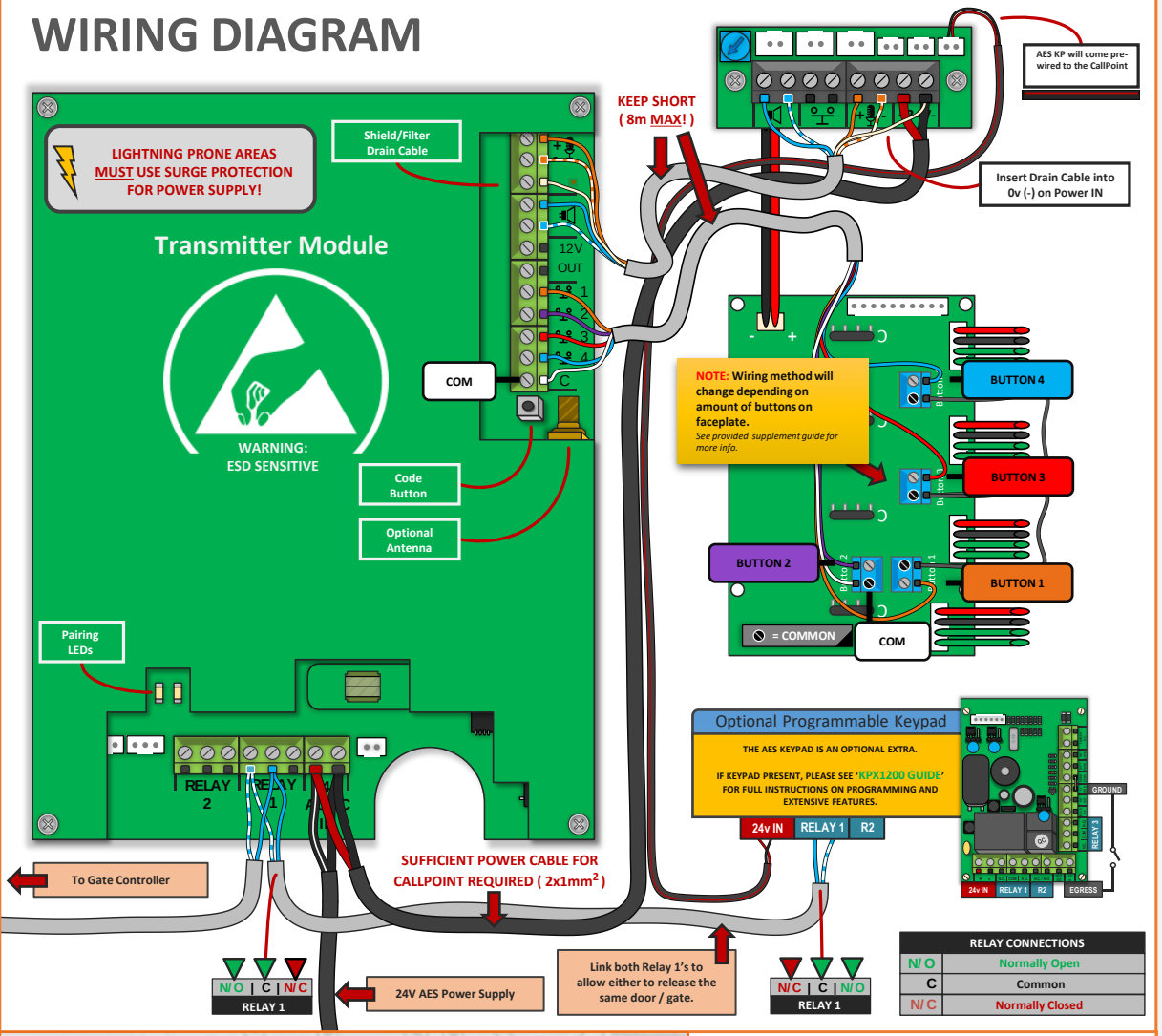
703 DECT - Imperial Intercom System

*** ALWAYS RANGE TEST THE UNIT ON SITE BEFORE INSTALLATION ***

STILL HAVING TROUBLE?
Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:
WWW.AESGLOBALONLINE.COM

WIRING DIAGRAM



RELAY CONNECTIONS	
N/O	Normally Open
C	Common
N/C	Normally Closed

SITE SURVEY

RESTOCKING FEES MAY APPLY IF RETURNED AFTER INSTALL DUE TO SITE ISSUES. PLEASE SEE FULL T&C'S ON OUR WEBSITE.

TIP: It is recommended that the system be fully tested on site **BEFORE** installation. You must test to ensure that the system is capable of operating across the desired range. Power the system on and place the handsets in their expected locations around the property to ensure that the system is fully functional and suitable for the site.

