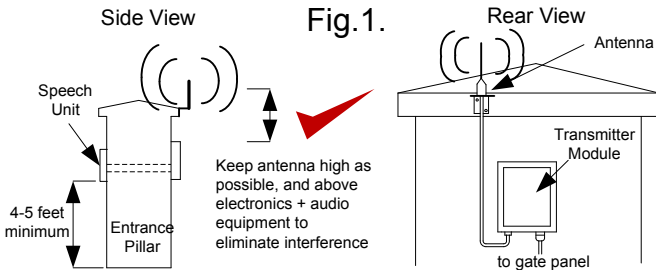


# Installation Manual

## for GSM3E-S & SK Wireless GSM Intercom System

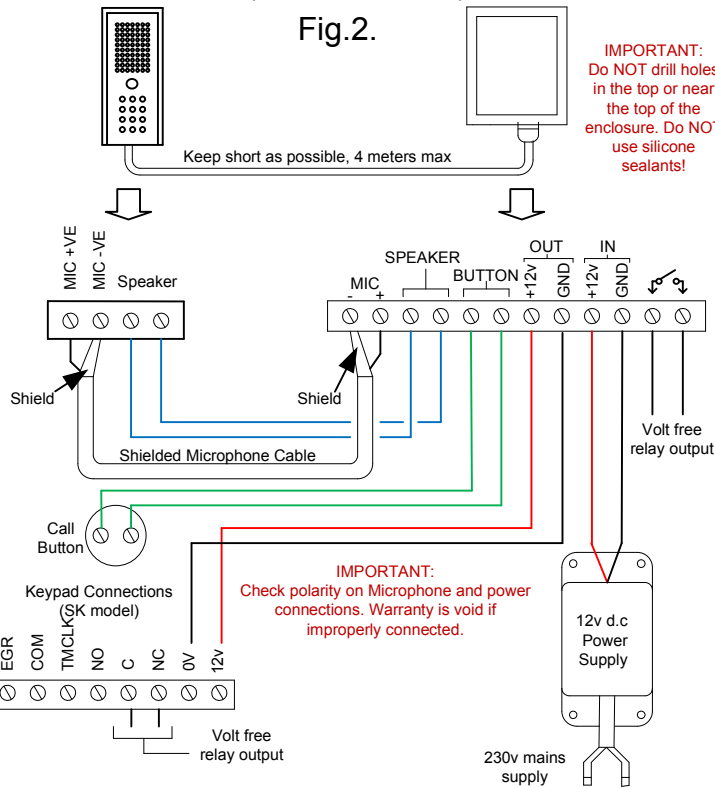
### Installation

- 1) Before you install this equipment, please read this full manual.
- 2) Ensure that there is good network reception at the location where it will be installed.
- 3) As per Fig 1, install the speech panel on the front of the pillar.
- 4) Install the antenna as high as possible on the top of the pillar to ensure line of sight in all directions for best possible reception.



### Wiring

- 5) Use multi-core cable between the speech panel and transmitter, and the screened coax cable provided for the microphone.

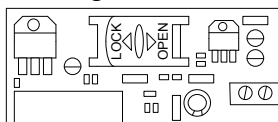


### Installing SIM card

- 6) Before installing SIM card, switch **OFF POWER**, ensure that the card has been registered, activated, and has some calling credit. Check it works in a mobile phone first.

**Fig. 3.**

**IMPORTANT:** The SIM card holder is FRAGILE. Do NOT force. Do NOT use a screwdriver.



**WARNING:** Installing or removing the SIM card without first switching off the power will cause damage to this unit!

- 7) Carefully slide the SIM holder door in the OPEN direction as shown in Fig 3. Slide the SIM card into the holder, and close the door, sliding it in the LOCK position.

- 8) After a final check of wiring, switch on the power to the system. There are 2 LED indicators on the module. 1 is for power, and the other is for GSM network detect.

Please allow 20-30 seconds for the unit to boot up and detect the network. Once successful connection has been made, the unit will sound a confirmation tone and the status LED will begin flashing. If there is a fault or problem, the unit will emit a series of bleeps or warning tones.

### Programming

- 9) Call the SIM card telephone number. The device will answer the call and you will hear a bleep.
- 10) Enter programming mode by pressing..

\* 1 2 \* 1 2 3 4 # (1234 is default password)

A successful pass code will produce a single long tone. A failed attempt will produce 3 short bleeps.

- 11) You may now program up to 3 telephone numbers into memory for the unit to dial when the call button is pressed.

1 1 Enter 1<sup>st</sup> telephone number here #

1 2 Enter 2<sup>nd</sup> telephone number here #

1 3 Enter 3<sup>rd</sup> telephone number here #

- 12) It is recommended to change the "no answer" time if there is more than 1 number stored. This stops the unit ringing a number after a set time, and can be used to prevent voicemail answering the call.

5 2 ? ? #

(?? = 10-99. This is 10-99 seconds and may need to be adjusted. Default = 20 seconds)

### Additional Features...

- 13) The following list contains the complete list of parameters that can be set by programming..

