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GC-4

REMOTE CONTROL RECEIVER FOR
AUTOMATIC GATE SYSTEMS



1.2) GENERAL DESCRIPTION

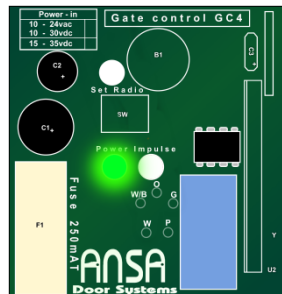
GC-4 is a universal rolling code radio receiver module that is compatible with most automatic gate control systems.

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

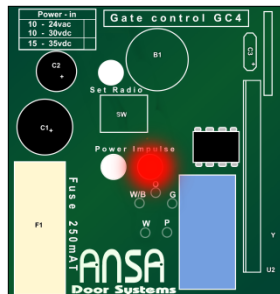
1.2) NORMAL OPERATION

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 door opener unit by the UD6 impulse terminals to operate the garage door in the same manner as the hand transmitters originally supplied with the opener.

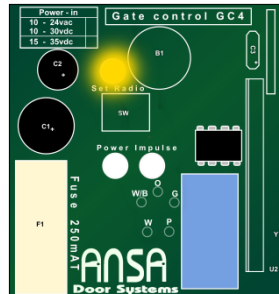
1.3) LED INDICATIONS



POWER PRESENT



IMPULSE RELAY



RADIO SET

2) KEYFOB PROGRAMMING

A) Turn on **dip switch number 1** & observe the *yellow “radio set” LED* which will turn on for 1 second & then go off.

B) Now press the **selected button** on each *keyfob* to be added or operate other control devices. Successful programming is indicated by the yellow “**radio set**” LED which will *flash* with each trigger to confirm correct code entry.

C) **Switch off dip switch number 1** to complete the programming procedure.



2.1) DELETING KEYFOBS

Individual deletion of a keyfob is not possible. To erase the data of one keyfob – you must erase the data linking **all** keyfobs/controls.

A) **Switch dip switch 2 on**

The yellow “radio set” LED will turn on for 5 seconds & then go off to indicate keyfobs are deleted. Now **switch off dip switch 2**.

B) Keyfobs and other control devices can now be re-loaded using the **coding procedure overleaf**.

3) INSTALLATION

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.

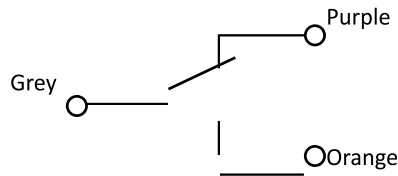
The white leads have no polarity and can be connected either way round

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.)

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