

DEFINING A LIGHTSYNC SWITCH

Define the LightSync switch node:

1. From the Home screen, press **EDIT**.
2. When the MAIN menu appears, press **SWITCH INPUTS**; then **LIGHT-SYNC INPUTS**.
3. From the Switch Input Menu, press **CONFIGURE DEVICES**.
4. When the top level configuration screen appears, press **▼** until the switch node address you want to define appears.
5. Press **TYPE**; then **▼** until the physical switch node type appears.
6. Press **CONFIGURE** to access the second configuration screen.
7. If necessary, press **▼** until the sub-address of the device you want to define appears. **Note:** On multi-device nodes each device will have a distinct sub-address, which can be assigned its own function switch type. For example: in a 3-button pushbutton addressed as 06, the buttons would be 06.1, 06.2, and 06.3 respectively.
8. Press **TYPE** then **▼** until the desired functional switch type appears. Note: Functional switch types are limited by the physical node type.
9. Press **EXIT** twice to return to the LightSync Switch Input menu.

Program the LightSync switch node to control a relay

1. From the Home screen, press **EDIT**.
2. When the MAIN menu appears, press **SWITCH INPUTS**; then **LIGHT-SYNC INPUTS**.
3. Press **INPUT/RELAY CONTROL**; then when the next screen appears press **EDIT CONTROL**. Then on the next screen, press **INPUT/ SINGLE RELAYS**.
4. Press **▼** until the input that you want to program to control relay(s) appears.
5. Press **RELAY**; then **▼** until the relay to be controlled appears.
6. Press **ACTION**; then **▼** until the desired relay action appears.
7. Repeat steps 4 and 5 for any additional relays controlled by the input.

Program the LightSync Switch Pilot

1. From the Home screen, press **EDIT**.
2. Press **SWITCH PILOTS**; then press **LIGHT-SYNC PILOTS**.
3. Press **▲** or **▼** until the desired device appears.
4. Press **EDIT PILOTS**.
5. Press **▲** or **▼** to select the pilot of the switch.
6. Press **ON IF** then **▲** or **▼** to select the relay, group or preset whose ON state lights the switch pilot.
7. Press **TYPE** until the desired triggering mechanism (relay, relay group, or preset appears).

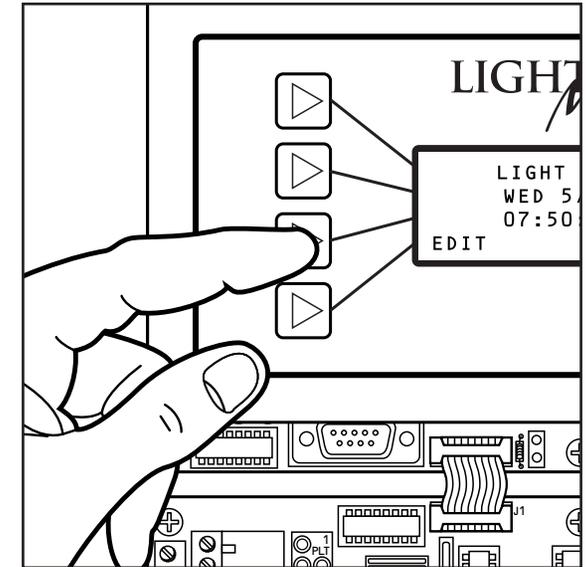
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LIGHT *Master*



Quick Reference Guide

STAND ALONE

Version 2A 9/03
ILC # PM-I-212

For additional information see the User Guide or contact factory



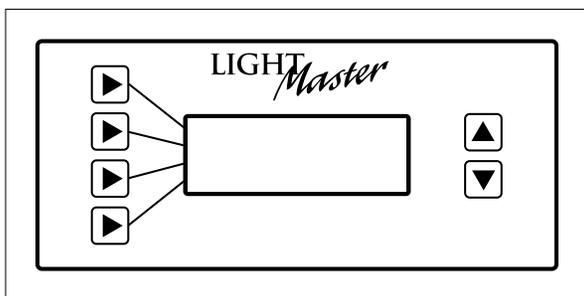
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This Quick Reference Guide will aid you with some of the common situations you will encounter in programming your ILC LightMaster. For further information or to address specific concerns, please reference the User Guide or contact a factory representative.

