RF RECEIVERS
ONE- AND TWO-CHANNEL
INSTALLATION AND OPERATION

ADI PRO

KEY FEATURES

Frequency: 315MHz
Range: Up to 394 ft. (120m)
Power Supply: 12-24 VDC / VAC
Relay Contact Rating: Dry Form C, 10-amp max. per channel
Operating Temperature: -14 to 140°F (-25 to 60°C)

Compatibility: Rolling and fixed code transmitters, up to 200 buttons
Programming Functions: Each channel can be programmed to one of five output programming functions

0E-1CHRFRCVR
(1-Channel)

0E-2CHRFRCVR
(2-Channel)

INTRODUCTION

These RF receivers enable secure wireless operation of garage doors, lights, control boxes and other essential security or access control devices. The receivers are compatible with rolling code transmitters such as our ADI PRO models, as well as fixed code transmitters.

ADI PRO Compatible Transmitters – Up to 68 Million Rolling Codes

0E-2C2BPTRAN	2-channel, 2-button pendant transmitter	315MHz, up to 328 ft. (100m)
0E-2C2BHTRAN	2-channel, 2-button handheld transmitter	315MHz, up to 394 ft. (120m)
0E-4C4BHTRAN	4-channel, 4-button handheld transmitter	315MHz, up to 394 ft. (120m)

INSTALLATION

1. Install the receiver in a protected, dry location. Do not install in a location surrounded by metal, as this will reduce signal range.
2. Connect the two power supply wires, one to VDD and the other to GND. When power is initiated, the LED will light for one second.
3. Pull the antenna straight for the best signal. If there is interference, the wire may be folded. **DO NOT** cut the antenna wire.

ADI PRO TECHNICAL SUPPORT
1.833.574.9124

WEBSITE
adiglobal.com/adiexclusivebrands

FC IC ☒ CE RoHS ♲

PAIRING A NEW TRANSMITTER

Channel 1: Press the LEARN BUTTON once.
The LED will light for 1 second, go off for 1 second and then light again. Press any button on the transmitter to pair. If the code is learned successfully, the LED will blink. Release the button on the transmitter; the LED will be OFF. If the transmitter cannot read the signal, the LED will light for 15 seconds and finish its learning status.

Channel 2: Press the LEARN BUTTON twice.
Follow the steps outlined above.

Clear All
To delete all codes from the receiver, press and hold down the LEARN BUTTON for 10 seconds or until the LED lights. Release the button. The LED will go off, indicating that all codes have been deleted.

LEARN BUTTON
Pair or remove a transmitter

PROGRAMMING

Channel Relay Output Modes
Each channel can be independently programmed to operate in a different function.

1. Hold PROGRAM BUTTON 1 or 2 for 3 or more seconds. The LED on the receiver will flash the number of times equal to the output mode that it is in. (For example, if it flashes 2 times, the receicer is set to Toggle Mode).
2. To change a relay output mode, press the program button. Each press of the button moves to the next mode in the sequence shown in the table below.
3. After selecting the mode, count the number of LED flashes to verify that the channel is set to the correct mode.
4. To exit, hold PROGRAM BUTTONS 1 and 2 for 3 seconds or wait 15 seconds.

Program Button	LED Indicator	Output Mode
Default	Flashes 1 x	4-Second Timed Mode, Auto. OFF
Press 2 x	Flashes 2 x	Toggle Mode
Press 3 x	Flashes 3 x	Latch Mode
Press 4 x	Flashes 4 x	Validity Mode
Press 5 x	Flashes 5 x	1-Second Timed Mode

PROGRAMMING (CONT.)

4-Second Timed Mode (default): When transmitter button is pressed, the relay will turn ON for 4 seconds, then auto. OFF.
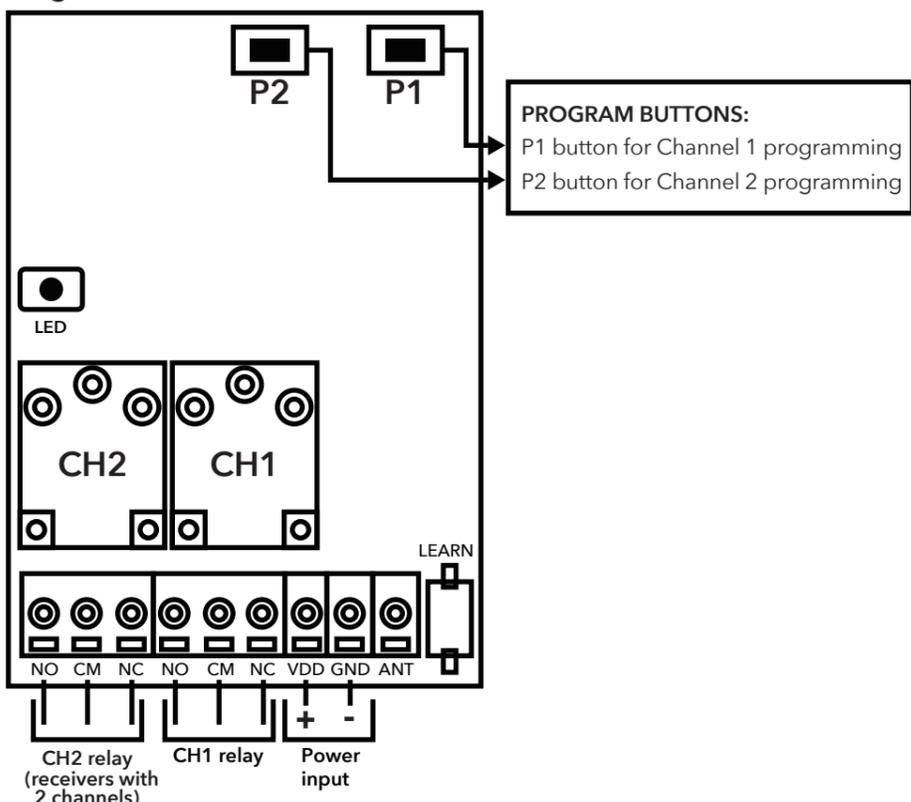
Toggle Mode: When the transmitter button is pressed once and released, the relay will turn ON. Press the transmitter button again for the relay to turn OFF.

Latch Mode: Press the transmitter button once. The relay turns ON and stays ON. The relay will remain ON regardless of whether a compatible transmitter button is pressed again or not. To turn the relay OFF, press the LEARN BUTTON on the receiver once to reset.

Validity Mode: The relay is ON for as long as the transmitter buttons is pressed.

1-Second Timed Mode: When the transmitter button is pressed, the relay will turn ON for 1 second AND then auto. OFF.

Diagram of the Receiver:

P2 P1

PROGRAM BUTTONS:
P1 button for Channel 1 programming
P2 button for Channel 2 programming

LED

CH2 CH1

LEARN

NO CM NC NO CM NC VDD GND ANT

CH2 relay (receivers with 2 channels)   CH1 relay   Power input + -

SAFETY AND COMPLIANCE

FCC/IC Compliance Statements

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

1. THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND
2. THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

⚠ **WARNING:** These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

WARRANTY

These products are covered by a 1-year limited warranty from the date of original purchase.