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GC-4

REMOTE CONTROL RECEIVER FOR AUTOMATIC GATE SYSTEMS

IP55

ANSA

GENERAL DESCRIPTION

GC-4 is a universal rolling code radio receiver module that is compatible with most automatic gate control systems.

GC-4 operates with all ANSA multi-button rolling code key fobs; wireless digital keypads; wireless key switches and wireless wall buttons. It is the ideal solution to the integrated control of automatic roller garage door(s) and gates from ANSA multi button key fobs and control devices

CONNECTIONS AND INSTALLATION

The GC-4 module can be fixed inside the gate control box (space permitting) or externally adjacent to the gate control box. Ensure that the connection lead exits at the bottom and forms a rain drip loop.

The module comes with 5 flying leads approx 400mm long inside a black pvc sheath. These wires may be cut to length as desired.

Connections
POWER SUPPLY REQUIRED.

GC-4 requires either a 10 – 30 volt DC or 10 – 24 volt AC power supply
Connect the two white leads to suitable power supply terminals in the gate control unit.
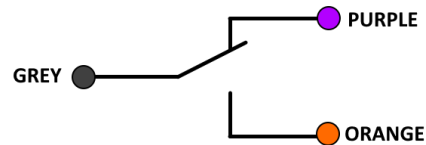The white leads have no polarity and can be connected either way round

Volt Free Output Connections

Grey - *Impulse relay common.*

Orange - *Impulse relay normally open.*

Purple - *Impulse relay normally closed.*

Usually the grey and orange wires are connected to the Gate Control Box (polarity not important), using the "Impulse logic terminals" to open, stop and close the automatic gates.

The module also has a circuit-board mounted yellow aerial wire. This wire may be positioned as required BUT MUST NOT BE CUT. It is pre-cut to give the correct length of antenna for best response to ANSA key fobs.
(The purple wire is not used; this is for special applications where a remote control stop command is needed.)

KEYFOB PROGRAMMING

1. Press and hold the radio set button until the yellow LED lights up and then release it.

2. To programme each key fob, press the selected button on each key fob, correct programming is indicated by a single yellow LED pulse on the set radio LED.

3. When all key fobs are programmed, momentarily press the set radio button to complete the programming operation.

TO ERASE / DELETE A KEYFOB

Key fobs and wireless control devices cannot be individually deleted. Press and hold the set radio button and wait until the yellow set radio LED lights up and goes off and then release the button.

Key fobs and wireless control devices can now be re-loaded using the key fob programming procedure above

NORMAL OPERATION

Operating a correctly programmed key fob button or wireless control device will activate the impulse relay. The red impulse LED will light up, confirming when the radio signal is being received. The impulse signal is directed to the gate control unit by the grey and orange connection leads to operate the automatic gates.

LED INDICATION AND MEANING

| POWER PRESENT | IMPULSE RELAY | RADIO SET |