OPTIMAL RANGE

SYSTEM INCOMPATIBLE WITH FOIL INSULATION.

TIP: For longer range installations, locate the handset closest to the front of the property and near a window if possible. Also ensure the transmitter is mounted pointing towards the handset.
Concrete walls can reduce the normal open-air range of up to 400 metres/yards by **30-50% per wall**.

POWER CABLE

KEEP POWER SUPPLY AS CLOSE AS POSSIBLE.

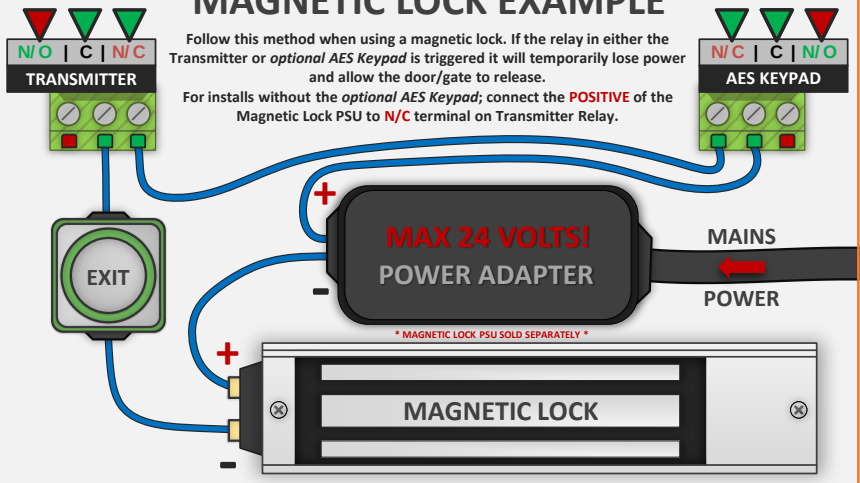
TIP: Most technical calls received are due to installers using CAT5 or alarm cable to power the unit.

NEITHER are rated to carry enough power! **(1.2amp peak)**

Please use the following cable:

Up to 2 metres (6 feet) – Use minimum **0.5mm²** **(18 gauge)**
Up to 4 metres (12 feet) – Use minimum **0.75mm²** **(16 gauge)**
Up to 8 metres (24 feet) – Use minimum **1.0mm²** **(14 / 16 gauge)**

MAGNETIC LOCK EXAMPLE



Did you know?

With our 703 DECT audio system you can add up to a max of ***4 portable handsets*** or wall mounted versions.
(1 DEVICE WILL RING PER BUTTON)

NEED MORE ASSISTANCE?
Please scan this QR Code to be brought to our Resources page where you can find all of our guides and available resources.

703 DECT - Imperial Intercom System

*** ALWAYS RANGE TEST THE UNIT ON SITE BEFORE INSTALLATION ***

STILL HAVING TROUBLE?
Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:
WWW.AESGLOBALONLINE.COM

INFORMATION ABOUT YOUR DECT HANDSET

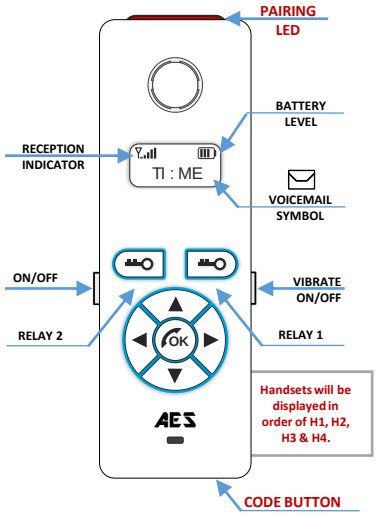
The handset should ideally be charged for at least 8 hours before use. It is recommended to give it at least 60 minutes of charge before performing the range test between the transmitter module and the handset inside.

Adjusting the Relay trigger time

Press and hold the RELAY 2 button for 3 seconds, scroll through the menu until you see '**ti**'.
Press the OK button to select the relay time. Press the ▶ key at any time to end the process.

Adjusting the time on your handset

Press and hold the OK button for 3 seconds, then use the up ▲ and ▼ keys to select the hour and press OK button again to cycle to minutes. Once you have finished adjusting the time then press the OK button to save. Press the ▶ key at any time to end the process.



