

MA-T51MNB

Maestro Timer Switch

120 V~ 50/60 Hz

Maximum load ratings:

- 150 W LED /CFL 
- 450 W MLV 
- 600 W ELV 
- 600 W Incandescent/Halogen 
- 3 A Fan 
- 5 A Fluorescent 

Please visit www.lutron.com/ma-t51mnb for:

- Helpful videos
- Advanced programming and operation
- Additional wiring scenarios
- If you have three or more switches controlling a light

Please read before installing

For lights and/or a fan switched from one location

(For lights and/or a fan switched from two locations, see instructions starting on page 4)

1 Determine wiring type

For lights and/or a fan switched from two locations, see instructions starting on page 4.

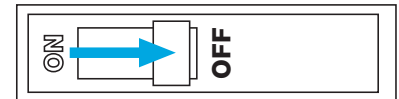
For lights and/or a fan switched from one location, proceed to Step 2 below.

2 Turn power OFF at circuit breaker

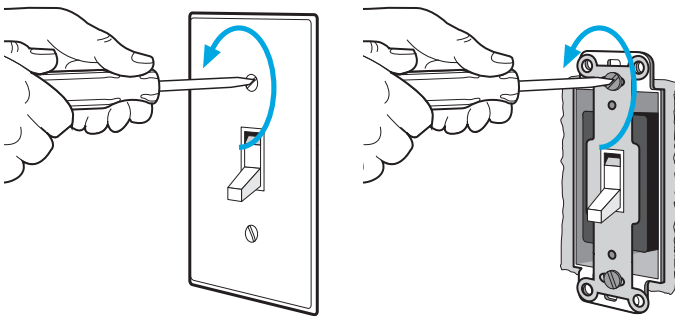


WARNING: SHOCK HAZARD.

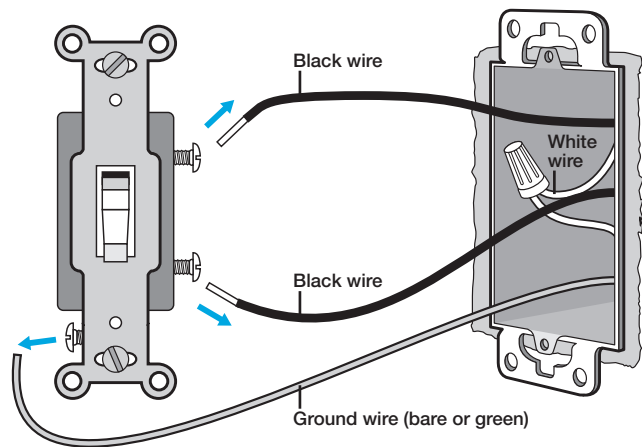
May result in serious injury or death. Turn off power at circuit breaker or fuse before installing.



3 Remove existing device



Disconnect wires.



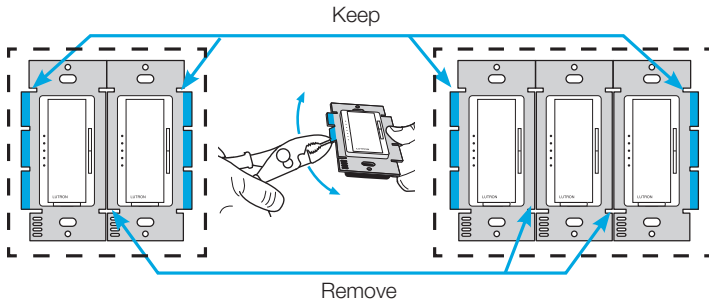
For lights and/or a fan switched from one location (continued)

(For lights and/or a fan switched from two locations, see instructions starting on page 4)

4 Remove middle sections (if ganging devices)

Remove middle sections if mounting two or more devices side by side. See Maximum Ratings chart below for the new wattage limits.

NOTE: No derating is required when using only CFLs or LEDs.



