



## GSM 240V GATE OPENER

No More Key Fobs!

Open gates & doors with your mobile phone.

**[www.gsm-activate.co.uk](http://www.gsm-activate.co.uk)**



MODEL NUMBER SWV2GS2

## **Product Information**

The GSM Gate Opener incorporates a professional industrial grade GSM engine that receives calls at its SIM number, as any ordinary GSM phone. The system operates in the GSM module Quad-band 850/900/1800/1900Mhz.

Just to give an example, if your SIM has a phone number 9228 9810555, that is the number you have to call to open the gate. The system has a memory where you will store the numbers of people enabled to open your gate (up to 50). When the Gate Opener receives a call, it will check the calling number and if the number is in the list you have prepared it will reject the call and open the gate.

The advantages of this over other systems are that you do not have to leave the car to open your gates, avoiding weather or safety issues, you don't need to carry around a separate remote device or indeed replace it if it were to get lost!

## **Specification**

- Simply dial the simcard number to open the gate or garage door. It will reject your call so you are not charged.
- Phone list for added security with up to 80 stored numbers.
- Text for Signal Strength.
- Text to keep gate open. (relay 1)
- Text to open for pedestrian access. (relay 2)
- Antenna supplied.
- Sim Active Function.
- Dimensions - L150 x W90 x H45mm
- Dimensions PCB Only - L125 x W67mm
- INPUT - 240VAC (12/24VDC / 115VAC is available)
- Output Relays are - 10AMP N/O or N/C Volt free
- Quad band freq - 850, 900, 1800, 1900mhz
- No need to keep replacing remote keyfobs when the keyfobs are lost.

# INSTRUCTIONS

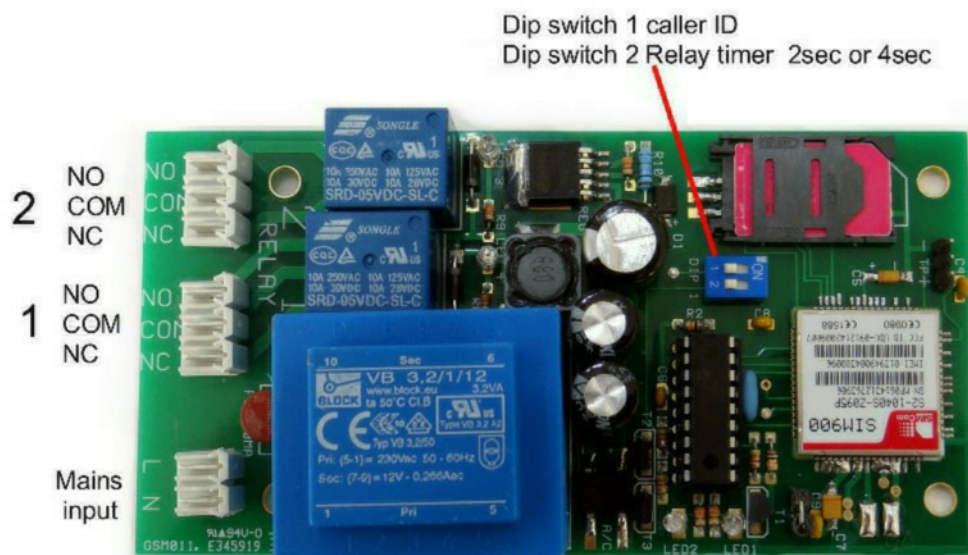


Fig 1

1. Slide back the sim door and lift it up
2. Slide the simcard into the door making sure that the clipped corner of the simcard lines up with the clipped corner of the simcard holder
3. Close the sim door
4. Slide the sim door to lock the simcard in place

When you first switch the unit on, the red and blue led will come on for 3 seconds. The blue led will then go out leaving just the red led on. When the unit finds a signal the red led will go out and the blue will come on and must stay on before you can operate the unit.

## **IMPORTANT - PLEASE READ**

**PLEASE MAKE SURE YOU DISCONNECT THE POWER WHEN YOU FIT THE SIMCARD AND YOU PLACE THE SIMCARD WITH THE CLIPPED CORNER FACING OUT WARDS PLEASE SEE PICTURE ABOVE.**

This model is also available with a 12/24 volt VDC input.

