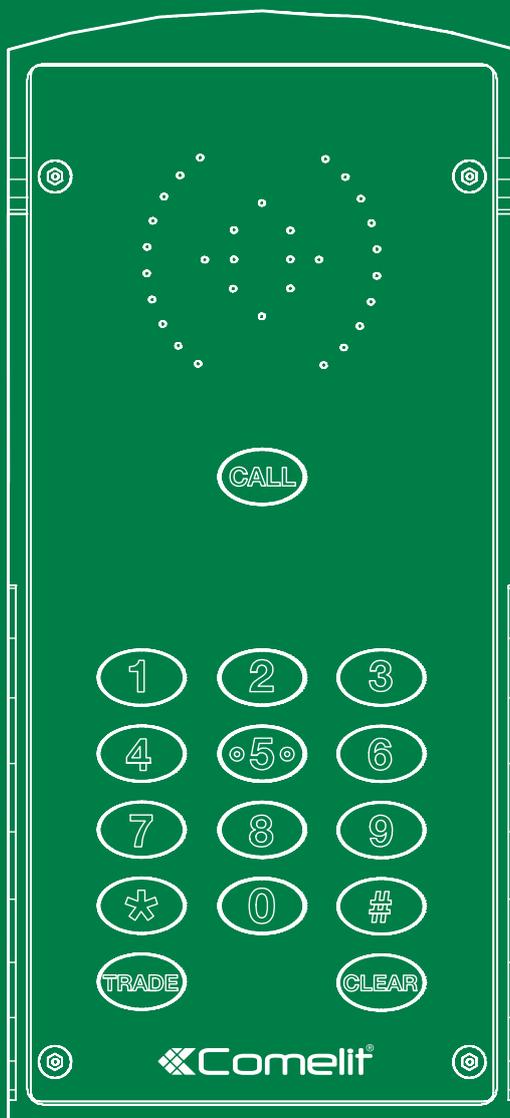


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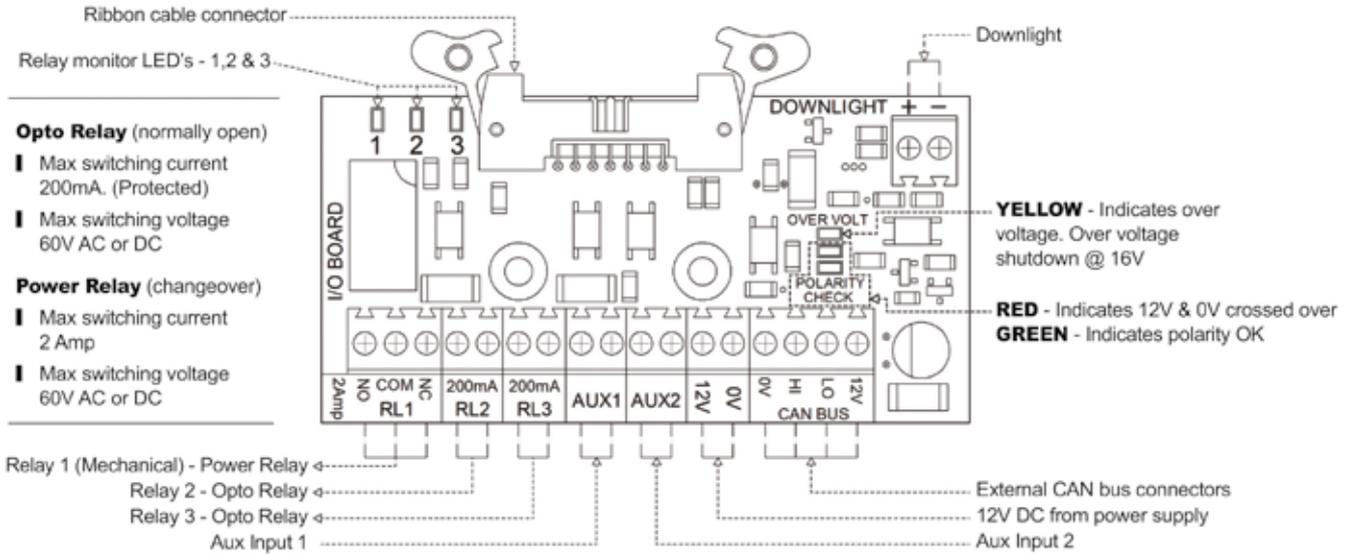
4G GSM INTERCOM

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Passion. Technology. Design.

