

FITTING AND OPERATION OF THE VILLA INTERCOM



GENERAL POINTS

The villa intercom is a pushbutton intercom (with backlit labels) that works with the GSM/3G network. It can call both landlines and cell phones. The entrance door can be opened in 3 ways:

- From the phone that receives the intercom call.
- With one of the 2 remote controls provided.
- By calling the intercom (Mobile Key function)

This intercom can control up to 2 entrances thanks to 2 NO-NC-type relays. The 2 remote controls provided are pre-programmed so you can check the cabling of your relays as soon as your installation is switched on.

To configure the numbers to be called, log on to the following website with the phone number of your villa intercom:

<http://www.myintratone.com>

On the website, you can also access the following features:

- Configure new remote controls.
- Set a code (this feature is available with the villa intercom '1 callbutton + 9 button keypad' model).
- Program time slots.
- Set the volume of the intercom.
- View log-events (calls, remote controls, codes, etc.)
- Activate automatic answering (no need to press 0 to speak).
- Set time delay.
- Add a new HF receiver managed by the intercom remote controls (only compatible with INTRABOX ECO HF models).

If your intercom is in a residence where several Intratone products are in operation, you can also register it on this website <http://www.intratone.com> in the 'management website' tab.

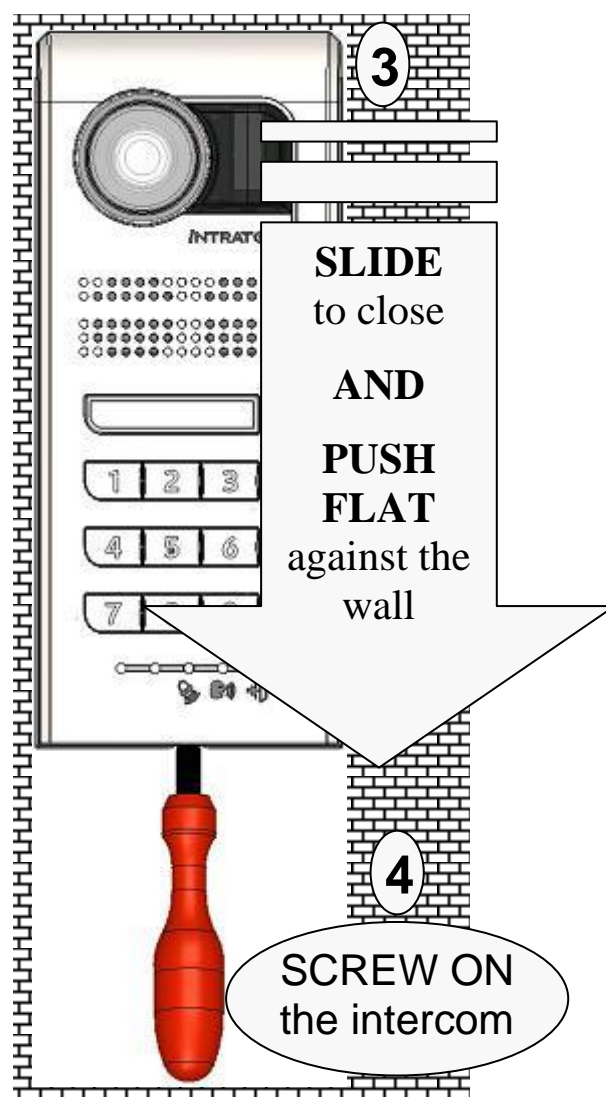
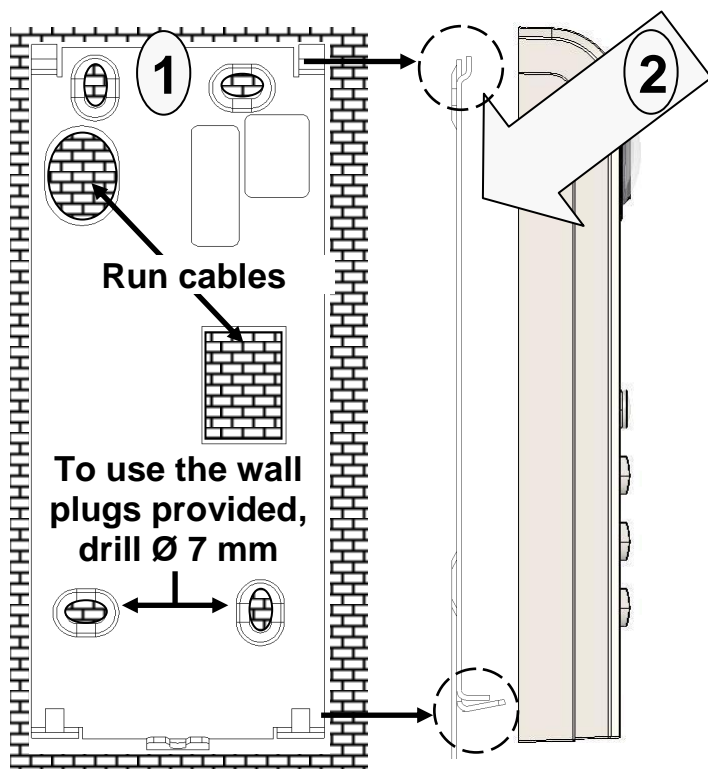
Note that this action is irreversible and a villa intercom that has been registered on www.intratone.com cannot be registered on www.myintratone.com and vice versa.

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DIMENSIONS AND MOUNTING

A) SURFACE MOUNTED - FIXING



- 1 : Fix the mounting bracket.
- 2: Hook the intercom onto the anchor points.
- 3: Slide and push the intercom flat.
- 4: Screw.

Same procedure for mounting the villa Intercom.

