

Countdown Timer

MA-T51 120 V~ 60 Hz 5 A Lighting* or 3 A Fan

MA-T530G 120 V~ 60 Hz 5 A Lighting* or 3 A Fan

*See Timer Capacity Chart.

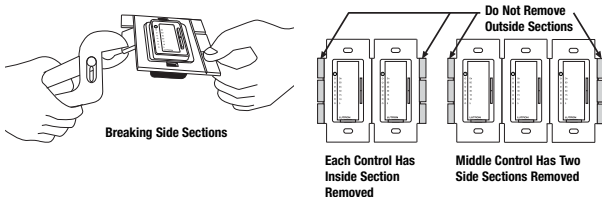
Important Notes

Please read before installing.

- CAUTION!** To avoid overheating and possible damage to other equipment, do not use to control receptacles, fluorescent lighting fixtures, or motor-operated appliances.
- Install in accordance with all national and local electrical codes.
- Do not use for loads switched from 2 or more locations.
- DO NOT** use Maestro® controls for compact fluorescent (Energy Saver) lamps.
- When no "grounding means" exist within the wallbox then the NEC® 2008, Article 404.9 allows a control without a grounding connection to be installed as a replacement, as long as a plastic, noncombustible wallplate is used. For this type of installation, cap or remove the green ground wire on the control and use an appropriate wallplate such as Lutron's Claro® or Satin Colors® series wallplates.
- Protect Timer from dust, dirt, and paint when spackling or painting.
- Do not use where total load current is less than 0.3 A 40 W or greater than 5 A (see Timer Capacity Chart for details).
- Operate between 32 °F (0 °C) and 104 °F (40 °C).
- Timer may feel warm to the touch during normal operation.
- Recommended wallbox depth is 2½ in (64 mm) minimum.
- For safety reasons, do not use to control fixtures that are the only source of illumination for an area.
- When controlling a combined fan and light load, the total load may not exceed 3 A.
- Clean Timer with a soft damp cloth only.** Do not use any chemical cleaners.

Multigang Installations

When installing more than one control in the same wallbox, it may be necessary to remove all inner side sections prior to wiring (see below). Using pliers, bend side sections up and down until they break off. Repeat for each side section to be removed. Removal of Timer side sections reduces maximum load capacity. Refer to chart below for maximum Timer capacity.



Timer Capacity Chart

Load Type	Maximum Load		
	No Sides Removed	1 Side Removed	2 Sides Removed
Halogen/Incandescent 120 V~	600 W 5 A	500 W	400 W
Magnetic Low Voltage**	600 VA / 450 W	500 VA / 400 W	400 VA / 300 W
General Purpose Fan	3 A	3 A	3 A

**Note: The maximum lamp wattage is determined by the efficiency of the transformer, with 70–85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the timer.

Limited Warranty

(Valid only in U.S.A., Canada, Puerto Rico, and the Caribbean.)

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage pre-paid. **THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO ONE YEAR FROM PURCHASE. THIS WARRANTY DOES NOT COVER THE COST OF INSTALLATION, REMOVAL OR REINSTALLATION, OR DAMAGE RESULTING FROM MISUSE, ABUSE, OR DAMAGE FROM IMPROPER WIRING OR INSTALLATION. THIS WARRANTY DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES. LUTRON'S LIABILITY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, OR USE OF THE UNIT SHALL NEVER EXCEED THE PURCHASE PRICE OF THE UNIT.**

This warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty may last, so the above limitations may not apply to you. This product is covered under one or more of the following U.S. patents: 7,190,125; 7,365,282; 7,546,473 and corresponding foreign patents. U.S. and foreign patents pending. Lutron, Claro, Maestro and Satin Colors are registered trademarks, and FASS is a trademark of Lutron Electronics Co., Inc. NEC is a registered trademark of the National Fire Protection Association, Quincy, Massachusetts. © 2009 Lutron Electronics Co., Inc.

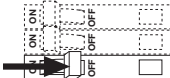
LUTRON®

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299, U.S.A.
Made and printed in the U.S.A.
7/09 P/N 030-1041-03 Rev. A

Installation

1 Turning OFF power.

- Turn power OFF at circuit breaker (or remove fuse).



WARNING

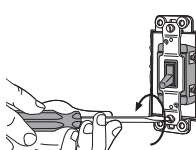
Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

2 Removing wallplate and switch.

- Remove the wallplate and switch mounting screws.
- Carefully remove switch from wall (**do not remove wires**).



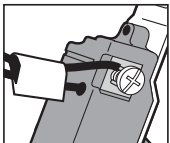
Turn screws to loosen.



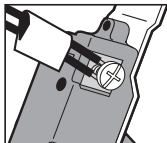
3 Disconnecting switch wires.

Important Note:

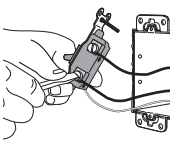
Your wall switch may have two wires attached to the same screw (see illustrations below for examples). Tape these two wires together before disconnecting. When wiring, connect wires to the Timer the same way they were connected to the switch.



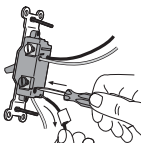
One wire in the push-in terminal hole and one to the screw.



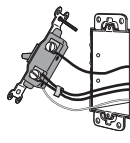
One continuous wire to the screw.



Screw Terminals: Turn screws to loosen.



Push-in Terminals: Insert screwdriver. Pull wire out.



Looped Wire: Turn screw to loosen.