Change programming password (default 1234)

0 1 \* ? ? ? ? #

Change output relay N/O or N/C (N/O=1, N/C=2, default = N/O)

? #

Microphone volume (? = 1-4, default = 3)

4 ? #

Speaker volume (? = 1-4, default = 3)

3 ? #

Relay activation time

(? = 1-9, default = 1. Note 1=0.5sec)

5 1 ? #

Change relay activation key

(? = 1-9, \* or #, Default = \*)

6 1 ? #

Max call time (?? = 05-99, default = 60)

5 3 ? ? #

Restore Defaults

9 9 9 #

### Access Control by Phone

- 14) The 3E range can allow users to gain access from their mobile phone by two methods, 1 – Caller ID recognition to open the door or gate at no call cost to the user, and 2 – by password mode.

For this feature, use the following commands to program the unit...

Add a number (up to 100 numbers)...

7 2 Telephone number #

Delete a number...

7 3 Telephone number #

To delete all numbers...

7 3 \* #

Insert international country code (1-3 digits)

7 1 Country code #

Any numbers programmed will now automatically open the gate/door when they ring the intercom SIM card number.

Change access control password for telephone numbers not stored... (default 5678)

0 2 \* ? ? ? ? #

### Keypad Programming (SK model only)

For most installations, it is sufficient to add a single keypad code for all users. On the keypad, enter...

0 0 0 0 \* The unit is now in programming mode. Sounder & LED will pulse

1 ? ? ? ? # ??? is your new user code.

Changing Programmers Code...

0 ? ? ? ? # While in programming mode, enter the sequence shown. 0 is the location of the master code. ??? is your new master code.

\* is to exit programming mode.

### Operation and Testing

- 15) Press the call button on the speech panel. You should hear a tone. The unit will ring the first telephone number programmed.

- 16) Answer the call and check for two way voice. Activate the relay by pressing the \* key and hang up.

- 17) To open the gate/door by password, ring the unit. If the number is not stored in the access control section, then the unit will answer the call. Enter \*33\* password # to activate the relay (default password = 5678).

# SELF INSTALL - NEED TECHNICAL ASSISTANCE?

## OPTION 1: DIRECT WITH THE SERVICE DESK – QUICKEST AND MOST EFFECTIVE METHOD

Submit your enquiry direct with the service desk at – [service@automaticsolutions.com.au](mailto:service@automaticsolutions.com.au)

The service desk has the most experienced staff in Australia to help with your problem but they need your help.

- Describe your problem in detail and as clearly as possible. Don't forget to include a telephone number.
- Be certain to detail which model or models of you are working with.
- Send photos of the installation – they love photos. The people at the service desk are good but they are even better when they can see the installation. Send photos of the overall scene so they can see the entire installation. Also send photos of the wiring to the control board and any other part of the installation you think is relevant.
- Send video if appropriate. Smartphone's these days take remarkably good video in small file sizes which can be emailed in a moment. If your problem needs a video to show the issue please feel free to send it.

**NOTE: THIS IS BY FAR THE FASTEST AND MOST SUCCESSFUL WAY TO SOLVE YOUR PROBLEM  
PHOTOS AND VIDEOS ARE THE NEXT BEST THING TO BEING THERE**

## OPTION 2: LODGE YOUR ENQUIRY LOCALLY - SLOWER BUT CAN STILL BE EFFECTIVE

Make contact with the store of purchase. Branch staffs are typically not technicians and dependent on their length of service will have varying degrees of technical knowledge. If they cannot help however they will certainly either source help locally from their technicians or make contact with the service technicians on your behalf.

## OPTION 3: SERVICE CALL WITH AUTOMATIC SOLUTIONS TECHNICIAN – SLOWEST METHOD

If you fall within the local branch service area it may be possible to book a local technician to look at your installation. Wait times will vary dependent on local workloads. The cost is a service fee which includes the first half hour and the hourly rate thereafter. If any Automatic Solutions provided parts are found to be defective and within warranty these will be provided free of charge.

(NOTE: If you suspect that any parts are defective and within warranty you may wish to consider option 4)

*A note on this option: If you decide on this option you will be asked to sign an "authorisation to proceed" which will provide legal authority and payment security. This form has three options available of which only the first two are available to you. The third option is for warranty repairs only for full install customers. Self install customers requiring warranty only service need to refer to option four below.*

**IMPORTANT: IN SHORT THIS OPTION WILL INCUR CHARGES**

## OPTION 4: RETURN THE PRODUCT IF BELIEVED TO BE FAULTY

As a self install customer who has purchased product if you believe the product to be faulty rather than an installation or site problem you have the option of returning the product for evaluation and to exercise your right to a replacement, repair or refund as applicable. All returned product is forwarded immediately to the service technicians for evaluation and response. There are two main methods available to return product –

- Direct to the service centre – this is the quickest method as it cuts out the branch delay
- Via the branch of purchase – slower because of the delay at the branch

When choosing this option you need to complete a product return form. This form gives you all the information on procedure involved and where to send to. These are available at the branch of purchase, can be emailed to you (contact your branch), or available here - <http://automaticsolutions.com.au/page/warranty.php>