1 to 4 following buttons:



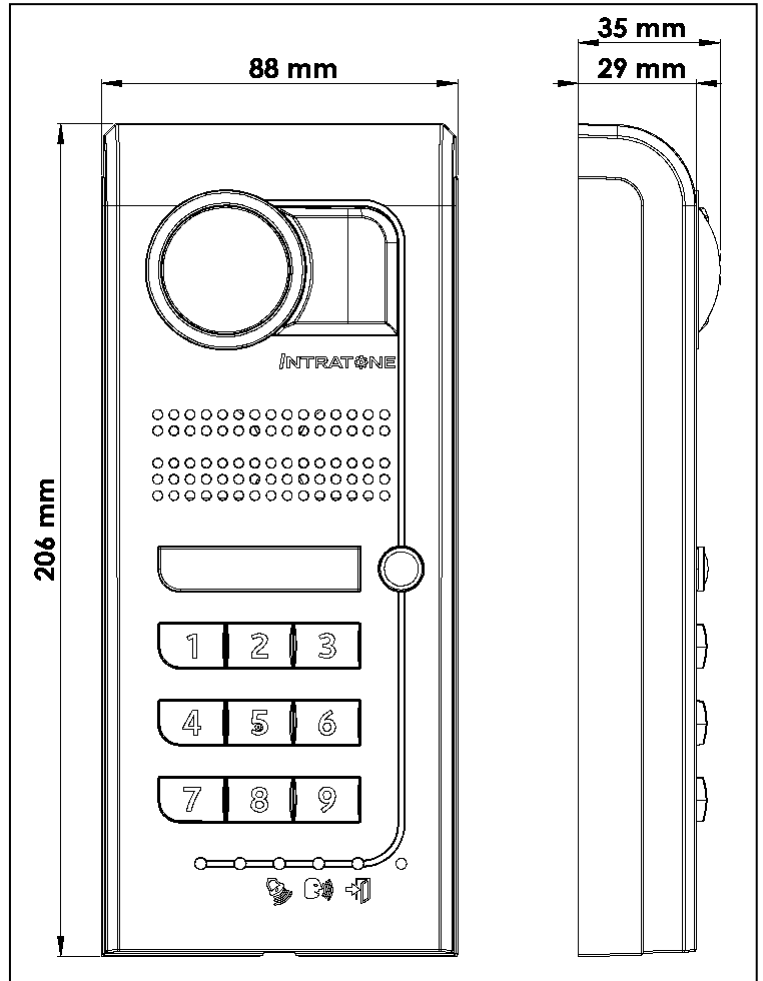
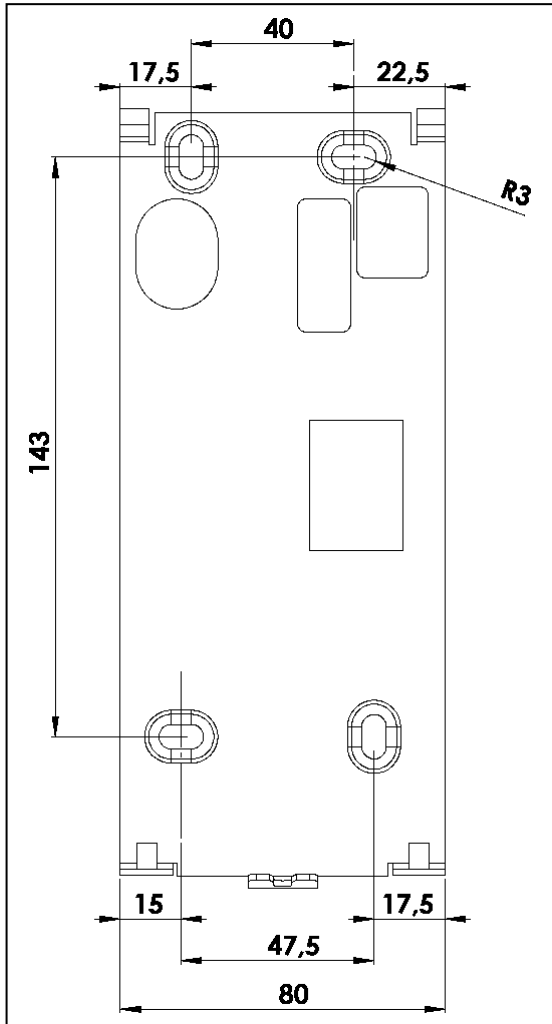
Make sure cables are not pinched by the box!

They might get cut through when you tighten.

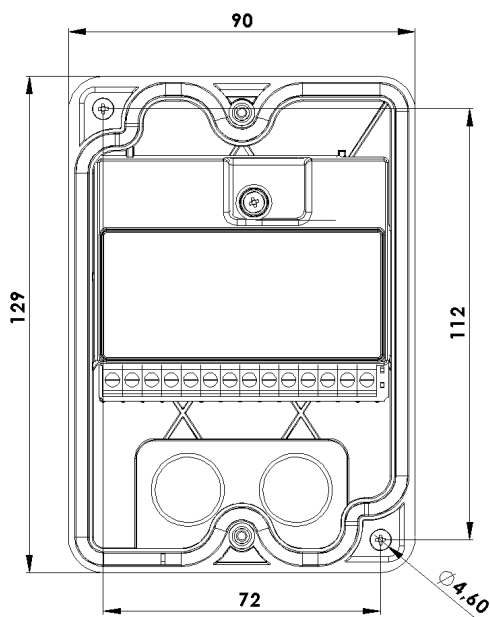
Remember to run the cable in a gooseneck shape as close as possible to the terminal

