SAVE

Step 6: Press ↑ ↓ to: **SET OPERATING MODE: ADVANCED**

Step 7: Press SELECT SAVE

Step 8: Display should read: **CONFIGURATION MODE: ADVANCED**

Step 9: Press MENU twice.

Step 10: Press ↑ ↓ to: **MAIN MENU SELECT ACTION EDITOR**

Step 11: Press SELECT SAVE

Step 12: Press ↑ ↓ to: **ACTION EDITOR ADD/EDIT ACTIONS**

Step 13: Press SELECT SAVE twice.

Step 14: Name the Action: **ON**.

NOTE You can change the name using the right and left arrow buttons to move the cursor and the up or down arrow buttons to change the character. You can also use the alpha-numeric keypad to enter characters. Tapping the alpha-numeric button the first time will result in the number, tapping the same button again will result in the character listed above the number on the button.

In the case of the 1 and 0 buttons, a hyphen or space character will be displayed respectively. In the case of the number keys 2-9, the left most character will be displayed. For these keys, as they are pressed repeatedly, each successive character, from left to right is displayed until all have been displayed, at which time it wraps back to the number and repeats.

Step 15: Press SELECT SAVE

Step 16: Press ⬆️⬇️ to: **ACTION CHOOSE TO ADD A NEW ITEM**

Step 17: Press SELECT SAVE

Step 18: Press ➡️ once and then use the arrow keys to set the appropriate range of relays to be controlled by the Action.

Ex. **SELECT ITEM RLY: 01-04 ON 07**

Step 19: Press ➡️ once and then use the up or down arrow keys to choose the ON command.

Step 20: Press ➡️ once and then use the numerical keys to set the priority level to 7. This allows the scheduler to turn the relays on at one priority level higher than the default of 8.

NOTE The switch inputs default priority is 8. See manual for further information on priorities.

Step 21: Press SELECT SAVE

Step 22:   If you need to add additional relays to turn on, repeat Steps 15 thru 21. Otherwise, proceed to Step 23.

Step 23:   Press   CANCEL   back to: **ACTION EDITOR**
ADD/EDIT ACTIONS

Step 24:   Press   SELECT SAVE

Step 25:   Press   ⬆⬇   to: **ADD/EDIT ACT# 000**
NEW ACTION LIST

Step 26:   Press   SELECT SAVE

Step 27:   Name the Action: **OFF**.

Step 28:   Press   SELECT SAVE
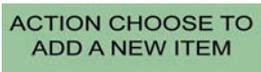
Step 29:   Press   ⬆⬇   to: **ACTION CHOOSE TO**
ADD A NEW ITEM

Step 30:   Press   SELECT SAVE

Step 31:   Press   ➡   once and then use the arrow keys to set the appropriate range of relays to be controlled by the Action.

Ex.   **SELECT ITEM**
RLY: 01-04 REL 07

Step 32:   Press   ➡   once and then use the up or down arrow keys to choose the **REL (RELINQUISH)** command.

Step 33:   Press   ➡   once and then use the numerical keys to set the priority level to 7. This allows the scheduler to relinquish control of the relays back to priority level 8.

NOTE   The switch inputs default priority is 8. See manual for further information on priorities.

Disable Switch Inputs | Creating Actions

Step 34: Press [SELECT SAVE]

Proceed to Creating Events if Blink Warn command is NOT required.

Step 35: Press [SELECT SAVE] to:
> ACTION CHOOSE TO
> ADD A NEW ITEM

Step 36: Press [→] once and then use the arrow keys to set the appropriate range of relays to be controlled by the Action.

Step 37: Press [→] once and then use the up or down arrow keys to choose the BWO (BLINK WARN ON) command.

Ex.
> SELECT ITEM
> RLY: 01-04 BWO DE

Step 38: Press [SELECT SAVE]
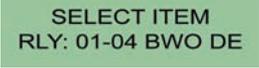
Step 39: If you need to add additional relays to REL, repeat Steps 29 thru 33. Otherwise, proceed to Creating Events.