- 1: First you must register and put credit on your simcard, please follow the instructions given with your simcard
- 2: Insert the simcard into a mobile phone and disable the voicemail using the codes below

Vodafone:	call 1210	Tesco	call 2915
T-Mobile:	call 222	O2	call 1760
Orange:	call 4502	Giff Gaff	call 1626

EE - send the text message command VM OFF to 150

- 3: Refer to steps 1 - 4 in Fig 1 above

## **Important Notice**

You must remove the PIN request from the SIM before inserting it into the unit, otherwise the device will not work. In order to do so, insert the SIM in a phone and disable the PIN request.

# How to program the GSM Gate Opener

## TEXT MESSAGE ENTRY

You must first enter the telephone numbers that are authorized to use the gate opener. If you do not require authorized numbers turn dip switch 1 to off position. (Ref FIG 1) This will allow all incoming calls to operate the unit. After inserting your simcard into the Gate Opener, turn on the unit and wait until you receive a steady blue light, this will indicate that you have a mobile signal.

You will now need to send a text with the contact numbers.

Example: (Hash) (01 to 80) (Star) (phone number) (star)

### Note:

To avoid confusion we have colour coded the hash (#) and the star (\*) symbols.

#01*01798123456*	Then send this as a text to the simcard
# * " " *	You can only send one text at a time
#80*01798898765*	Max 80 numbers

**PLEASE NOTE YOU CAN ONLY SEND ONE NUMBER AT A TIME  
PLEASE SEND THE MESSAGE AND WAIT FOR THE GATE OPENER TO  
SEND YOU BACK A TEXT ACKNOWLEDGEMENT "STORED"  
BEFORE YOU TRY TO ADD ANOTHER NUMBER VIA TEXT ENTRY**

If you wish to cancel a number follow this example.

(Hash) (01 to 80) (Star) (Star)

#01\*\* Then send this as a text to the simcard

Below is a notepad to help you remember the numbers that you have saved to your simcard, in the event you need to modify or delete In the future.

#01* _____ *	#06* _____ *
#02* _____ *	#07* _____ *
#03* _____ *	#08* _____ *
#04* _____ *	#09* _____ *
#05* _____ *	#10* _____ *

If you do not need authorized numbers you can turn **Dip switch 1** to off  
**CALL ID** as in **fig.1**.

Please make sure you have credit on your simcard to receive the text the acknowledgment. It may take some time to receive a text acknowledgement this depends upon how busy your telephone network is.

## How to use the gate switch

Using your mobile or landline phone, dial the simcard number, you will hear 1 ring tone. The unit will automatically hang up this will prevent any call charges, the relay will then pulse for a period of time, this time is adjustable from Dip switch 2, switching on pulses the relay for 2 seconds, switching off pulses the relay for 4 seconds. This will send a signal to your gate control board to open the gate.

## Texting the gate to open

If you need to keep the gate permanently open, you can text the unit **#OPEN**

To close the gate all you need to do is just telephone the simcard number this will cancel the relay and close the gate.

## Pedestrian Access

Relay 2 controls the pedestrian gate. You will need to text **#PED**

This will pulse relay 2 on for 3 ½ seconds. This should be sufficient time to open one gate to allow for pedestrian access.

## Signal Strength

To help make sure that you place the unit in a suitable position you can text the unit to see how much signal strength you have by texting **#SS** (IN UPPER CASE ) this is the signal strength. You will receive a text telling you if it is **GOOD**, **AVERAGE** or **POOR**. We **strongly** recommend that you place the unit where you can get at least an average signal .

You will find that with a poor signal it will be **unreliable**.

### Note

The unit has a “sim active” function which monitors the activity on the simcard and if it has been inactive for 6 weeks it sends a phone call out to a pre-recorded number. This will then eliminate the problem of sim’s getting shut down if they are unused for 3 months.