B) SURFACE MOUNTED - SIZE

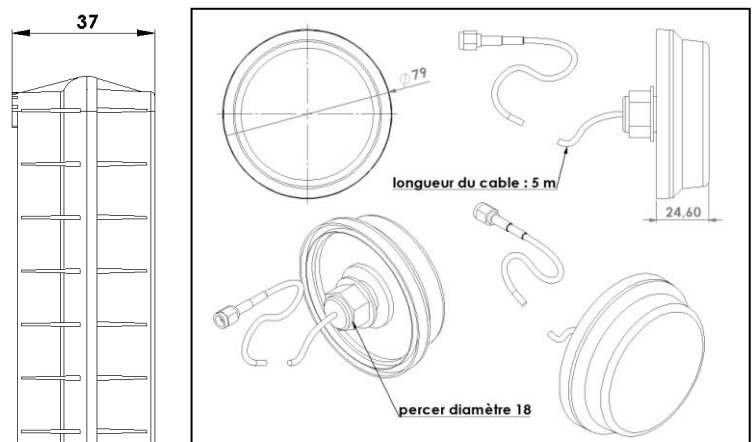
Intercom



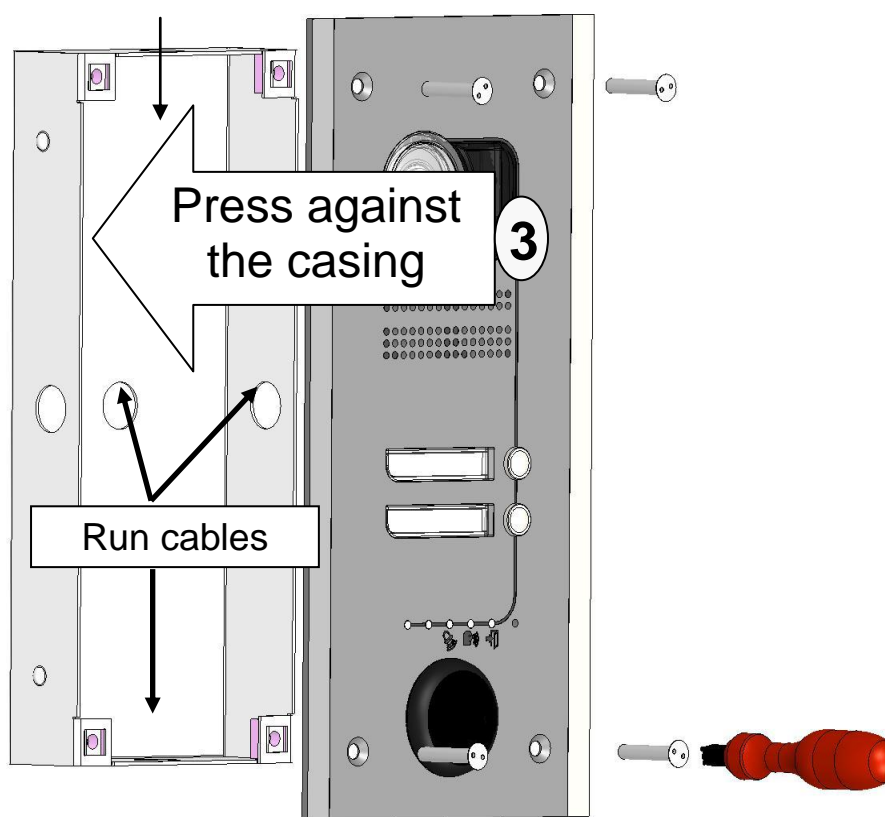
Relay card/HF receiver



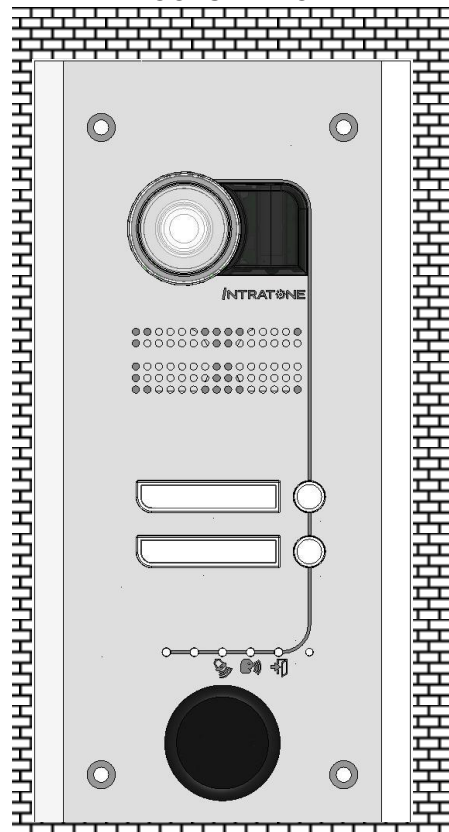
External 3G antenna



c) **FLUSH MOUNTED - FIXING**

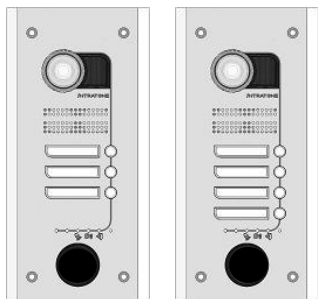


WHAT IT LOOKS LIKE ON THE WALL



- 1: Prepare the recess in the wall to receive the casing.
- 2: Put the casing into the wall and fasten.
- 3: Push the intercom into the casing and screw to fasten.

Same procedure for mounting the villa Intercom. at 3 and 4 the following buttons:

