



DISCONNECT POWER TO GARAGE DOOR OPENER BEFORE INSTALLING RECEIVER.

For use with the following RF modules:

To operate the control board via radio, a radio module must first be installed in slots CN1/CN2.

- 801221 Superheterodyne, 433.92MHz
- 801344 Superregenerative, 418MHz

The 2 Channel Universal Receiver Model 8002E can be programmed to receive up to 15 codes for each channel.



Receiver

INSTALLATION

The receiver should be mounted towards the front of the garage, preferably about two meters above the floor. Select a location which allows clearance for opening the cover, and space for the antenna (as far from metal structures as possible). The receiver and antenna use TV Type F coaxial connectors. The antenna is threaded directly onto the receiver. An additional cable extension (86LM) is available to improve the range.

The transformer (Model 23009E) must be plugged into the wall within two meters of the receiver, to allow the wire to reach the receiver terminals.

1. Fasten the receiver securely with screws through the corner holes which are located under the cover.
2. AC/DC are the terminals on the circuit board. (see illustration)
Connect the transformer wire to the terminals. Now tighten terminals.
3. Connect operator control board to the terminals of the Universal Receiver. In this process, connect the cable of the wall-button to terminals (Channel A). Connect the cable of the second wall-button (if you have to operate 2 doors) to the terminals. (Channel B). In case there is no wall-button or keyswitch, consult the manual of your garage door opener.
4. Plug in the transformer and reconnect power. You may use the Test button to operate your opener(s).

PROGRAMMING THE RECEIVER TO ACCEPT YOUR TRANSMITTER CODE



Activate the opener only when door is in full view, free of obstruction and properly adjusted. No one should enter or leave garage while door is in motion. Do not allow children to operate push button(s) or remote(s). Do not allow children to play near the door.

1. Press and **hold** the remote control push button.
2. Press and release the *Learn* button in the Control Center on the opener panel. The indicator light will *flash* once.
3. Release the remote push button.

Now the opener will operate when the remote control push button is pressed.

If you release the remote control push button before the indicator lights flash, the opener will not accept the code.

Repeat steps 1–3 to program the receiver for all remote controls in use for that door. If a second door is in use, use a different remote control button and repeat the steps for channel B.

Replace top cover with mounting screws.

To erase all codes from the receiver: hold the receiver's *Learn* button until the indicator light goes off (after 6 seconds). All codes that the receiver has learned will be erased.

SPECIFICATIONS

Output Rating	I max. = 5 A; V max. = 30V AC/DC
Power input <24V	9-16V AC, @ 30 mA
.....	9-24V DC, @ 30 mA
.....	16-30V AC, @ 30 mA
>24V	24-30V DC, @ 30 mA
RF Frequency	418MHz, 433.92MHz

TO SET OUTPUT DURATION

The receiver can be set for either constant or momentary closure on the output contacts for each channel (A and B). (Use constant closure only if constant pressure is needed.) With the jumper in "1" (Momentary) position, the contacts will close for 150ms regardless of the length of radio transmission. With the jumper in "2" (Constant) position, the contacts will stay closed as long as the radio continues transmitting.