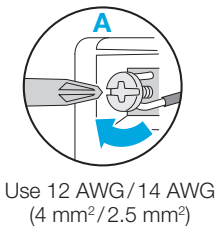
MAXIMUM RATINGS FOR MIXED LOAD TYPES

Load Type	Maximum Load		
	No Sides Removed	1 Side Removed	2 Sides Removed
LED/CFL	1.25 A/ 150 W	1.25 A/ 150 W	1.25 A/ 150 W
Halogen/ Incandescent	600 W	500 W	400 W
Magnetic Low-Voltage*	600 VA/ 450 W	500 VA/ 400 W	400 VA/ 300 W
Electronic Low-Voltage	600 W	500 W	400 W
Fluorescent	5 A	4 A	3 A
General Purpose Fan	3 A	3 A	3 A

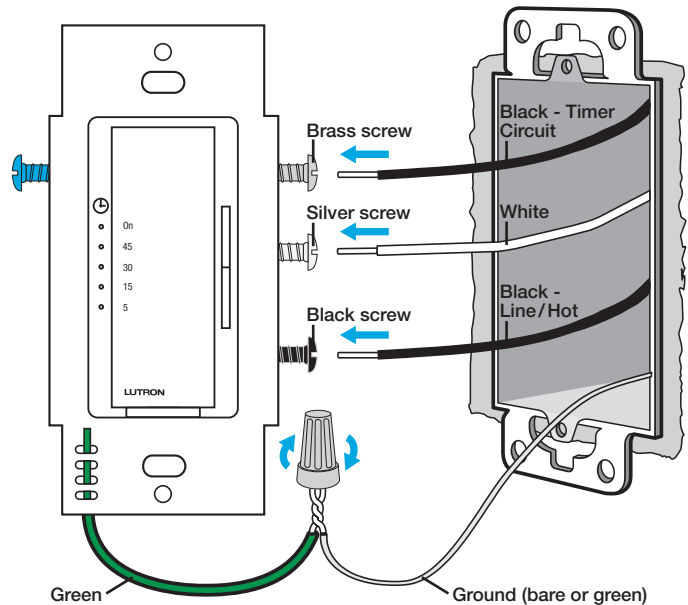
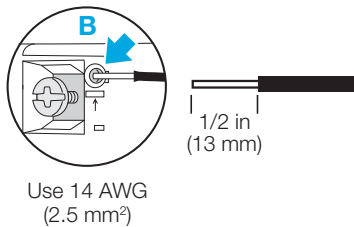
*Note: The maximum lamp wattage is determined by the efficiency of the transformer, with 70–85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the timer switch.

5 Connect the new timer switch (this product requires a neutral wire!)

Fully wrap the wires around the screw and tighten (A), or strip insulated wires to 1/2 in (13 mm) and insert into the push-in terminals (B).



OR



For lights and/or a fan switched from two locations

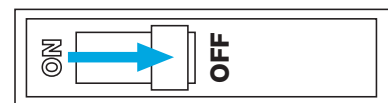
(For lights and/or a fan switched from three or more locations, please visit www.lutron.com/ma-t51mnb)

1 Turn power OFF at circuit breaker

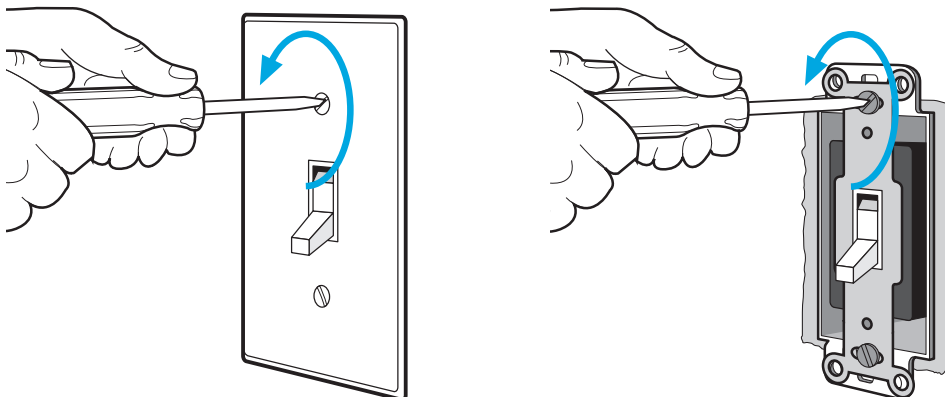


WARNING: SHOCK HAZARD.