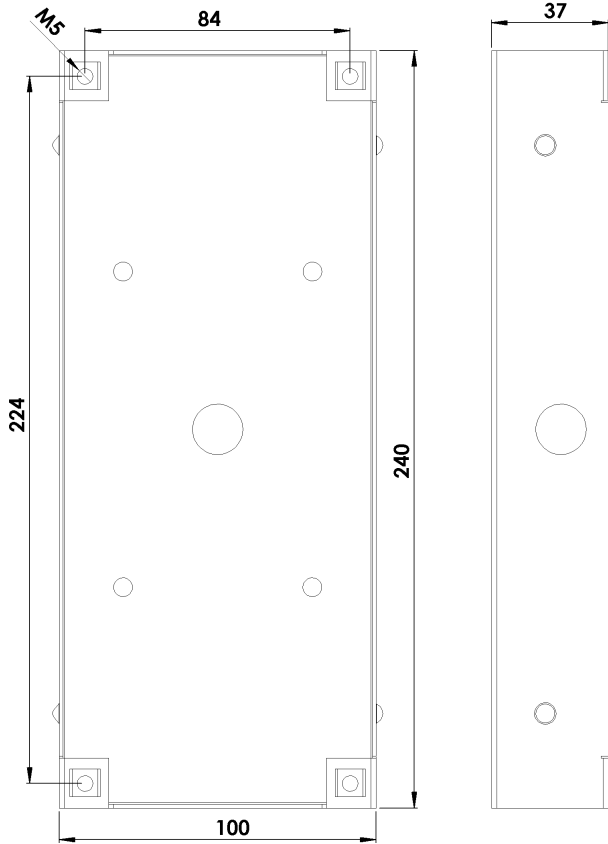


**Make sure cables are not pinched by the box!
They might get cut through when you tighten.**

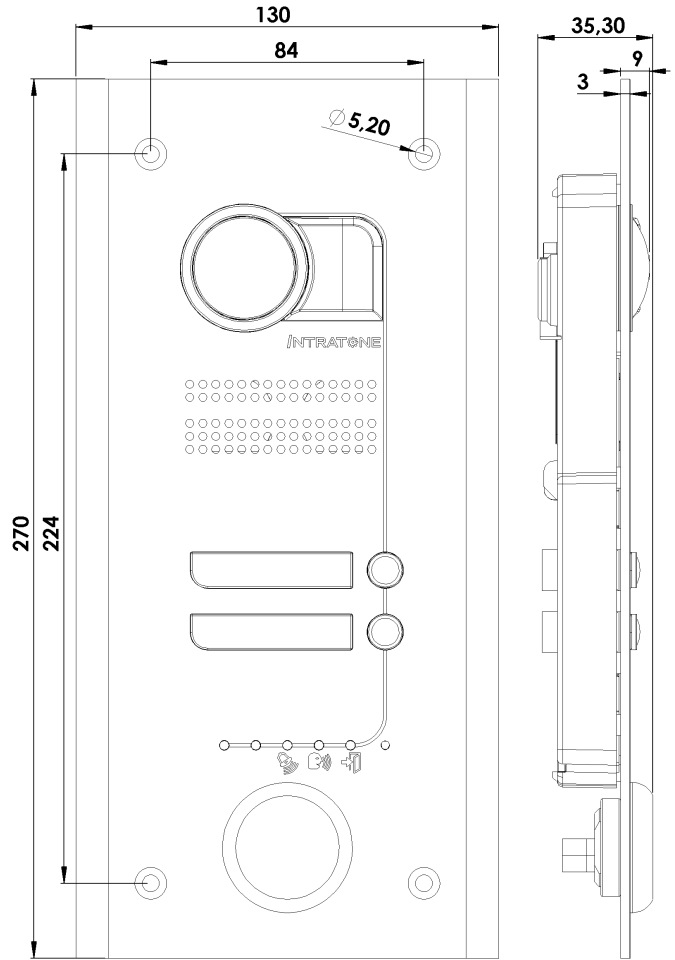
Remember to run the cable in a gooseneck shape as close as possible to the terminal

