

Rx2 Receiver Installer Manual

THANK YOU FOR CHOOSING IDS TO PROTECT YOU

Thank you for purchasing an IDS Rx2 Receiver. Rx2 Receivers offer an easy way of programming up to 20 remote transmitters per relay to trigger different devices with a dry contact.

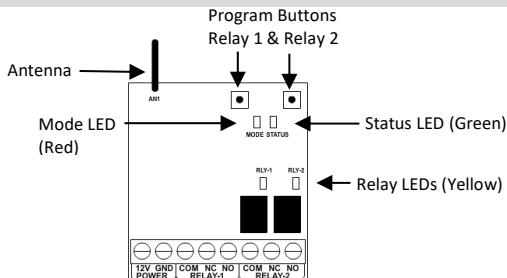
This Installer manual covers all installation topics.

Note: Please read the entire installer manual before attempting the installation!

Features

1. Two 3A relays.
2. 20 remote transmitters per relay.
3. Compact design.
4. Relay pulse or toggle selection.
5. 120m line of sight.

Diagram



Programming	
BTN Press	Description
1	Learnt Mode
2	Delete a remote
3	Delete all remotes
4	Toggle / Pulse
Relay Default Modes	
Relay 1	Pulse 1 second
Relay 2	Pulse 1 second

Operation

1. The Red MODE LED flashes every 10 second to indicate power is connected.
2. When a valid IDS remote transmitter signal is received but not learnt into the Rx2 the Red MODE LED will illuminate for 2 seconds.
3. When a valid IDS remote transmitter signal is received that is learnt into the Rx2 the Green STATUS LED will illuminate for 2 seconds and the Relay will trigger and the associated Yellow RELAY LED will remain illuminated until the relay switches off.
4. When in any of the programming modes and you need to exit without changing any settings press the relay button.

Programming

Adding Remote Transmitters

Twenty remote buttons can be learnt to each relay.

1. Press the program button for the desired relay once.
2. The Green STATUS LED and the chosen Yellow RELAY LED will illuminate.
3. Wait for the Green STATUS LED to flash.
4. Press the remote transmitter button to be learnt to the relay, the Green STATUS LED will flash faster indicating that it is reading the signal.
5. When the Green STATUS LED stops flashing and remains on release the button as this indicates it has been successfully learnt into the Rx2 receiver.

Note: If the Green STATUS LED does not stop flashing after about 5 seconds, release the button, the Red MODE LED will flash once indicating the signal from the remote you are learning was disrupted by a random signal causing the Rx2 to not complete the learn process, repeat steps 4 to 6.

6. When the Green STATUS LED starts flashing again the next remote's button may be learnt by repeating steps 4 to 6.
7. To exit programming press the program button, pressed in step 1 and the Green MODE LED and Red STATUS LED will first alternate and then switch off, programming will be automatically exited and the Rx2 will be ready for operation.

Note:

- a. If the Red STATUS LED comes on for 3 seconds then 20 remotes are currently learnt and no more can be added or the button has been learnt to the other relay already.

Deleting Remote Transmitters

A remote transmitter can be deleted individually if the remote transmitter is available if not see “Default by Channel” below.

1. Press the program button for the desired relay twice.
2. The Red MODE LED and the chosen Yellow RELAY LED will illuminate.
3. Wait for the Red MODE LED to flash.
4. Press and hold the remote transmitter button to be deleted from the chosen relay.
5. When the Green STATUS LED illuminates for 3 seconds release the remote transmitter button as the remote was successfully deleted.
6. When the Red MODE LED begins to flash again the next remote maybe deleted by repeating step 4 & 5.
7. To exit programming press the program button pressed in step 1 and the Green STATUS LED and Red MODE LED will first alternate and then switch off, programming will be automatically exited and the Rx2 will be ready for operation.

Default by Channel

Channel 1 & 2 are defaulted separately.

1. Press Program button for the desired relay three times.
2. The Green STATUS LED, Red MODE LED and chosen Yellow RELAY LED will illuminate.
3. Wait for the Red MODE LED and Green STATUS LED to start flashing together.
4. Press and hold the program button for the chosen relay the Green STATUS LED and Red MODE LED will start flashing alternately.
5. Keep pressing the chosen relay program button until the Green STATUS LED and Red MODE LED stop flashing alternately and switch off.
6. Once complete the Green STATUS LED and the Red MODE LED will first alternate and then switch off, programming will be automatically exited and the Rx2 will be ready for operation.

Relay Pulse/Toggle mode (Default Relay 1 & 2 = 1 sec pulse)

Each relay can be set to toggle or pulse. The pulse time can be set from 1 second to 10 seconds.

1. Press the Program button for the desired relay four times.
2. The Yellow RELAY LED will illuminate.
3. The Green STATUS LED and the Red MODE LED will begin to pulse together.
To set a pulse time, count the number of pulses to set the number of seconds the relay is to remain on and press the program button to save the pulse time.
4. To set the relay to toggle allow the Green STATUS LED and Red MODE LED to pulse eleven times and automatically exit programming.
5. Once complete the Green STATUS LED and the Red MODE LED will first alternate and then switch off, programming will be automatically exited and the Rx2 will be ready for operation.

Installation Tips

1. Install antenna vertically.
2. Keep the Rx2 away from other devices, approximately one metre, that receive or transmit radio frequencies, i.e. Monitoring company radio, and other remote receivers, etc.
3. Keep away from metal as this could reduce signal strength being received.
4. Do not glue the housing to a surface using glue that would react negatively with plastic as this could warp the housing making it difficult to remove / replace the cover or keep the cover on for protection.
5. When mounting avoid the screws from touching the electronic circuit board.