

Model Series 872 Indoor/Outdoor Wire-In Light Control

FOR INSIDE USE ONLY WITH INCANDESCENT LAMP CIRCUITS OF 500 WATTS OR LESS. NOT RECOMMENDED FOR USE IN CIRCUITS WITH FLUORESCENT LAMPS, LIGHT DIMMERS, OR HALOGEN LIGHTING SYSTEMS.

The Control consists of two parts: the power supply and the receiver. It can replace either single pole (1 switch controlling a single light) or 3-way switches (2 switches controlling a single light). Depending on the 3-way switch position, the light may turn on after a power failure. If properly wired, this will not occur with a single pole switch installation.

The Wire-in Control can be operated by Remote Control Model Series 50, 60, 70 and 80, and by Keyless Entry System Model Series 740.

To comply with FCC rules, adjustment or modification of receiver and/or transmitter is prohibited, except for changing the code setting and replacing the battery. THERE ARE NO OTHER USER SERVICEABLE PARTS.



WARNING

Turn off the power to the circuit at the fuse box or circuit breaker before beginning installation.

Figure 1 illustrates the installation of receiver and power supply to junction box in interior wall.

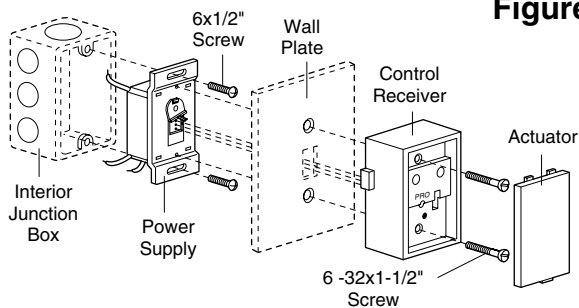
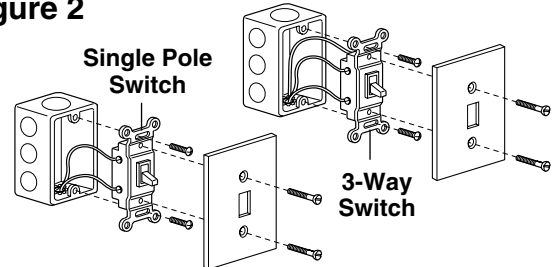


Figure 1

Figure 2



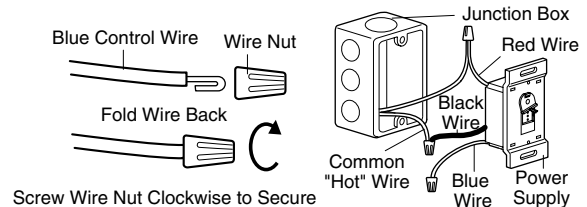
- Pry up lower edge of actuator until it separates from receiver housing. Set actuator aside.
- Remove the 6-32"x1-1/2" screws and unplug receiver from power supply. Set receiver aside, discard spacers.
- Remove wall plate and set aside for re-assembly.
- Remove screws holding switch to junction box.
- Pull the switch from the junction box to access the connecting terminals. See Figure 2.

At this point, determine if you have a single pole or 3-way switch and follow the instructions that apply to your situation.

Single Pole Switch Instructions, Figure 3:

- Disconnect wires from **the junction box switch**. Straighten the ends to make sure the insulation is trimmed back 1/2" to allow connection of the power supply wires.
- Fold the **BLUE** power supply wire back as shown and cap with a wire nut. Screw nut in a clockwise direction to secure.
- Cap black control wire to one junction box wire and red control wire to the other. Screw wire nuts on clockwise, making sure bare wires are covered.

Figure 3 **Connect Power Supply**



3-Way Switch Instructions, Figure 4:

- At the junction box where the Light Control will be installed, mark the common terminal wire before disconnecting the switch. (Common terminal may be marked "common", "com" or uses a different color screw [gold or silver] than the other two terminal screws.)
 - Disconnect wires from **that junction box switch only**. Straighten the ends to make sure the insulation is trimmed back 1/2" to allow connection of the power supply wires.
- CAUTION: If there is a ground on your switch (usually a bare wire attached to a green screw on switch), connect the wire to the metal junction box. If the box is plastic, connect the wire to the metal part of the Control.**
- Start by capping the black control wire to the common "hot or live" wire; and the remaining control wires separately to the other two junction box wires in any order (*but remember the color of wire #1 connected to the red control wire*).

- Screw wire nuts on clockwise, making sure the bare wires are covered. Pull on each wire nut to make sure the connections are good.
- Carefully pack the wiring back into junction box. Make sure the wires are not pinched or strained.
- Fasten power supply to selected junction box location with the #6x1-1/2" flat-head screws provided. (Figure 1).
- Move power supply switch to the right as shown in Figure 5. Move receiver slide bar so "ON" is visible. The control will be **ON** when power to circuit is applied.
- **Refer to Figure 1.** Position wall plate over the junction box. Align receiver so that three-pin plug engages holes in power supply and slide bar engages the power supply switch. Insert (2) #6-32x1-1/2" screws through fastening holes in receiver, wall plate and power supply. Tighten securely.