D) FLUSH MOUNTED - SIZE

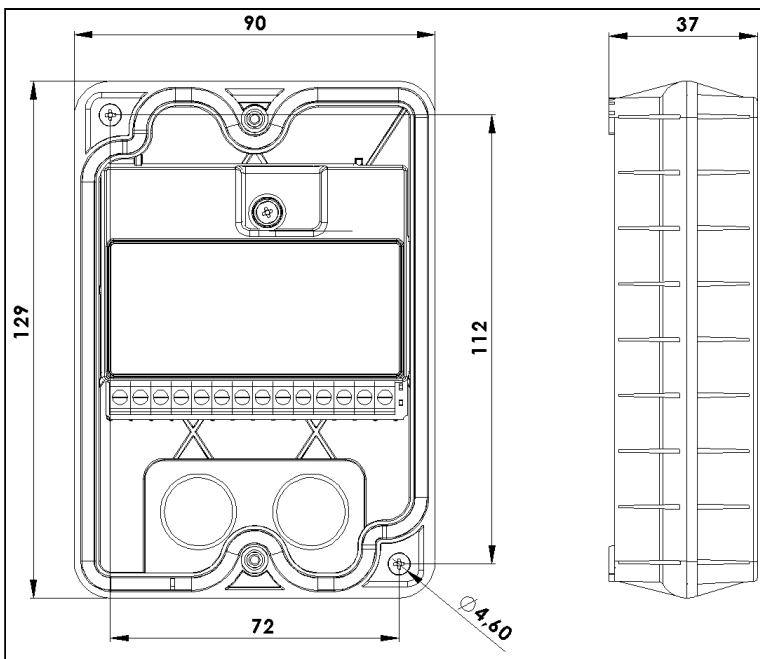
Casin



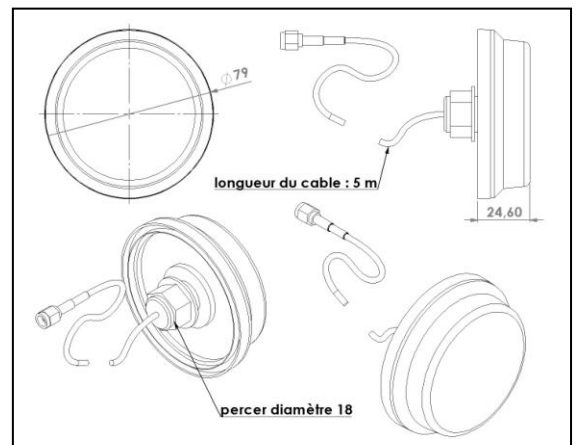
Intercom



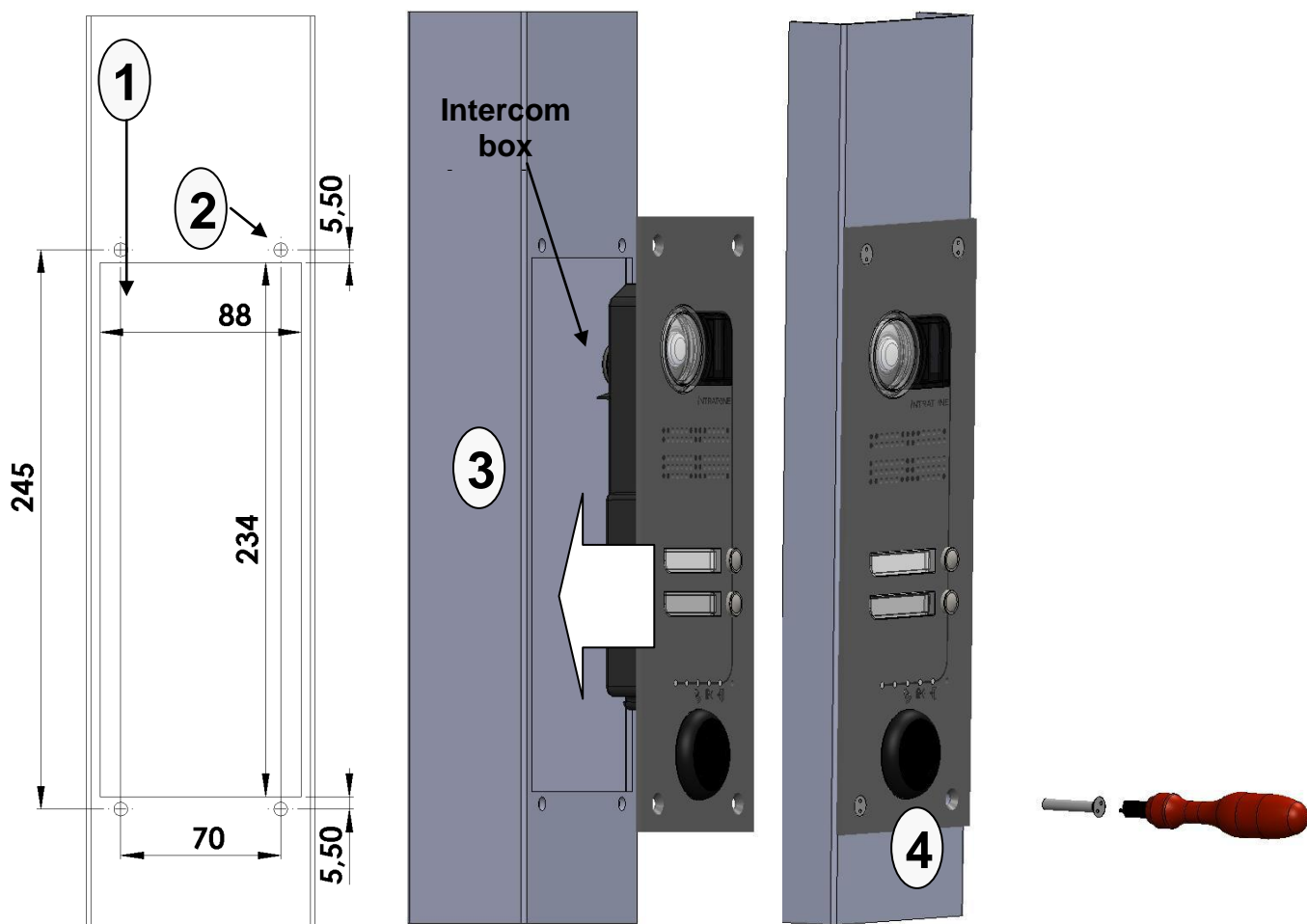
Relay card



External 3G antenna



E) MOUNTED TO A POST - FIXING



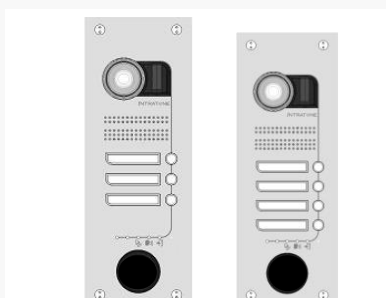
1: Cut out a space for the box housing in the post.

2: Drill \varnothing 6 mm hole or tap M5 thread.

3: Press the intercom into the housing.

4: Screw it to the post.

Same procedure for mounting villa Intercom.
at 3 and 4 the following buttons:



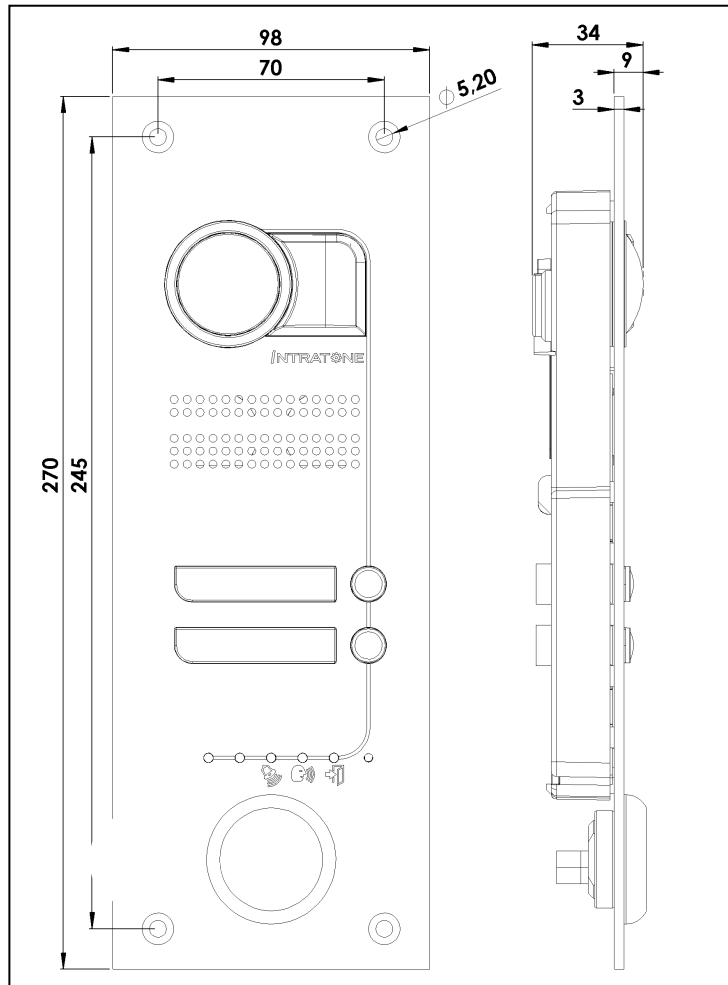
Make sure cables are not pinched by the box!

They might get cut through when you tighten.