We hope you enjoy the flexibility, ease of use, and reliability the ILC LightMaster controller brings to your lighting control.



The LightMaster Keypad

Turn power to the controller **ON** via the toggle switch located under the keypad on the lower right corner of the processor board.

Definitions

Actual key strokes/entries appear as keypad buttons: for example –

TIME = expressed in either **NORMAL** or **ASTRO** TIME. **NORMAL** time is defined in **HOURL**(s) and **MINUTE**(s) AM or PM. **ASTRO** TIME is defined in relation to **SUNRISE** or **SUNSET**.

RELAY = one of up to 48 relay outputs controlled by the timer or switches

TIMER = a time based event that can control one or more relays

ACTION = how the relay responds to the timer.

DAYS = **DAILY** the day(s) of the week of timer occurrence or **HOLIDAY**, the holiday date of occurrence.

LIGHTSYNC = a switch or other control device operating on the ILC CAT-5 network

PROGRAMMING THE CLOCK

Set the Clock Display Time & Date

1. From the Home screen, press **EDIT**.
2. From the Main Menu, press or until **SET TIMES** is displayed.
3. Press to select **SET TIME AND DATE**.
4. Press **TIME**.
5. Press or until the proper hour is displayed. Be sure that AM/PM setting is correct.
6. Press **MINUTE**; then press or until the correct minute is displayed.
7. Press **SET**.
8. Press **DATE**; then press or until the month you want is displayed.
9. Press **DATE**; then press or until the correct day of the month is displayed
10. Press **YEAR**; then press or until the correct year is displayed. Press **SET**.
12. Press **DAY**; then press or until the correct day of the week is displayed. Press **SET**.

Set Astro Timer

1. From the Home screen, press **EDIT**; then press twice. Press **SET TIMES**.
3. Press **ASTRO CLOCK**.
4. Press **LATITUDE**; then press or until the proper latitude appears.
5. Press **LONGITUDE**; then press or until the proper longitude appears.
6. Press **TIME ZONE**; then or until the proper time zone appears. (Note that the current sunrise and sunset times for the entered coordinates are also displayed on the screen.)

PROGRAMMING A SWITCH

Select the Switch Input and Type

1. From the Home screen, press **EDIT**.
2. Press **SWITCH INPUT**.
3. Press **LOCAL INPUTS**.
4. Press **SWITCH INPUT OPTIONS**.
5. Press or to select the desired switch input number.
6. Press **TYPE**; then or until the desired switch type appears on the screen.

SETTING A ON/OFF TIMER

Define the Timer

1. From the Home screen, press **EDIT**; then .
2. From the Main Menu, press **TIMERS**.
3. Press **CONFIGURE TIMERS**.
4. Press or until the Timer to be defined appears on the screen.
5. Press **TIME**; then press **NORMAL** to select conventional AM/PM time (press **ASTRO** to select time in relation to sunrise/sunset).
6. Press **HOURL**; then or until the desired hour (AM or PM) appears.
7. Press **MINUTE**; then or until the desired minute appears; then press **EXIT**.
8. Press **DAYS**; then **DAILY**.
9. Press or and as each day appears press either **YES** or **NO** to select whether or not the timer is to be active on that day.

Selecting Relays for the Timer

1. From the Home screen, press **EDIT**; then .
2. From the Main Menu, press **TIMERS**.
3. Press or until **TIMER/RELAY CONTROL** is displayed.
4. Press **TIMER/RELAY CONTROL**.
5. Press **TIMER/SINGLE RELAYS**.
6. **TIMER** appears; then press or until the timer number you want appears.
7. Press **RELAY**; then press or until the relay to be controlled appears.
8. Press **ACTION**; then press or until the desired relay response appears.

Map the Switch to a Relay

1. From the Home screen, press **EDIT**.
2. Press **SWITCH INPUT**.
3. Press to select **LOCAL INPUTS**.
4. Press **INPUT/RELAY CONTROL**.
5. Press **INPUT/SINGLE RELAYS**.
6. **INPUT** is displayed; then press or until the controlling input you want appears.
7. Press **RELAY**; then press or until the relay to be controlled appears.
8. Press **ACTION**; then press or until the desired relay response appears.