May result in serious injury or death. Turn off power at circuit breaker or fuse before installing.



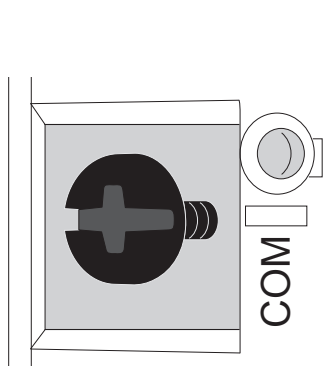
2 Remove (but do not disconnect) existing devices



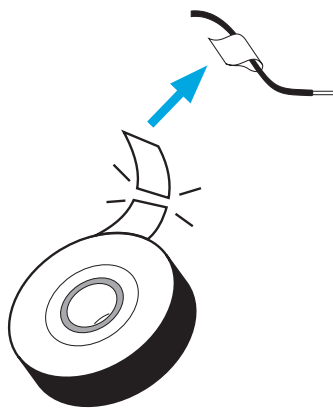
3 Mark wire on the COMMON terminal

On both existing devices, mark the wire (for example, using electrical tape) that is connected to the screw that is a different color (typically black) than all the others. This screw terminal may also be labeled "COMMON" or "COM".

Does not include the ground screw.



Rear/side view of existing device



4 Disconnect wires

5 Remove middle sections (if ganging devices)

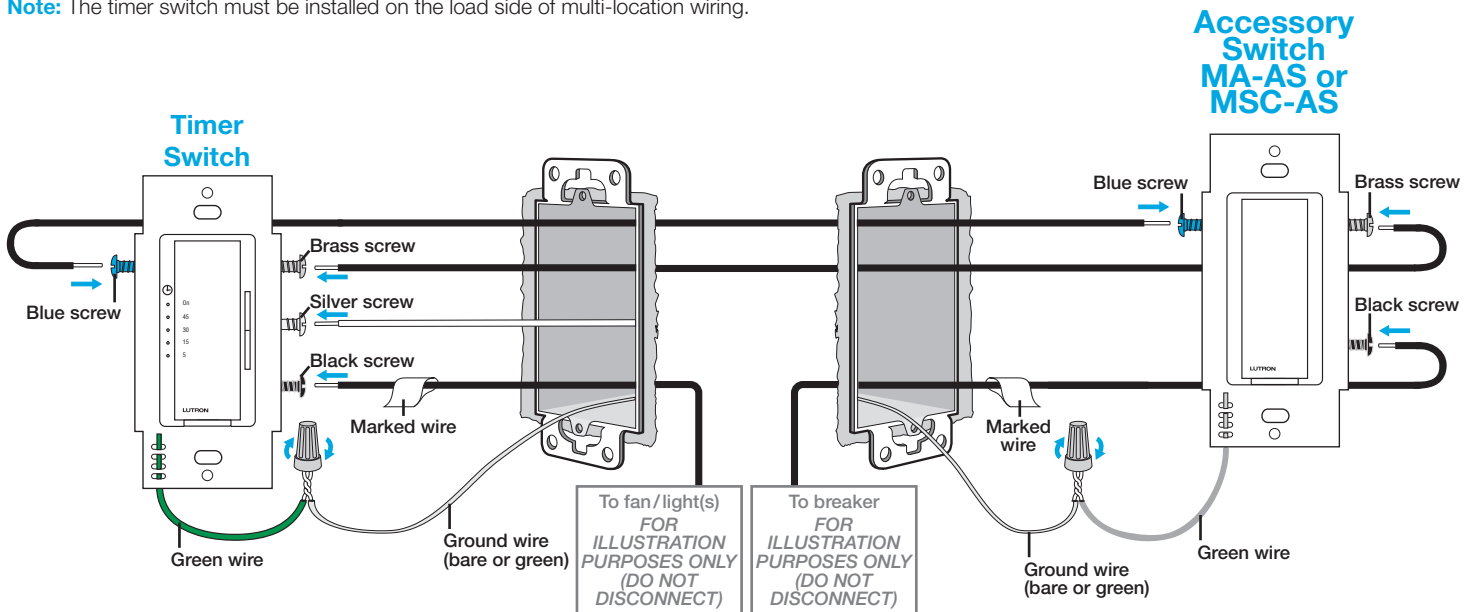
See Step 4 on page 2 for details.