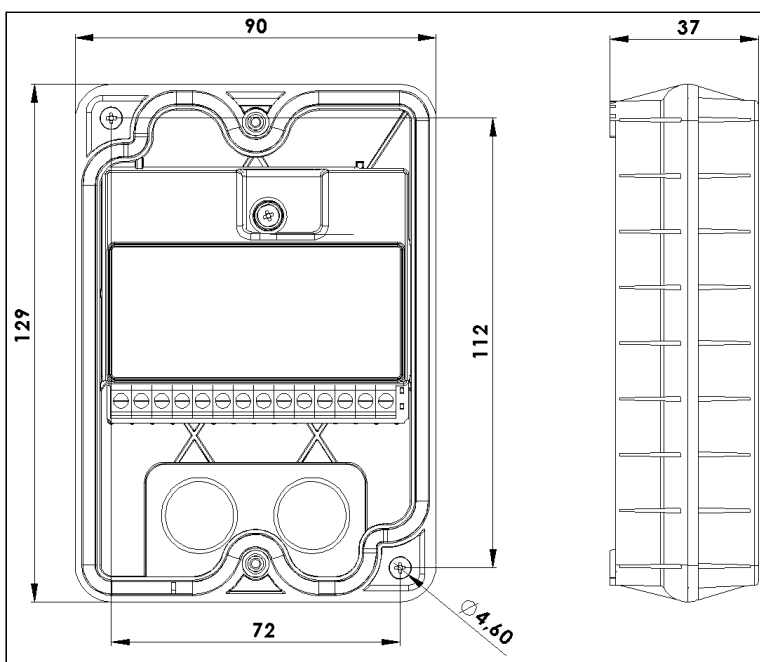
Remember to run the cable in a gooseneck shape as close as possible to the terminal

