



GSM GATE/DOOR INTERCOM

Control your Gate/Door with your mobile phone.

www.gsm-activate.co.uk



MODEL NUMBER V6COM

Product Information

The GSM Gate Intercom 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.

When a visitor arrives at your property they will press the call button on the intercom which will then connect to a phone number (up to 3 numbers can be added which will be rung in sequence) of your choosing. Once you answer the phone and speak to them you can then open the gate from your phone and let them in remotely from wherever you are in the world.

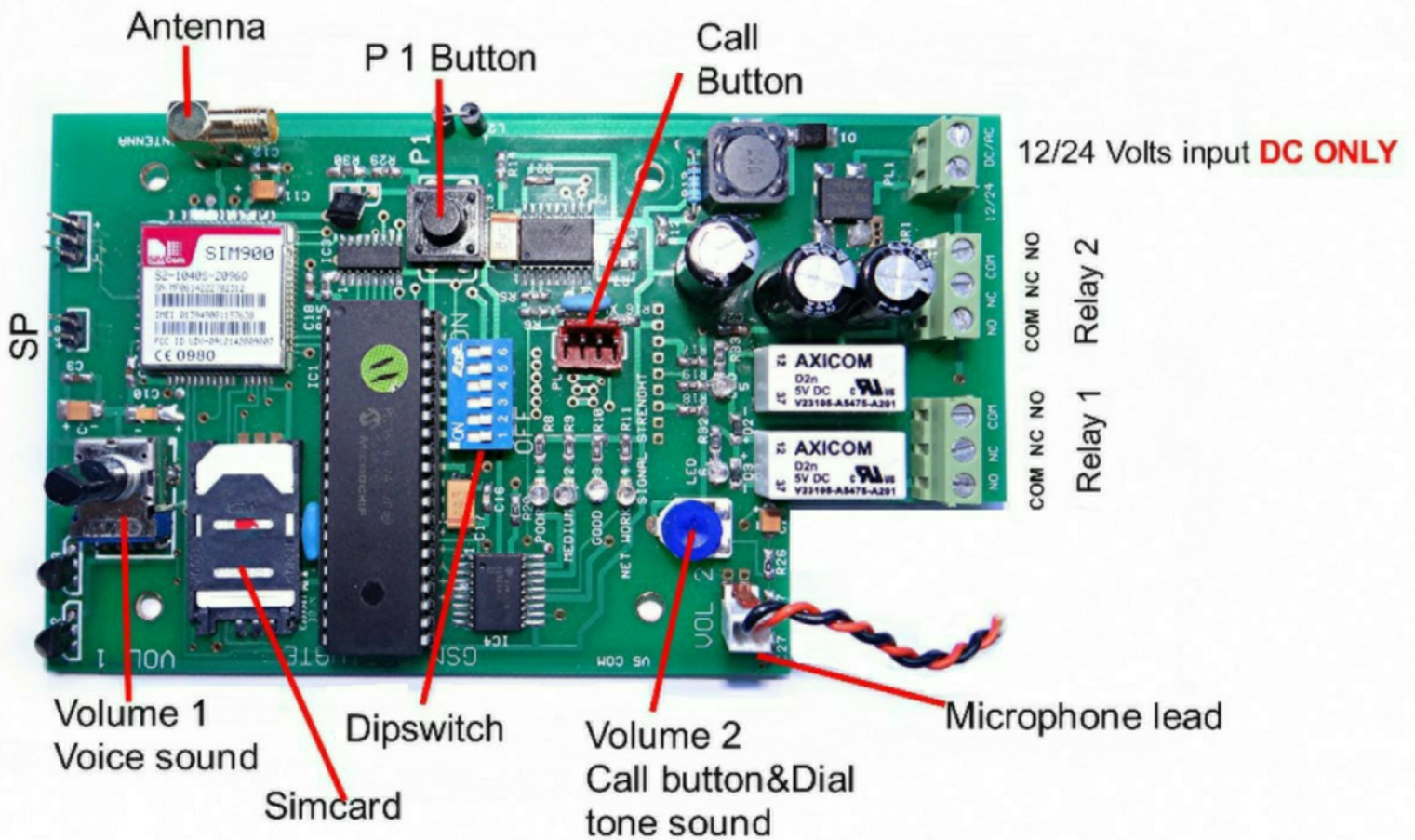
You can also open the gates by dialing the simcard number held within the intercom.