**QUICK REFERENCE****OPERATION****ACKNOWLEDGEMENT**

#01\*01798123456\*

ADD NUMBERS

STORED

#1\*\*

TO CANCEL A NUMBER

NUMBER DELETED

#OPEN

TO OPEN THE GATE

NO ACKNOWLEDGEMENT

#PED

FOR PEDESTRIAN ACCESS

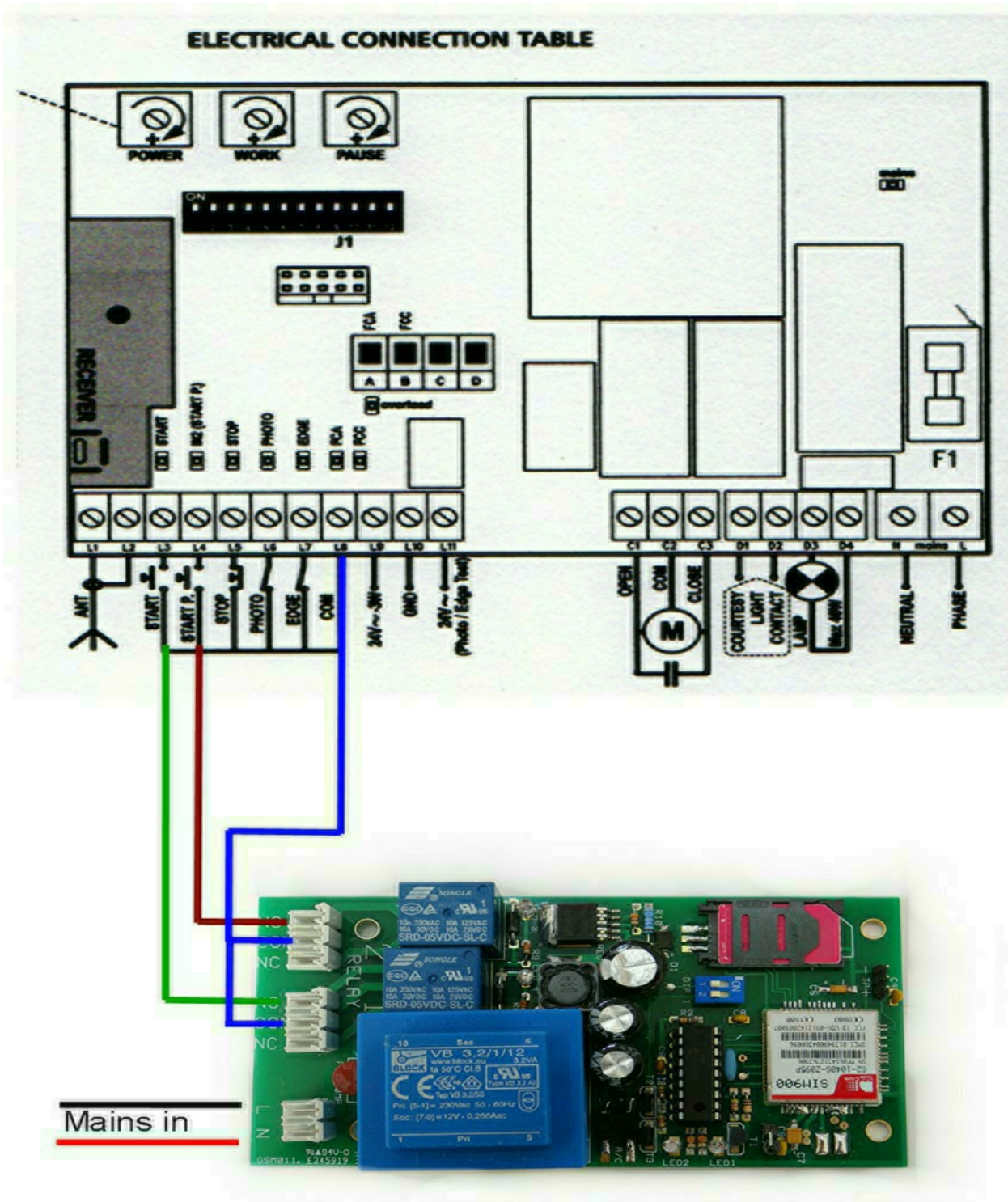
NO ACKNOWLEDGEMENT

#SS

SIGNAL STRENGTH

GOOD, AVERAGE, POOR





For more technical support please browse the FAQ's on our website [www.gsm-activate.co.uk](http://www.gsm-activate.co.uk)  
 Alternatively email our technical support team at [technical@gsm-activate.co.uk](mailto:technical@gsm-activate.co.uk) and we will  
 do our best to reply within 24 hours Monday - Friday.