F) MOUNTED TO A POST -SIZE

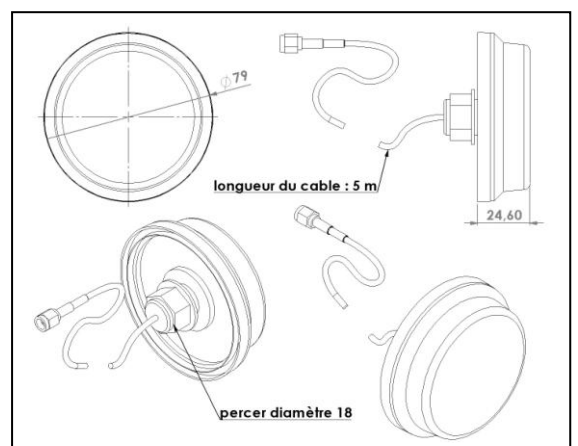
Intercom



Relay card

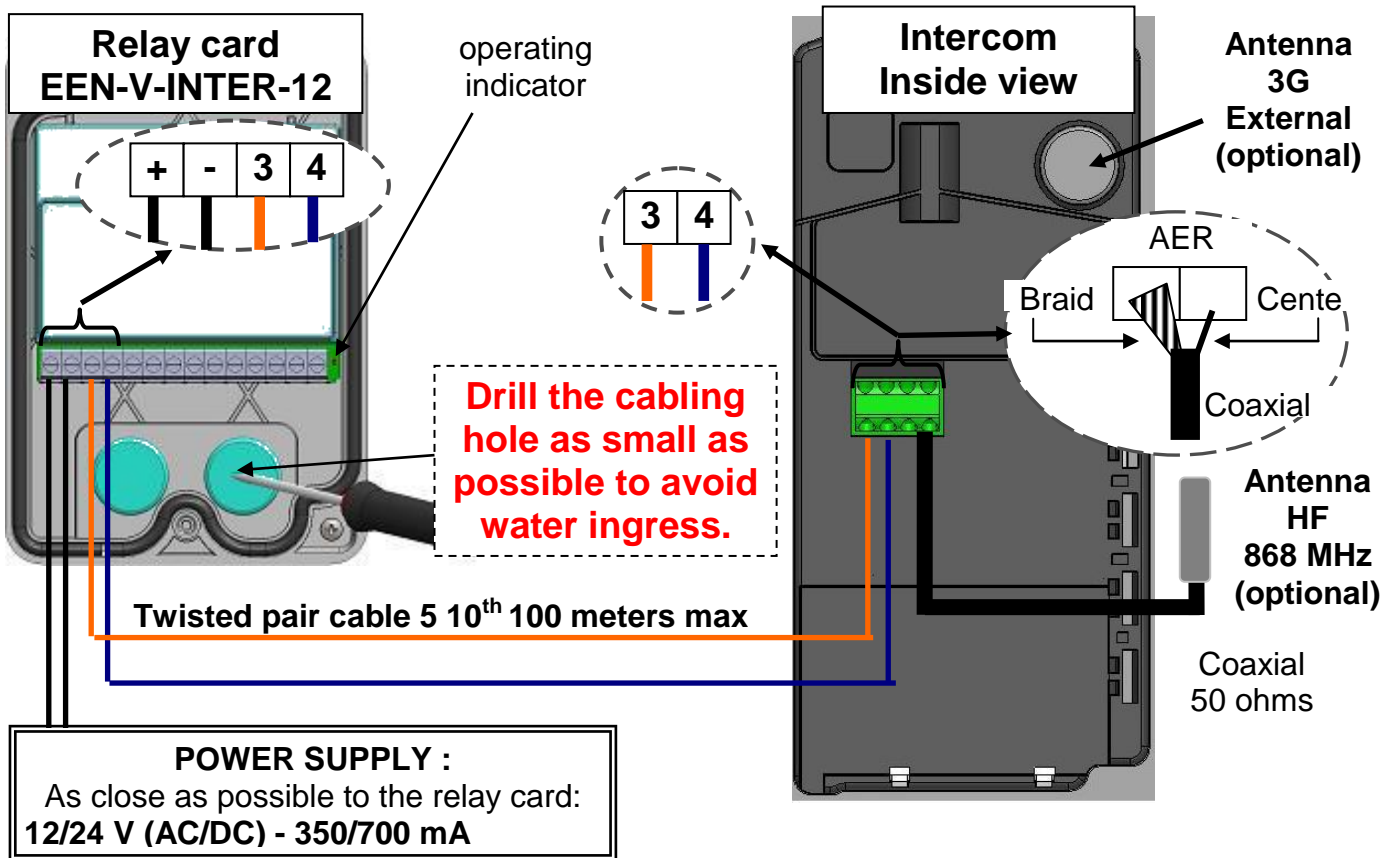


External 3G antenna

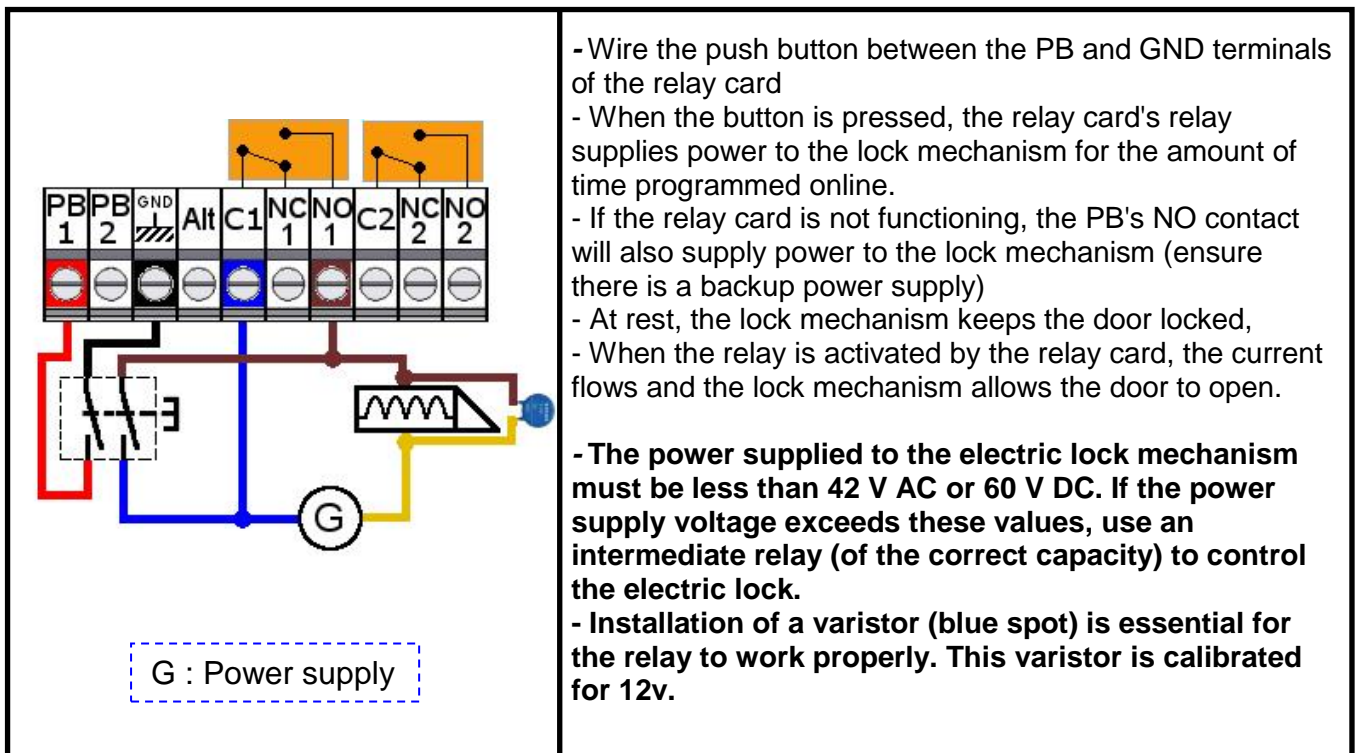


CABLING

A) CABLING OF INTERCOM AND THE RELAY CARD



B) CABLING OF AN ENTRANCE OR DOOR FITTED WITH AN ELECTRONIC LOCK MECHANISM



C) CABLING OF A DOOR FITTED WITH A MAGNETIC LOCK

G : Power supply

- Wire the push button between the PB and GND terminals of the relay card
- When the button is pressed, the relay card's relay cuts off power to the magnet for the amount of time programmed online.
- If the central unit is not functioning, the PB's NC contact will also cut off power to the magnet.
- At rest, power is supplied to the magnet and it keeps the door locked,
- When the relay is activated by the central unit, the magnet's power supply is cut; the magnetic lock opens the door.
- **The power supplied to the electromagnet must be less than 42 V AC or 60 V DC. If the power supply voltage exceeds these values, use an intermediate relay (of the correct capacity) to control the electric lock.**
- **Installation of a varistor (blue spot) is essential for the relay to work properly. This varistor is calibrated for 12v.**

D) ALARM INPUT CABLING

- The alarm contact should be wired between the Alt and GND terminals of the central unit.
- If the contact is triggered, an email alert is sent after a pre-programmed period of time has elapsed
- The type of contact can be NO or NC
- All the alarm settings can be configured on the website www.myintratone.com in the menu: 'Configure my advanced settings'.

E) CABLING THE ANTENNA

If the intercom is fitted in an area with bad 3G reception, you can connect the external 3G antenna provided with this kit.

- **You do not have to use the external antenna.**
It allows you to connect to the 3G network wherever reception is best.

- 1: Remove the cable pass-through.
- 2: Flick the switch down
(Position with external antenna)
- 3: Screw in the external antenna cable.
- 4: Position the antenna high up.
- 5: Test by making a call.

EQUIPMENT CONFIGURATION

A) **CONFIGURING ON THE WEBSITE WWW.MYINTRATONE.COM**

Most of the programming for the villa intercom is done on the website www.myintratone.com, **To be able to configure your equipment, you need to have your intercom's 10-digit telephone number.** *The villa intercom telephone number is given in the End User's Manual).*

The website myintratone.com has 5 sections:

➤ **Add, modify my phone numbers**

This menu allows you to enter the phone numbers to be called from the intercom. Up to 10 numbers can be programmed for each button. You can also designate whether the phone is Visio-compatible or not and set time slots.

➤ **Add, modify my remote controls**

This menu lets you configure the remote controls that give access. This is also the menu where you can set your Mobile Key (this feature allows you to give access via your phone). Finally, if you have the villa intercom '1 call button + 9 button keypad' model, you can set your keypad codes here.

➤ **View log-events**

This menu lets you view phone numbers called from the intercom, the remote controls and Mobile Key, as well as the codes entered if you have the villa intercom '1 callbutton + 9 button keypad' model.

➤ **Configure my advanced settings**

This menu lets you control several features:

- Adjust the volume on the intercom handset.
- Set the time lapse before the intercom hangs up after opening.
- Set the password to access the website www.myintratone.com
- Email alerts
- Time delay for door opening.
- Time ranges for the intercom, the remote controls and the keypad codes.
- Activate automatic answering (no need to press 0 to speak).