For lights and/or a fan switched from two locations *(continued)*

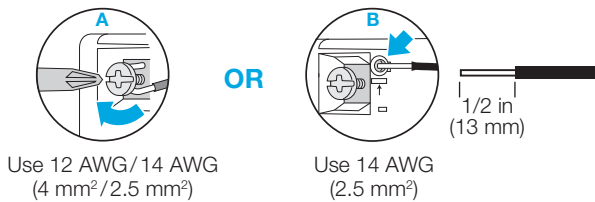
(For lights and/or a fan switched from three or more locations, please visit www.lutron.com/ma-t51mnb)

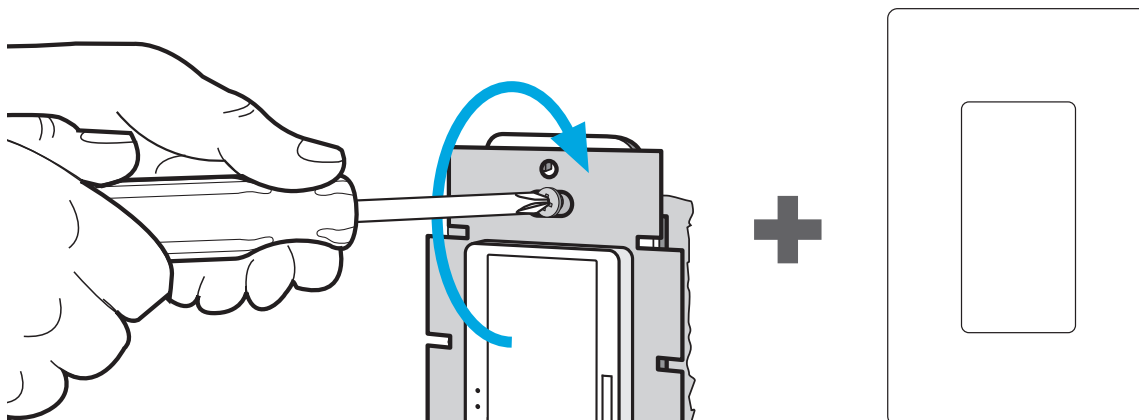
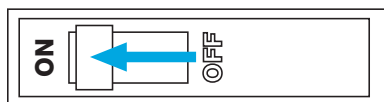
6 Connect the new timer switch and a Maestro accessory switch (MA-AS or MSC-AS)

Note: The timer switch must be installed on the load side of multi-location wiring.



Fully wrap the wires around the screw and tighten (A), or strip insulated wires to 1/2 in (13 mm) and insert into the push-in terminals (B).



For lights and/or a fan switched from two locations *(continued)*(For lights and/or a fan switched from three or more locations, please visit www.lutron.com/ma-t51mnb)**7** Mount all devices using the provided screws**8** Turn power ON at circuit breaker**Troubleshooting**

Symptom	Possible Cause
Load does not turn ON, but LED on timer switch is ON.	• Light bulbs are burned out. • Timer switch is not properly wired. • Neutral wire is not connected. • Load not properly installed. • Fan not turned on at fixture.
Load does not turn ON and LED on timer switch is OFF.	• Timer switch is not properly wired, wires connected to brass and black screw terminals may be reversed. • Neutral wire is not connected. • Front Accessible Service Switch (FASS) on timer switch or any accessory switch is pulled out to the OFF position. • Breaker is OFF or tripped.
Load turns ON and timer switch works, but accessory switch does not work.	• Wire connected to the blue screw terminal on timer switch is not the same wire connected to the blue screw terminal on accessory switch. • Timer switch is not installed on the load side of the circuit.
Load does not remain ON, LED glows dimly or blinks.	• Blue screw terminal miswired to neutral wire or touching ground.

HelpU.S.A. | Canada | Caribbean **1.844.LUTRON1 (588.7661)**Mexico **+1.888.235.2910**Others **+1.610.282.3800****Limited Warranty:** www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

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