Important Wiring Information

When making wire connections, follow the recommended strip lengths and combinations for the supplied wire connector. **Note:** All wire connectors provided are suitable for **copper wire only**. For aluminum wire, consult an electrician.

Trim or strip wallbox wires to the length indicated by the strip gauge on the back of the control

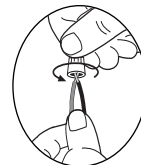
Push-in Terminals: Insert wires fully.

NOTE: Push-in terminals are for use with 14 AWG (1.5 mm²) **solid copper wire only**. DO NOT use stranded or twisted wire.

OR

Screw Terminals: Tighten securely.

Screw terminals are for use with 12 or 14 AWG (2.5 or 1.5 mm²) **solid copper wire only**. DO NOT use stranded or twisted wire.



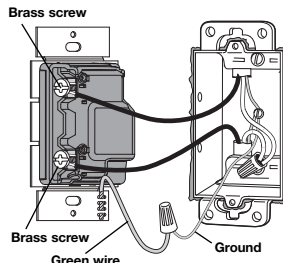
Twist wire connector tight.

Wire Connector:

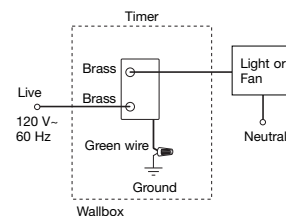
Use to join one 12 AWG or 14 AWG (2.5 or 1.5 mm²) ground wire with one 18 AWG (0.7 mm²) control ground wire.

4 Wiring.

- For installations involving more than one control in a wallbox, refer to Multigang Installations before beginning.



Reference Wiring Diagram



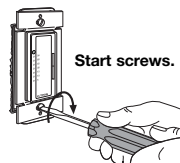
Wiring the Timer:

- Using the wire connector provided, connect the **green** ground wire on the Timer to the **bare copper** or **green** ground wire in the wallbox.
- Connect either of the wires removed from the switch to one of the **brass** screw terminals on the Timer, or insert fully into the push-in terminal.
- Connect the remaining wire removed from the switch to the other **brass** screw terminal on the Timer, or insert fully into the push-in terminal.

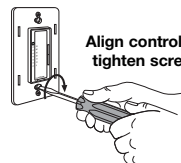
5 Mounting Control(s) to wallbox.

- Form wires carefully into wallbox, mount and align control(s).
- Install the wallplate(s).

Note: Do not overtighten mounting screws. Permanent damage can be caused by overtightening mounting screws.



Start screws.



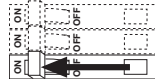
Align control and tighten screws.



Snap on Claro wallplate.

6 Turning ON power.

- Turn power ON at circuit breaker (or replace fuse).



Troubleshooting

Symptom	Possible Cause
Load does not turn ON or no LEDs turn ON.	- Front Accessible Service Switch (FASS™) on Timer is pulled out to OFF - Light bulb(s) burned out. - Breaker is off or tripped. - Wiring error. Call Lutron Technical Support Center
Load turns on and off repeatedly.	- Load draws less than 0.3 A or 40 W - Improper load connected

? Technical Assistance

If you have questions concerning the installation or operation of this product, call the **Lutron Technical Support Center**. Please provide exact model number when calling.



U.S.A. and Canada (24 hrs/7days)

1.800.523.9466

México

+1.888.235.2910

Other countries 8am – 8pm ET

+1.610.282.3800



Fax +1.610.282.6311



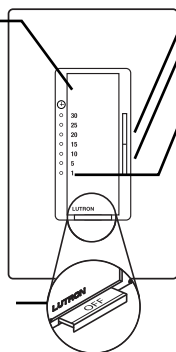
http://www.lutron.com

Operation

Tap Button Options

- Tap once when unit is off** - Controlled load turns ON and countdown timer begins. When time expires, load turns OFF.
- Tap once when unit is on** - Controlled load turns OFF and countdown timer resets.
- Tap twice quickly** - Controlled load turns on with 30 minute countdown timer.

MA-T530G



Press to increase time.
Press to reduce time.

- LEDs** - Orange LEDs indicate timer duration or remaining time in minutes.
- Bottom LED blinks slowly to indicate 1 minute of time remaining.

FASS - Front Accessible Service Switch

One Minute Indication:

When only one minute of time is remaining, the load will briefly turn off and on to give an indication the timer is about to turn off.

IMPORTANT NOTICE:

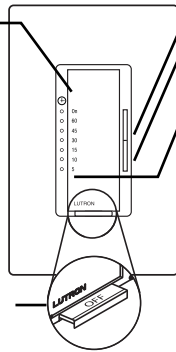
To replace bulb, remove power by pulling the **FASS** switch out on the Control.

For any procedure other than routine bulb replacement, power must be disconnected at the main electrical panel.

Tap Button Options

- Tap once when unit is off** - Controlled load turns ON and countdown timer begins. When time expires, load turns OFF.
- Tap once when unit is on** - Controlled load turns OFF and countdown timer resets.
- Tap twice quickly** - Controlled load turns on without a time limit.

MA-T51



Press to increase time
Press to reduce time

- LEDs** - Orange LEDs indicate timer duration or remaining time in minutes.
- Top green LED labeled On has no time limit
- Bottom LED blinks rapidly to indicate 1 minute of time remaining.

FASS - Front Accessible Service Switch

To learn about the **Advanced Features** of Maestro Wall Controls including locked preset and timer bypass disable, please visit: www.lutron.com/maestro/advfeatures or call the **Lutron Technical Support Center** at 1.800.523.9466.



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