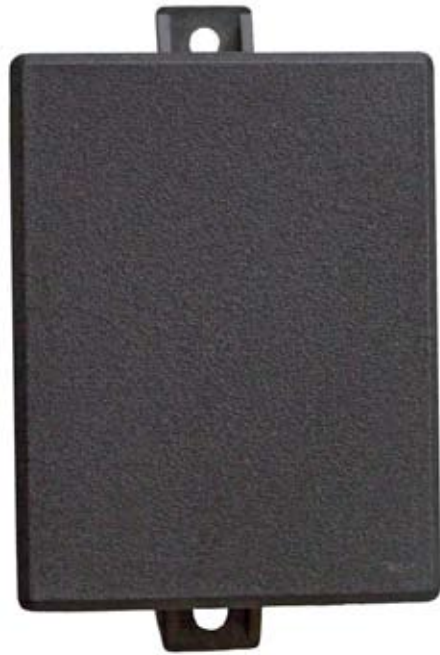


Installation Manual for e-Gate RX-2 Remote Control Receiver



The back of the RX-1 receiver must be unclipped from the front cover before any cables can be terminated. The receiver is NOT WEATHER PROOF so should be installed indoors or within a suitable weather proof enclosure.

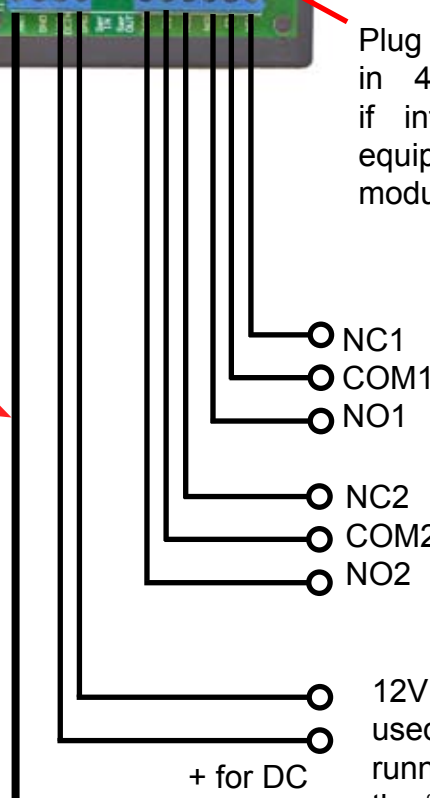
Once the cables are terminated the back should be clipped back into the front cover and the receiver can be screwed in place using the mounting lugs.

Plug in receiver module comes in 433.92Mhz or 315Mhz so if interference from other RF equipment is experienced, then module can be easily changed.

The receiver comes with a short length of wire that acts as an antenna. This wire must be straight up and down for best reception.

If the receiver is installed within a metal enclosure or poor operating range is experienced due to other surrounding structures (ie. metal fencing) then an e-Gate ANT antenna should be fitted above and away from such structures and connected to the receiver using the coaxial cable supplied with the antenna.

The screening from the co-axial must be seperated twisted and terminated to the ground terminal next to the antenna terminal.

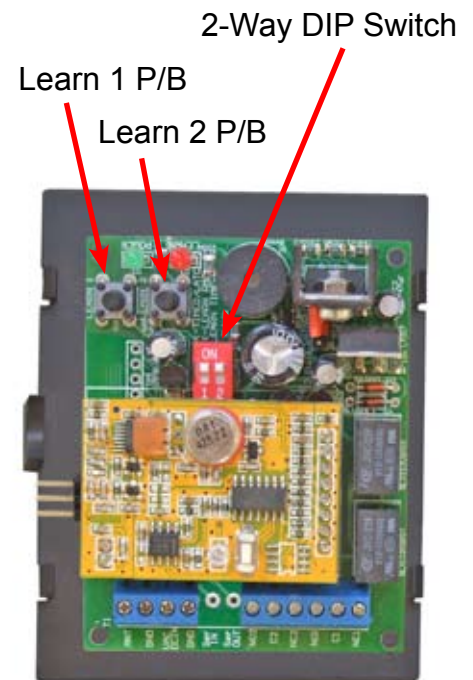
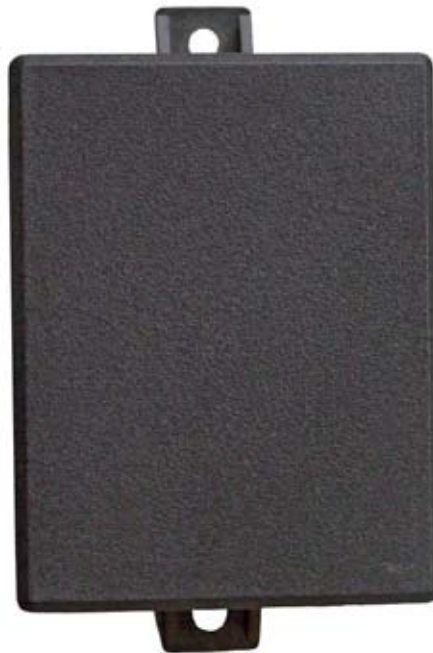


Outputs are clean relay contacts rated for 2A at up to 60VDC or 125VAC

12V to 24V AC or DC can be used to power the receiver. If running from a 12V Battery move the 'Power Jumper' across to the '12V Battery' setting.

Instructions for Adding and Removing Remote Controls for e-Gate RX-2 Remote Control Receiver

To add a remote control press either the 'Learn 1' or 'Learn 2' P/B depending on desired Channel. Now press the button on the remote control that you wish to activate this channel. The receiver will beep more rapidly for a second to confirm the remote control was added successfully. The remote control should now activate the correct output channel relay and the beeper for as long as the button is pressed. If you wish one remote control button to activate both channels, repeat the same for the other channel.



The maximum number of remote controls is 60, if you exceed this the receiver won't accept any more, each remote control button counts as one entire remote control. If you wish to use more than 60 remote control buttons use the RX-Mega as it allows up to 1000.

To Remove a Remote Control press a Learn P/B and the receiver will start beeping, now press the already working remote control button you wish to remove. The receiver will beep more rapidly to confirm this remote control button has been removed. If one remote control button was used to activate both outputs then you can only remove one at a time, so you will need to repeat the process again to remove the other. If you have lost the remote control you will need to remove all remote controls then add all the ones you have back in.

To remove all Remote Controls press and hold the 'Learn 1' P/B and count ten beeps. The receiver will beep rapidly for a second to confirm all remote controls have been removed for both Channels.

If you want one Channel to Latch there is a 2-way DIP switch on the receiver board, one for each channel as numbered. With a Channels DIP switch ON, its output relay will latch ON and OFF with each press of a remote control button. This is handy if you want to turn lights ON or OFF with one Channel and activate a gate or garage door with the other.

If you want the output relay to be timed (maximum 4 minutes) there is a 2-way DIP switch on the receiver board, one for each channel as numbered. To change a Channels output relay time set that Channels DIP switch ON and press its Learn P/B and the receiver will start beeping. Count the beeps as there is one every second and when the desired number of seconds has passed press the Learn P/B again and the receiver will beep more rapidly for a second to confirm that it has locked this time in. Now turn the DIP switch OFF and that Channels output relay will now come ON when activated for the new set time or longer if held. This is handy if you want to have lights come ON for a preset time with one Channel and activate a gate or garage door with the other.