Do not replace the actuator until you have set the code. See Side 2.

Connect Power Supply

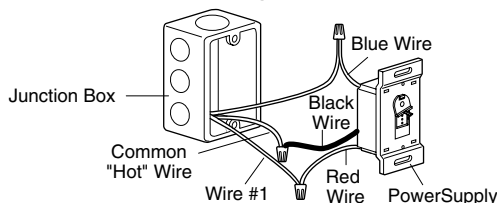


Figure 4

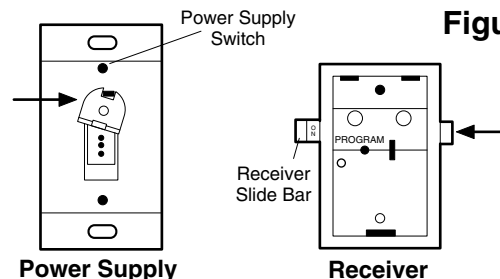


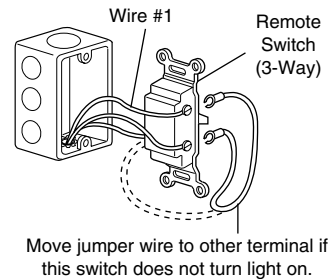
Figure 5

Install Jumper Wire for 3-Way Switch Applications Only, Figure 6:

- Remove switch plate and screws from second 3-way switch. Pull switch from junction box.
- Identify *wire #1* previously connected to the red control wire in Figure 4. Loosen the terminal screw holding *wire #1* just enough to install one end of the jumper wire. Retighten the screw.
- Loosen screw at either of the two other terminals and install other end of jumper wire. Retighten screw.
- Reinstall switch and turn power back on. Turn Light Control on by moving the slide lever to ON position. Try operating the light using the second (remote 3-way) switch.
- If light does not operate, TURN POWER OFF at fuses or circuit breaker and remove the remote 3-way switch.
- Rewire the jumper to go from the *wire #1* terminal to the other terminal.
- Reinstall switch and turn power back on. Both the remote switch and the Light Control should now be able to control the light.

Figure 6

Connect Jumper Wire



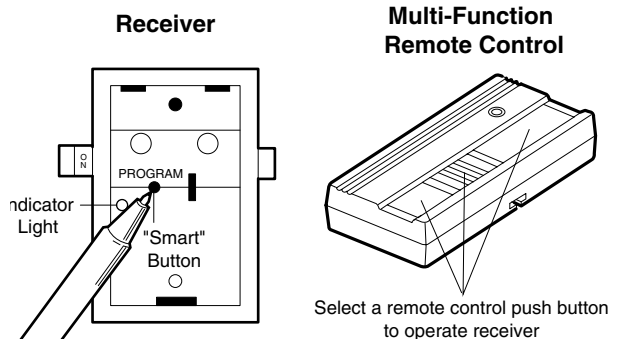
Set Receiver to Match Remote Control(s) Code:

Turn on the power to circuit at fuse box or circuit breaker. Select a remote control push button to operate the Light Control.

- Press and **HOLD** the remote control push button.
- Then press and release the "Smart" button on the receiver with a pen or pencil tip. The adjacent green indicator light will **FLASH** once. Release the remote control push button. Code setting is complete. Snap actuator back on receiver.

NOTE: If the remote control push button is not held down until the receiver indicator light flashes, the light control has not accepted the code.

If the "Smart" button is pressed and held until the indicator light alongside goes out (approximately 6 seconds), *all memorized codes will be erased.*



TO TEST:

Press the actuator. The light should turn on. Press again and the light should turn off. Press remote control push button. The light should turn on. Press again and the light should turn off.

Remote control range will vary depending on your house and wiring construction. Metal lath, foil-backed insulation or aluminum siding will reduce range.

After installation is complete, test remote control operation at various locations within your home for convenience and range.

If the light does not operate, check to be sure:

- The power is **ON**. Check the fuse box or circuit breaker.
- The light bulb is "good".
- The receiver is firmly connected to the power supply and the slide bar is in the **ON** position.
- The electrical wiring is correct. Review the wiring instructions for Single/3-Way Switch.
- You are pressing the remote control push button selected to operate the light control.
- The remote control has power. **NOTE:** Test light on the remote control should glow when push button is pressed. (Battery changing information is included in instructions packed with your remote control.)

CAUTION: To avoid electric shock, move the slide switch to the **OFF** position whenever it is necessary to change a light bulb.

NOTE: If you use less than a 40 Watt bulb, the lamp may glow dimly when **OFF**. This is normal.

If two or more light products are installed, they must be located at least 10 feet apart to prevent electronic interference.

No user serviceable parts.

The Multi-Function remote control can also operate the Plug-In Light Control Accessory, Model Series 874.

