

Installation Manual

for

e-Gate RX-Mega Remote Control Receiver



The back of the RX-Mega 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.

Power Jumper

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.

NC Output is clean relay contacts rated for 2A at up to 60VDC or 125VAC
 COM
 NO

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.

+ for DC

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

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



The keypad is used to add and remove remote controls.

Up to 1000 remote controls can be added to the receiver

Each Remote Control must be given a registration number from 0 to 999. ***The registration number must be recorded with the name of the person the remote control is given to***, so later on if they lose their remote control it can be removed without deleting all the others.

The instructions below use the following Syntax:

[????] an action carried out by you
[x] press key labeled “x” on the keypad
{ ???? } an expected result
> next step

To Add a Remote Control:

[enter a registration number from 0 to 999] > [#] > { the receiver will start beeping } > [press the button on the remote control that you want to add, within range of the receiver] > { the receiver will beep more rapidly for a second to confirm the remote control has been added successfully. Now the remote control should activate the output relay and beeper. If you get a long beep, there is already a remote control using that registration number. You must either remove the other remote control first or choose a different registration number }.

To Remove one Remote Control without effecting the others:

[enter the registration number from 0 to 999] > [star key] > { the receiver will beep rapidly for a second to confirm removal was successful. Now the remote control should not activate the output relay or beeper }

To remove all Remote Controls:

[press and hold the ‘star’ key and count ten beeps] > { the receiver will beep rapidly for a second to confirm all remote controls have been removed. Now no Remote Controls should activate the output relay or beeper }