➤ **My set-up**

This menu lets you designate which entrances are controlled by the relays and you can also configure a HF (06-0101-EN) kit if you want to add a HF receiver to your installation.

B) PROGRAMMING PHONE NUMBERS WITHOUT GOING ONLINE


The numbers to call from the intercom can also be programmed on-site using the push buttons. In order to do this, you must have with you the phones you want to link to the system.

To program the numbers to call, follow these steps:

- Press down for 5 seconds on the call button to be programmed. The LEDs at the bottom of the call panel will flash quickly, indicating that it is in 'programming mode'.
- Call the villa intercom from the primary phone that your client wishes to use without hiding your number (*the villa intercom phone number is given in the **End User's Manual***).
- Let it ring 2 or 3 times. The villa intercom is set when the LEDs at the bottom of the call panel switch off. Hang up.
- The villa intercom is now programmed with your client's phone number and you can press the call button to make sure that it correctly makes the call.
- Your client can answer and check straight away that it works, in Visio or audio depending on the type of phone they have and the type of line.
- Press any button on the phone to activate the sound.
- Press 1 on your phone to activate relay 1 or press 2 to activate relay 2.

C) CONFIGURATION ONLINE AT INTRATONE.COM IN THE 'MANAGEMENT WEBSITE' TAB

You can program your intercom on the website www.intratone.com in the "management website" tab. This website lets you combine your management of the villa intercom equipment with products from the Intratone range.

To create your villa intercom, create a residence and register an entrance such as 'villa intercom' by clicking on the button . Then you can program the numbers by clicking on 'configure' opposite 'designate label(s)'.

The remote controls provided with the equipment must be registered on the management website. To do this, you must create an authorisation and add the remote control in an apartment.

If you have a '1 callbutton + 9 button keypad' model, you can add a code. To do this, click on 'codes' to the right of the entrance you want to program.

NOTE! The villa intercom that has been registered on the website intratone.com can no longer be registered on the website www.myintratone.com and vice versa.

POST-INSTALLATION CHECK

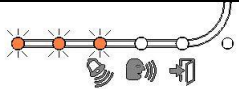
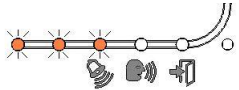
Once your villa intercom is installed and switched on, you can carry out different tests to check that it works:

A) TESTING THE CABLING OF THE RELAYS AND THE REMOTE CONTROLS

The remote controls provided with your villa intercom are already configured to work when the system is switched on. Press 1 (the button marked **I**) on the remote control and see if the entrance linked to relay 1 opens correctly. Do the same thing with button 2 (the button marked **II**) if you have 2 entrances to control.

B) CHECKING THE INTERCOM'S SIGNAL RECEPTION STRENGTH

When you turn the power supply to your intercom on for the first time, the 5 LEDs at the bottom will indicate the strength of signal:

	The LEDs blink slowly	The number of LEDs indicates the strength of 3G signal reception.
	The LEDs emit a slow double blink	The number of LEDs indicates the strength of GSM signal reception (Visio calls impossible).

Note: if the LEDs on the call panel do neither of these two behaviours, it means you are trying to install the villa intercom in a place where there is no 3G or GSM network signal.

C) CHECKING AUDIO AND VISIO CALLS WITH YOUR PHONE (BEFORE THE INTERCOM IS IN SERVICE)

As long as no numbers have been programmed, you can test calling your phone directly from the intercom. To do this, follow these steps:

- Call the villa intercom from your cell phone without hiding your number (*the telephone number of the villa intercom is given in the End User's Manual*).
- Let it ring 2 or 3 times. The villa intercom is ready when the white LEDs of the camera light up. Hang up.
- Now press the callbutton on the villa intercom (or press any callbutton, if you have a model with 2, 3 or 4 buttons)
- The villa intercom will call you in Visio (if your phone does not have Visio, the villa intercom will make another call in audio 30 seconds later).
- You can answer and check straight away that the Visio feature is working.
- Press a button on your phone to activate the sound.
- Press 1 on your phone to activate relay 1 or press 2 to activate relay 2.

Note: Your phone's User Manual will tell you if it has the Visio feature.

Before fastening the call panel, carry out a test with a Visio phone so that you can easily determine the optimum height that will give the best visibility on phones of that type.

TROUBLESHOOTING

A) MOST COMMON PROBLEMS

<i>What is the fault?</i>	<i>What is causing the fault?</i>	<i>How to fix the fault</i>
The LED on the relay card does not come on.	There is no power supply to the relay card.	- Check power supply to the + and - terminals.
The LED on the relay card is permanently switched on.	Cabling problem between the intercom and the relay card.	- Check the cabling between terminals 3 and 4 of the relay card and terminals 3 and 4 of the intercom.
The door does not open when you press on the remote control or when the intercom says 'The door is open'.	The relay is incorrectly wired or the door control is faulty.	- Check the change of state between C and T on the relays with an ohmmeter where there is a bridge between the BP input (1 or 2) and the ground. - Check the door control without the central unit (simulate the relay with wires).
The LEDs on the intercom light up one by one continuously.	The intercom is searching for the GSM/3G network but can't find it.	- Connect up or reposition the EEN-ANTD-EDGE antenna provided with your equipment, in order to get a better signal.
When you press 1 or 2 on the phone, the intercom does not say 'The door is open'.	The intercom has not recognised the button you pressed on the phone	- Check that the 'Voice frequencies' feature is activated on the phone. - You may need to press the * button first, in order for the intercom to recognise buttons 1 and 2.
When you press the button, nothing happens.	There is no number programmed for this button	- Configure a number for the button in question.

B) PROCEDURE TO RESET THE INTERCOM

You can reset the intercom in the event of a problem: this will clear all the data and settings. Only the remote controls will work after you reset. Procedure to reset:

- Remove the black plastic tab on the back of the intercom to access the reset button (to the right of the green connector).
- Press the button (the backlit label goes out) until it lights up again, then release the button.
- Press the button again until the label lights up.
- Repeat this operation a third time. The backlit label will flash twice and then you will see the intercom's GSM/3G signal strength again.

NOTE! ANY PHONE NUMBERS THAT WERE NOT PROGRAMMED VIA THE WEBSITE WILL BE LOST IN THIS OPERATION!

CERTIFICATE OF CONFORMITY