



MULTI-FREQUENCY FHCRX-1/2 INSTRUCTION MANUAL

Thank you for purchasing the ATA FHCRX Series Stand Alone Receiver. Familiarise yourself with the following instructions prior to commencing set up. Store this information in a safe place for future reference. The FHCRX series receivers have relays on board which provide normally open or normally closed contact for controlling virtually any electronic device including garage doors and gate openers. The relays can be programmed to any of three modes - pulse, hold or timer. One or both relays can be programmed with any of the three modes.

BRAND OF TRANSMITTERS

First memory location sets the type of transmitters which can be stored into the receivers memory. It either can be ATA TrioCode™ or BND Tri-Tran™ transmitters. For example if first transmitter stored is TrioCode™ then rest of transmitters can only be TrioCode™ type and mixing of TrioCode™, Tri-Tran™ is not possible. By deleting all stored transmitter codes from receivers memory will allow you to choose either TrioCode™ or Tri-Tran™ transmitters.

SETTING RELAY OPERATING MODES

Pulse Mode - Relay contact is active whilst transmitter button is pressed.

Hold Mode - Relay changes state at each press of transmitter button. Hold, Release, Hold, etc. (like an on/off switch).

Timer Mode - Relay will remain active for the programmed duration. the timer is adjustable from 0 seconds to 655.34 seconds in .01second steps

Note: Timer mode is select able only with the ATA Programmer. Refer to the Programmer's manual for instructions on setting Timer mode.

RELAY-1 Pulse Mode - Remove JP1 jumper or do not bridge the two pins.

RELAY-1 Hold Mode - Bridge the two pins on JP1 jumper.

RELAY-2 Pulse Mode - Remove JP2 jumper or do not bridge the two pins.

RELAY-2 Hold Mode - Bridge the two pins on JP2 jumper.

UNIVERSAL PROGRAMMER

An ATA Universal Programmer can be used to set timer (adjustable from 0.00 to 655.34 seconds), Edit, back up /restore transmitters.

STORING TRANSMITTER CODE

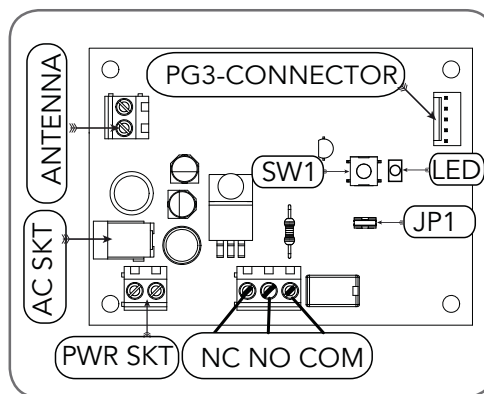
1. Press and hold SW1 (for Relay 1) or SW2 (for Relay 2) on the receiver board. The led will start to flash
2. Press the transmitter button you would like to use to control the device for two seconds. The led will start to flash faster.
3. Release the transmitter button and pause for two seconds. Press the same button again for two seconds. The led will stays on for second and turns off.
4. Release SW button.
5. Press the transmitter button to test operation.

DELETING A SINGLE TRANSMITTER'S CODE

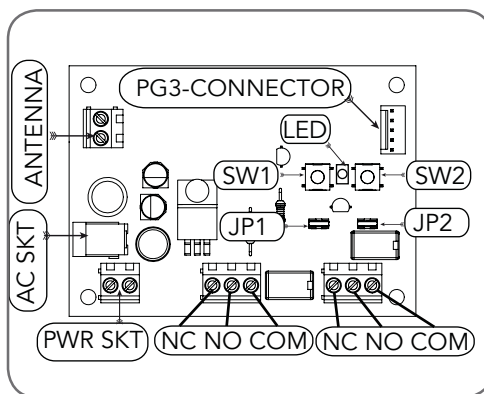
1. Press and hold SW1 (for Relay 1) or SW2 (for Relay 2) on the receiver board. The led will start to flash
2. Press the transmitter button you would like to remove from receivers memory for two seconds. The led will start to flash faster.
3. Release the transmitter button and pause for two seconds. Press the same button again for two seconds. The led will slowly flash two times
4. Release SW button.
5. Press the transmitter button to confirm that it has been removed.