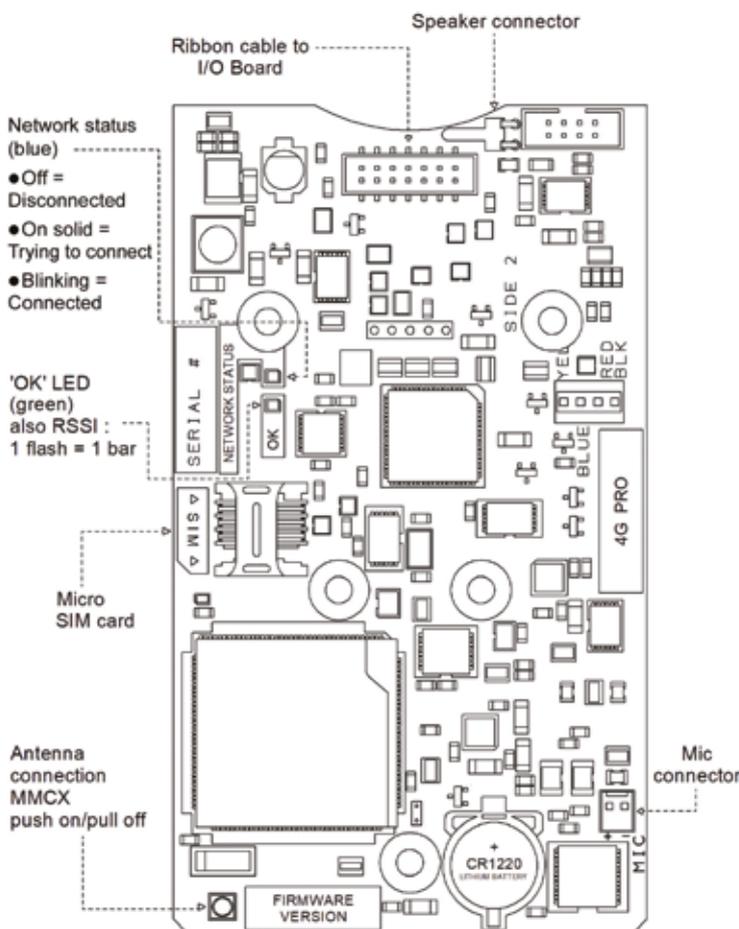
4G GSM I/O Board connections



A SITE SIGNAL NETWORK TEST IS TO BE UNDERTAKEN BEFORE INSTALLATION



4G GSM PCB connections



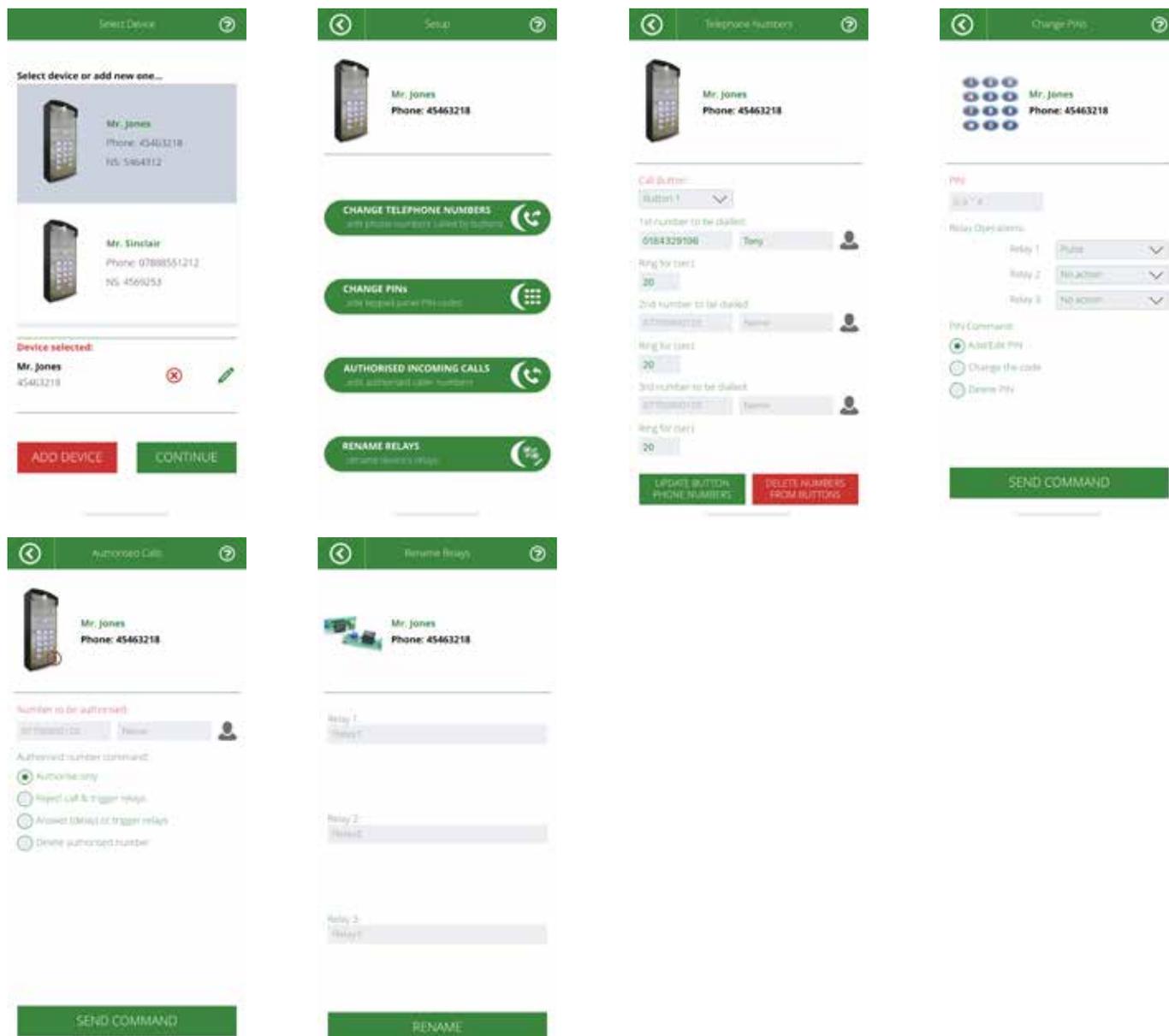
Installation tips

- Use the positioning template for the siting of the mounting holes.
- Ensure the unit is sealed to prevent water ingress.
- Use electronic grade silicone to seal around all rear entry holes.
- Ensure aerial and power leads have a loop before entering the back of the unit to prevent water ingress along the cable.
- Use the black plastic gland M20 x 1.5mm, std electrical thread to secure the power and aerial leads.
- If drilling out the backbox or steel posts, no metal filings must be left in the backbox. the speaker has a magnet and may attract metal filings. Brush out the back box of all debris before screwing in the faceplate.
- Do a 4G Gsm signal test with a Gsm analyser to ensure installation of the best sim card.
- Ensure the unit is turned off before inserting/removing the sIm and plugging in/unplugging the aerial.
- LED status lights: Green OK LeD is dual purpose. It shows OK. It also shows the signal strength (Rssi) i.e. the number of flashes indicates the number of bars.
- The blue LeD is the network status LeD.
- Use the faceplate parking slot for ease of installation.
- We strongly recommend the PIN Defaults are changed at the point of installation.



The 4G aerial is an external item that should be installed in the most suitable position so that maximum signal strength is obtained.

This positioning should also allow for avoidance of any likely vandalism as is able.