The advantages of this over other systems are that you do not have to leave your 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

- ☐ GSM Frequency: Quad band freq 850/900/1800/1900 MHz
- ☐ Power Supply Voltage: 12 -24 DC
- ☐ Current used in standby mode: 70 Milliamps.
- ☐ Max current 2 amps.
- ☐ Easy Programming via text message.
- ☐ Stainless Steel Vandal Proof Enclosure.
- ☐ Backlit Call button.
- ☐ Standard 2G simcard.
- ☐ No Landline Required.
- ☐ Dimensions L180 x W110 x H70mm.
- ☐ Brushed Stainless Steel.
- ☐ Operating Temperature: -10...+ 40°C
- ☐ Signal strength function.
- ☐ Stay Active Simcard Function.
- ☐ 3 Call points (activated in sequence)
- ☐ Phone list for direct access.
- ☐ Hold gate open feature (Relay1)
- ☐ pedestrian relay or door lock (Relay2)

INSTRUCTIONS



IMPORTANT - PLEASE READ

PLEASE MAKE SURE YOU DISCONNECT THE POWER BEFORE YOU FIT THE
SIMCARD AND YOU PLACE THE SIMCARD WITH THE CLIPPED CORNER
FACING OUTWARDS
PLEASE SEE PICTURE ABOVE.

<u>Volume 1 (Voice)</u>	Adjusts the speaker on the intercom.
<u>Volume 2 (Call button)</u>	Adjusts the level of sound for the call button and dial tone.
<u>P1 button.</u>	To check the signal strength. (Hold down for 4 seconds)
<u>Dipswitch</u>	To adjust settings ref to page 7

Installing your simcard

New SIM cards will need registering before they can be used. Full details of how this can be done can normally be found in the SIM card pack. It will usually require that the SIM card is inserted into a mobile phone, a number dialed and instructions followed. While the SIM is in the mobile phone it would be a good time to disable any PIN codes, call diverts, ring back and disable features such as **voicemail** and **text** alerts. Details of how to do this is found on the SIM card provider's web site or by calling their customer services. Please use one of the following SIM card providers (Vodafone, T-Mobile, O2/Giff Gaff or Orange). We do not recommend using 3 at this present time. Please be advised that if the intercom will be used on a regular basis, we would recommend a contract based SIM card as pay as you go call charges can be as high as 25p per call.

The GSM Gate/Door Intercom has a built in "sim active function" which keeps track of the units activity and if there has been no usage for 6 weeks it will send out a text message to a preset recorded number to keep the simcard alive. This then eliminates the problems of sims being shut down if they are unused for 3 months.

Activate and put credit on your simcard then disable voicemail using the following codes:

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

[Please see page 7 if you wish to keep your voicemail activated](#)

- 1: Slide back the sim door and lift it up.
- 2: Slide the simcard in to the door making sure that the clipped corner of the simcard lines up with the clipped corner of the sim holder.
- 3: Close the sim door.
- 4: Slide the sim door to lock the simcard in place.
- 5: Connect 12v – 24v DC to the input connector as per figure 1.

Once power has been applied (referring to figure 1) the **blue** network LED light will flash once every second whilst searching for a mobile signal. Once it has found one it will then revert to flashing once every 3 seconds.

You can identify the signal strength by the 3 LED's.

Red	Poor.
Amber	Average.
Green	Good.

You can also check signal strength by holding down the P1 BUTTON for 4 seconds.

We strongly recommend that the unit has at least an average signal strength for reliability .

CALL BUTTON INTERCOM ENTRY

When a visitor arrives at your property they will press the call button on the intercom. This will then call the first number stored on your intercom for 13 or 20 seconds dependent on your dipswitch 1 setting. If the call is not answered it will then try the 2nd number and then the 3rd. Once you answer the call you can talk to the visitor at your gate. When you are happy to let them in you can press any number key on your phone to open the gate/ door.

KEY on your phone Press the hash key to open the gate permanently. To close the gate just ring the simcard number. This will reset and close the gate/door. (Relay 1)

* KEY on your phone This will open the pedestrian gate or door lock. (Relay 2)

You only have either 60 seconds or 80 seconds to talk to your visitor before the intercom automatically hangs up the call. (dipswitch setting No4)

To program your intercom list you will need to do the following. (Max 3 numbers)
Send a text message command to the simcard.

Step 1 – (**hash**) (position in your intercom eg 1) (**star**) (then the phone number you want stored) followed by another (**star**). You can have up to 3 numbers.

Example **# 01 * 07713055002 *** – to enter a number to position 1

Example **# 02 * 07895622547 *** – to enter a number to position 2

Example **# 03 * 07895555555 *** – to enter a number to position 3

If you wish to cancel a number use the code - (**hash**) (position) (**star**) (**star**) example below:

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

Note:

You can only send one number at a time. It is important to wait until you receive a text acknowledgment before sending the next number.