DELETING ALL STORED TRANSMITTER CODES

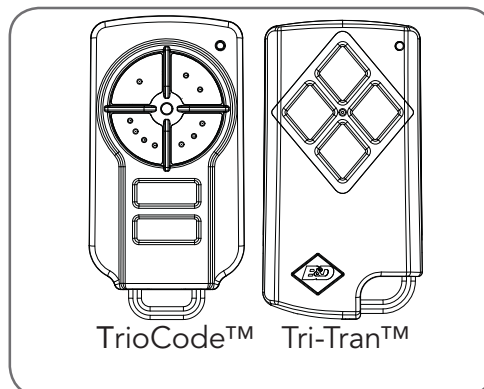
1. Turn the power off to the receiver.
2. Press and hold SW1 button.
3. While holding SW1 turn power on again. After 15 seconds the Coding LED will illuminate to indicate that the receivers memory has been cleared.
4. Release SW1. All the stored codes should now be deleted. Confirm this by pressing the transmitters previously used to operate the device. There should be no response.



FHCRX-1



FHCRX-2



SPECIFICATIONS

Power Supply: 12V-24V AC or DC

Frequency: Multi frequency

Memory Capacity: 250 Transmitters

Programmable Modes: Pulse, Hold, Timer*

Controlling Outputs (FHCRX-1): 1 x Common

1 x Normally Open

1 x Normally Closed

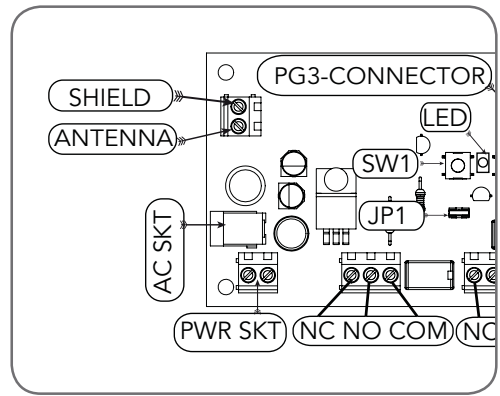
N.B. FHCRX-2 has two relays and two of each controlling output

Relay Contact Rating: 1 amp @ 24 volts DC

Antenna Wire Length**: 170mm

*Timer mode available with ATA's Universal Programmer.

** An optional co-axial antenna is available for use with the receiver in difficult reception areas. The antenna has to be mounted as high as possible so that it is not obstructed, e.g. on top of a fence, or on a wall at the front of a garage, etc. Connect the core of co-axial lead to replace the existing antenna wire (inner screw socket). Connect shield to the spare (outer) screw socket.



CO-AXIAL CONNECTION

WARRANTY

Subject to all of the matter set out below, Automatic Technology Australia Pty Ltd ("ATA") WARRANTS for twelve (12) months from the date of purchase (specified in the tax invoice receipt) that the FHCRX Series Receiver (the "Product") is free of any defects in material and workmanship rendering it unmerchantable.

This warranty referred to above applies only where:

- a) the consumer seeking to rely on the said warranty;
- 1) returns the Product which it claims to be defective; and
- 2) presents the relevant sales docket and this warranty document, to the retailer from whom the Product was purchased to confirm that date of purchase; and
- b) the purchaser notified ATA or the retailer from whom the Product was purchased of the alleged defect in the Product immediately upon experience or learning of the alleged defect.

Except for the warranty against defects in material and workmanship set out above, ATA gives no warranties of any kind whatsoever, whether express or implied or whether statutory or at common law, in relation to the Product, and all warranties of fitness for particular purpose and other warranties of whatsoever kind relating to the Product are hereby disclaimed. Without limiting the generality of the foregoing, ATA disclaims any liability of whatsoever nature in respect of any claim or demand loss or damage which arise out of;

- a) accidental damage to or normal wear and tear to the Product or to the Product's components;
- b) flood, rain, water, fire or lightning;
- c) incorrect, improper or unreasonable maintenance and/or use;
- d) installation, adjustment or use other than ATA which is not in accordance with the instructions set out in installation instructions incorporated in the document;
- e) attempted or complete modification or repairs to the Product carried out by a person who is not authorised by ATA to carry out such modification or repairs;
- f) radio (including citizen band transmission) or any electronic interference,
- g) damage caused by electrical surges,
- h) damage caused by insects.

ATA's liability under the warranty set out above is limited, at ATA's absolute option, to replacing or repairing the Product which ATA, in its unfettered opinion, considers to be defective either in material and/or workmanship or to credit the consumer with the price at which the Product was purchased by the consumer. Where the Product is retailed by any person other than ATA, except for the warranty set out above, such person has no authority from ATA to give any warranty or guarantee on ATA's behalf in addition to the warranty set out above

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TECHNOLOGY

smart | simple | secure

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