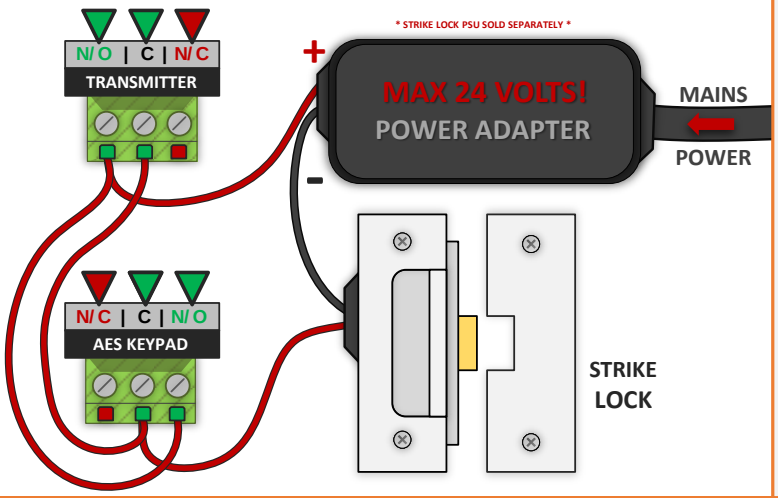
Voicemail On/Off

You can turn the voicemail function of the system On/Off at any time. To start press and hold the RELAY 2 button for 3 seconds then scroll through the menu until you see '**Re**' and adjust this to ON or OFF then press OK to select.

To listen to a voicemail, press OK . If there is more than 1 use ▲ and ▼ to select the message required and press OK to play.
Press RELAY 1 once to delete the message or press and hold it to delete all.

AC/DC STRIKE LOCK WIRING EXAMPLE

Follow this method when using a Strike Lock with the system. If used it will mean that if a relay in either the Transmitter or *optional AES Keypad* is triggered it will temporarily allow the door/gate to release.



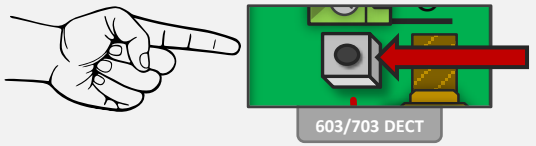
Do you require a custom wiring diagram for your site? Please send all requests to diagrams@aesglobalonline.com and we will do our best to provide you with a supplement diagram suitable for your chosen equipment.

We are constantly using your customer feedback to enhance all of our guides / learning material for installers.
If you have any suggestions regarding this please send any suggestions to feedback@aesglobalonline.com

RE-CODING/ADDING EXTRA HANDSETS

Occasionally the system may need to be re-coded once installed.
If the handset does not ring when the call button is pressed, the system may need to be re-coded.

(● = FULL RE-CODE : STEP 1-5)
(● = ADDING A HANDSET : STEP 3-5)



TRANSMITTER CODE BUTTON

● **Step 1)** Press and hold the **CODE BUTTON** inside the Transmitter Module for 5 seconds until the audible tone is heard from the Intercom speaker.

(On 703 Transmitter the blue LED marked D17 should also flash.)

● **Step 2)** Then press the **CODE BUTTON** **14 times** and wait until the melody is heard or the LED turns off. Performing this step will remove **ALL** handsets currently synced *(or partially synced)* to the system.

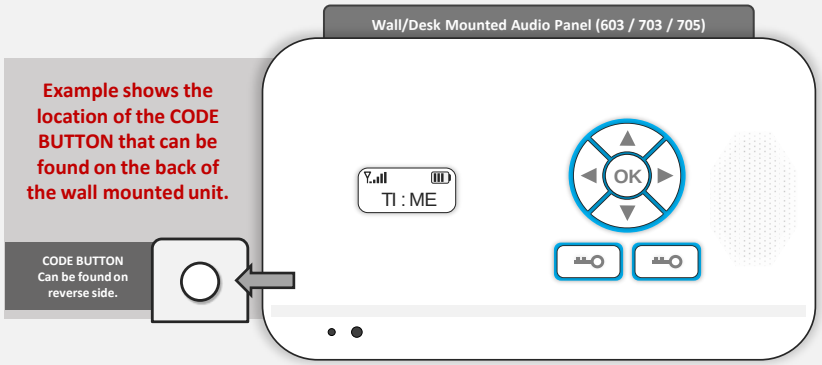
(Note: Doing this step will also clear ALL voicemails after reset.)

●● **Step 3)** Press and hold the **CODE BUTTON** inside the Transmitter Module for 5 seconds until the blue pairing LED marked as **D17** begins to flash.

(An audible tone will be heard from the Intercom Speaker.)

●● **Step 4)** Then press and hold the **CODE BUTTON** on the handset until the red LED at the top begins to flash. After a few seconds you will hear a melody play to let you know it has successfully connected.

(Repeat Steps 3 & 4 for each new handset.)

●● **Step 5)** Finally you should test the kit to ensure that everything is working as expected by pressing the Call Button on the CallPoint to ensure the handset and/or wall mounted unit receives the call and that the two way speech is functioning correctly.

Example shows the location of the CODE BUTTON that can be found on the back of the wall mounted unit.