Disable Switch Inputs | Creating Events

Step 1: Press CANCEL twice to:
<div style="background:green">MAIN MENU SELECT ACTION EDITOR</div>

Step 2: Press ↑↓ to:
<div style="background:green">MAIN MENU SELECT SCHEDULER</div>

Step 3: Press SELECT SAVE

Step 4: Press ↑↓ to:
<div style="background:green">SCHEDULER MENU ADD A NEW EVENT</div>

Step 5: Press SELECT SAVE

Step 6: Enter the Event time.

Ex.
Add Event E:001
07:00am

Step 7: Press SELECT SAVE

Step 8: Choose the days of the week that the event is to be active on.

Ex.
07:00am New:001
MTWTFSS H:----

If the day of the week is capitalized, then the event will be active on that specific day.

Step 9: Press SELECT SAVE

Step 10: Use ↑↓ to choose the appropriate action for the event.

Ex.
07:00AM   NEW:001
ON

Step 11: Press SELECT SAVE

Step 12: Use ↑↓ to choose if this event is to be a single event.

Ex.
07:00am New:001
Single Event=NO

Disable Switch Inputs | Creating Events

Step 13: Press [SELECT SAVE]
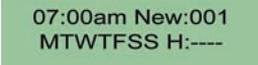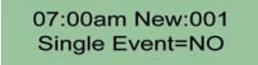
Step 14: Use [↑][↓] to choose a sweep count, or leave as 000 if no sweep count is needed.

Ex.
E:001 ON
Sweep Count=000

Default sweep count time is 60 minutes; see manual for further information on sweep count.

Step 15: Press [SELECT SAVE]

Step 16: Press [SELECT SAVE] to add a second event.

Step 17: Enter the Event time.

Ex.
Add Event E:002
07:00pm

Step 18: Press [SELECT SAVE]
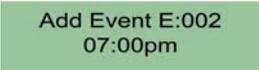
Step 19: Choose the days of the week that the event is to be active on.
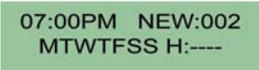
Ex.
07:00PM NEW:002
MTWTFSS H:----

If the day of the week is capitalized, then the event will be active on that specific day.

Step 20: Press [SELECT SAVE]

Step 21: Use [↑][↓] to choose the approriate action for the event.

Ex.
07:00PM NEW:002
OFF

Step 22: Press [SELECT SAVE]

Step 23:   Use   ⬆️⬇️   to choose if the event is to be a single event.

         Ex.   07:00pm New:002
                  Single Event=NO

Step 24:   Press   SELECT / SAVE

Step 25:   Use   ⬆️⬇️   to choose a sweep count; or leave as 000 if no sweep count is needed.

         Ex.   E:001 OFF
                  Sweep Count=000

Step 26:   Press   SELECT / SAVE
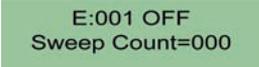
Step 27:   Press   MENU

Disable Switch Inputs | Testing Events

Step 1: Press MENU
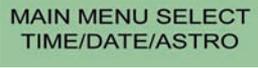
Step 2: Press ⬆️⬇️ to: MAIN MENU SELECT TIME/DATE/ASTRO

Step 3: Press SELECT SAVE

Step 4: Press ⬆️⬇️ to: TIME/DATE/ASTRO SET TIME & DATE

Step 5: Press SELECT SAVE

Step 6: Change the current tme to one minute before the ON event is to happen.

Step 7: Press SELECT SAVE

Step 8: Please wait one minute and when the scheduled event time comes up, the selected relays should come on.

Step 9: Press MENU

Step 10: Press ⬆️⬇️ to: MAIN MENU SELECT TIME/DATE/ASTRO

Step 11: Press SELECT SAVE

Step 12: Press ⬆️⬇️ to: TIME/DATE/ASTRO SET TIME & DATE

Step 13: Press SELECT SAVE

Step 14: Change the current tme to one minute before the OFF event is to happen.

Step 15: Please wait the one minute and when the scheduled time comes up, the selected relays should go off.

WEB VERSION

SCHEDULER
SETUP

34

LEVITON®

WEB VERSION

PK 93265-10-00-0C