Additional manual SMS commands

- Where you see **SERIALNUM** in the command alert, replace with the **SERIALNUM** of the panel to be programmed.
- Text the commands to the 'tel number' associated with the panel you wish to program.
- **Activate Timed Trade Button**
to set up the trade button 07:00 to 17:30 Mon-Fri, first set the time Profile by sending **SERIALNUM profile 1 start 07:00 end 17:30 days Mo tu We th Fri**
And then set the trade Button to use it by sending **SERIALNUM trade periods 1 relay 1 pulse**
- **Deactivate Timed Trade Button**
To turn off the trade Button, send the command **SERIALNUM delete trade**
- **Activate Aux Input 1 Triggered SMS Alerts**
To set up SMS alert when aux input 1 is triggered for more than fifteen minutes and send the message to 'tel number'.
SERIALNUM alert 1 aux 1 delay 900 send 'tel number' msg Your gates have been open for 15 minutes
- **Deactivate Aux Input 1 Triggered SMS Alerts**
To turn off the aux input 1 sMs alert, send the SMS command **SERIALNUM delete alert 1**
- **Activate Recurring SMS Alerts**
To set up sMs alert which is sent at regular six monthly intervals, starting on the 20th of November at 2.30pm and sending the SMS to 'tel number', send the sMs command
SERIALNUM alert 5 recur every 6 months next 20/11/2019 14:30 send 'tel number' msg Your gates are due for servicing
- **Deactivate Recurring SMS Alerts**
To turn off the recurring sMs alert, send the SMS command **SERIALNUM delete alert 5**
- **Check the Signal Level**
To find out the mobile phone signal level of the panel, send the sMs command **SERIALNUM get signal** and wait for the reply

How does the system work?

- The Comelit 4G GSM Intercom is designed to ring your phone of choice once the relevant property button has been pressed on the external unit. You will receive a normal telephone call on your landline or mobile, and the number that appears on the screen (where applicable) is the unit telephone number and can be stored as "door/gate" for future reference.
- Answer the call as normal, and once you have confirmed the identity of the visitor you simply press the # key (by default) and this will trigger the operating equipment. You should hear a tone down the line confirming this has been accepted and the call will be dropped, or if you do not wish to allow the visitor access, simply hang up the call.
- If you have multiple entrances that need controlling, you can enter a different command on your telephone keypad to trigger the alternative equipment.

Default commands and PIN codes

- The following list confirms the default Access tones and PIN Codes that are pre-programmed into your Comelit 4G GSM Intercom system at the point of installation.

ACCESS TONES What is pressed on the telephone keypad to allow access:	PIN CODES What is pressed on the coded entry keypad (where fitted) to gain access:
# Pulses Relay 1	*1111 Pulses Relay 1
1# Pulses Relay 1	*2222 Pulses Relay 2
2# Pulses Relay 2	*3333 Latches Relay 3
3# Latches Relay 3	*6666 Unlatches Relay 3
6# Unlatches Relay 3	WE STRONGLY RECOMMEND THE ABOVE PIN CODES ARE CHANGED AT THE POINT OF INSTALLATION.

Coded entry access

- If a coded entry keypad is fitted, you can programme in various PIN codes to trigger the operating equipment. Please refer to the default PIN code chart above.

Authorised dial in

- The Comelit 4G GSM Intercom system can be programmed with Authorised Dial-In numbers. If your number has been programmed into the system, you can ring into the intercom and trigger the operating equipment where necessary. Please contact your Installer should you wish to set this facility up.

Text commands

- You can send a text message to your Comelit 4G GSM Intercom to request a specific operational command. the default words are: **Open**, **Latch**, **Close**. the words are not case sensitive but must be spelt as shown. the words create the following actions: **Open** sends a pulse command / **Latch** sends a "hold open" command or energises the relay / **Close** unlatches or de-energises the relay.
- The Comelit 4G GSM Intercom system will send a confirmation text message back to your phone charged at your standard network rate. If you would like the response messages deactivated, please contact your Installer.

Are there any custom settings I need enabled for Comelit 4G GSM Intercom to work?

- **DTMF TONES** Dual tone Multi Frequency: this must be enabled on any phone receiving a call from the Comelit 4G GSM Intercom system as it generates the tone which triggers the operating equipment. Please check with your phone manufacturer of choice to ensure DTMF tones can be enabled.

What if I need to change a setting or number?

- The Comelit 4G GSM Intercom system can be remotely configured by your installer.

What happens if I'm on the phone when a visitor arrives?

- We recommend enabling "Call Waiting" on your phone so you can see the additional call coming through. You can then put the original call on hold to answer the intercom, or it can be ignored. If your phone creates an engaged tone, the Comelit 4G GSM Intercom will automatically divert to the next number where applicable.
- If voice-mail is enabled, the system is unable to divert once this has answered. the visitor can leave a message or cancel the call by pressing the "Clear" button.

CERTIFIED MANAGEMENT SYSTEMS



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