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 * _____ *****
#02 * _____ *****
#03 * _____ *****

(Max 3 numbers)

Programming Dial to Open Gate Entry (Caller ID)

You can open the Gate/Door direct from a mobile phone or landline by calling the simcard number. Once you call the number the GSM Intercom will reject the call but will take the command to open the gate/Door.

We have a caller ID function controlled by dipswitch 2. If this is set to ON only the numbers stored on the simcard will be authorized to open the Gate/Door. If it set to OFF there is no caller ID security and any caller can open the gate.

By Texting

You must first enter the telephone numbers that are authorized to use the Intercom by sending a text message with the authorized numbers.

Example: (hash) (01 to 80) (hash) (phone number) (hash)

#01#01798123456# Then send this as a text to the intercom simcard.

#02#01234567890#

#80#01798898765# Max 80 numbers

Note: You can only send one number at a time. It is important to wait until you receive a text acknowledgment before sending the next number.

To delete a number use the code (hash) position (hash) (hash) - example below

#01## Then send this as a text message to the intercom 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 any in the future.

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

(max 80 numbers)

If you do not need authorized numbers you can turn Dip Switch 2 to OFF

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

To open the gate permanently from your phone you can send a text **#OPEN**
To close the gate just ring the simcard number this will reset and the gate will close.

Note:

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

IMPORTANT INSTALLER NOTES

- ☐ When installing the aerial antenna cable please ensure that the cable leaves the back box by the shortest possible route and is not coiled up and left inside the intercom.
- ☐ Do not stick the aerial onto any metal surface. This will degrade the signal strength received
- ☐ Only use the 12 volts DC power supply that is supplied with the kit.
- ☐ Please remove voicemail function from the simcard before installing into the intercom. Major UK network voicemail removal codes are shown on page 4.
- ☐ Before commissioning, please ensure the signal strength is sufficient by holding down the P1 button for 4 seconds. You should receive a **green** LED to indicate a good signal.
- ☐ If you do not receive a good signal, please reposition the aerial antenna to improve the signal strength. Alternatively, change the network provider as signal strength can vary between the suppliers.

Voicemail Settings

Our intercom will skip to the next number if it hits an active voicemail. For example, when the phone is switched off and it goes straight to voicemail. However if the phone rings and then your voicemail answers the intercom will treat the voicemail as a received call and will not skip to the next user. To fix this problem we recommend using the following codes to make sure your voicemail does not answer before the intercom has skipped to the next number.

Example you have P1 set to ON which means it skips to the next number at 13 seconds. You will program your phone for voicemail to answer at 15 seconds.

EE -	**61*0795322222**XX#
O2 -	**61*901*11*XX#
T-Mobile	**61yourownmobilenumberwithnospaces**XX#
Tesco-	**61*905*11*XX#
Orange -	**61*07953100123**X
Giff Gaff -	**61*443*10XX#

In all our examples, the Xxs stand for the number of seconds you'd like the phone to ring for before voicemail kicks in. So replace the Xxs with 30 to enable your phone to ring for half a minute before the call diverts. Most providers allow you to increase the time in 5 second intervals. There are limits as to how long you can make the ring last for. Most providers set a cap at 30 seconds.

DIPSWITCH SETTINGS

<u>1 ON</u>	Call Redirect Time	The intercom calls the first number on the simcard and waits 13 seconds before it tries the next number on the simcard.
<u>1 OFF</u>	Call Redirect Time	The intercom calls the first number on the simcard and waits 20 seconds before it tries the next number on the simcard
<u>2 ON</u>	Caller ID	Only numbers stored on the simcard can open the gate.
<u>2 OFF</u>	Caller ID	No security and any caller can open the gate.
<u>3 OFF</u>	Gate Relay	The gate relay will stay on for 2 seconds.
<u>3 ON</u>	Gate Relay	The gate relay will stay on for 4 seconds.
<u>4 ON</u>	Auto Hang-Up Time	The system doesn't leave calls open it has an auto "hang-up" time of 60 seconds.
<u>4 OFF</u>	Auto Hang-Up Time	The system doesn't leave calls open it has an auto "hang-up" time of 80 seconds.
<u>5 N/A</u>		
<u>6 N/A</u>		
<u>P1 Button</u>	Signal Test	Hold the P1 button down for 4 seconds it will display the signal strength on the 3 LED's.

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