



Today's Technology, Yesterday's Simplicity.

**MODEL LST200 / LST200+ DUAL EVENT DIGITAL WALL SWITCH TIMER INSTALLATION & OPERATING INSTRUCTIONS**

**Introduction**

The LST200 / LST200+ can replace your regular or 3-way switch (where two switches control the same device) to control a light or any device plugged into an outlet with a load up to 15 Amps; the maximum rating on the timer label.

The LST200 / LST200+ also has an exclusive manual On-Demand Delayed OFF mode that enables the user to leave the room while the light is ON and the timer automatically shuts the load OFF after a preset amount of time without interfering with programmed AUTOMATIC times or controls.

The LST200 / LST200+ timer can control incandescent lights, compact fluorescent lights, fluorescent lights, flood lights, LED lights, fans and motors.

You will need to use a Decorator style wall plate with this timer which is not supplied.

The timer must be mounted into a standard single or multi-ganged electrical box.

**Read wiring instructions carefully and follow guidelines applicable to your installation.**

**WARNING:** TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.

**WARNING:** IF YOU ARE UNSURE ABOUT ANY PART OF THESE INSTRUCTIONS CONTACT A QUALIFIED ELECTRICIAN.

**WARNING:** TO AVOID FIRE, SHOCK OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!

**WARNING:** DO NOT EXCEED THE 625 WATT INCANDESCENT RATING OF THIS DEVICE.

**CAUTION:** USE THIS DEVICE WITH COPPER OR COPPER CLAD WIRE. WITH ALUMINUM WIRE USE ONLY DEVICES MARKED CO/ALP OR CU/AL.

**Installation Instructions**

Single Switch or 3-way to replace an existing switch:

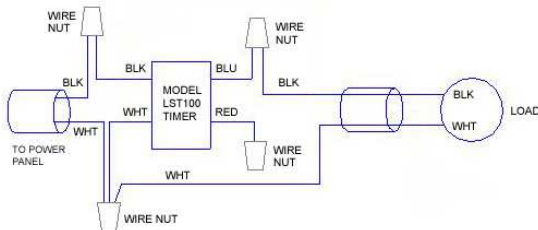
1. **TURN OFF POWER** by **REMOVING FUSE** or turning the **CIRCUIT BREAKER OFF**.
2. Remove the existing wall switch.

**Single Switch (Single Pole Installation):**

3. Connect the black building wire from the Main Power Panel to the black wire from the timer, using the wire nuts provided. Connect the blue wire from the timer to the black wire going to the load. Connect together the white wire from the main power cable to the white wire from the timer and the white wire to the load.

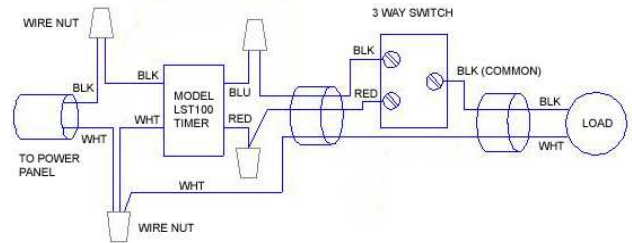
**THE RED WIRE IS NOT USED FOR SINGLE SWITCH INSTALLATIONS.** Cap the red wire with a wire nut.

BE SURE that ALL the WIRE NUTS are TIGHT and SECURE.



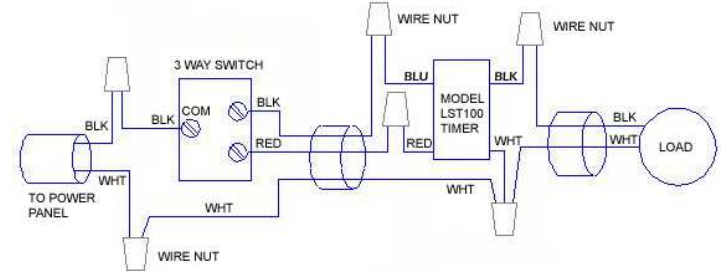
**3-way Switch Installation:**

4. A three way switch has three wires connected to it. One of the wires is "common" (the terminal has a different colored screw or there are markings on the old switch). Connect the Black wire from the timer to the common wire, Connect the other two wires to the Blue and Red wires from the timer (it doesn't matter which goes to which.)
5. Connect together the white wire from the main power cable to the white wire from the timer and the white wire to the load.
6. Tuck the wires into the wall box leaving room for the timer. BE SURE that ALL the WIRE NUTS are TIGHT and SECURE.



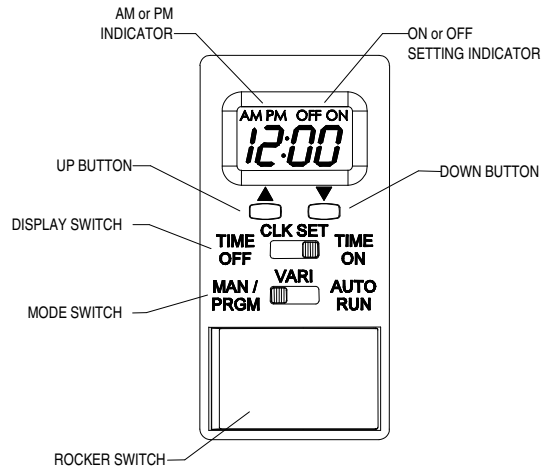
7. Using the screws provided, mount the timer securely to the wall box then install the wall plate.
8. Return the power to the circuit at the service panel. The display starts flashing "12:00 AM" see Operating Instructions to program the device.

**Alternate 3-way Switch Installation:**



9. For alternate 3-way Switch Installation, connect each wire as shown above.
10. Tuck the wires into the wall box leaving room for the timer. BE SURE that ALL the WIRE NUTS are TIGHT and SECURE.
11. Using the screws provided, mount the timer securely to the wall box then install the wall plate.
12. Return the power to the circuit at the service panel. The display starts flashing "12:00 AM" see Operating Instructions to program the device.

**Controls**



**Operating Modes**

The LST200/LST200+ has 4 operating modes. The Mode switch determines which mode you are in

1. MAN / PRGM (Manual / Program) this mode allows the setting of the Clock time and the Timer ON and OFF times. In this position the timer is disabled.
2. VARI (Variable) in this mode the timer is enabled and the ON and OFF time settings will be altered plus or minus 15 minutes to confuse possible intruders.
3. AUTO RUN (Automatic Run) in this mode the timer ON and OFF settings are enabled as programmed.
4. Delayed OFF Mode. See **Operation of Delayed OFF Mode** below. The position of the Mode switch is irrelevant.

**Rocker Switch**

The rocker switch at the base of the unit will override any current settings. If the device is ON, the switch will turn it OFF, if OFF, it will turn the device ON.

If the device is in Delayed OFF mode and the light is ON, the switch will turn the light OFF.

