

ENTerview MX



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EVMX2 or EVMX2C
2 way mono or colour video
door entry call station



EVMX4 or EVMX4C
4 way mono or colour video
door entry call station



EVMX6 or EVMX6C
6 way mono or colour video
door entry call station



**Example of a 12 way video door
entry call system with keypad**



**Example of a 15 way video door
entry call system**

Planning and installing the Enterview MX

Planning your MX Door Entry System

- External call station
- How many Entry Doors (Front or/and Rear)
- Audio only or with Video
- Monochrome/ colour
- Integral Key pad
- Mounting Flush or surface.
- External Call buttons (one per dwelling)
- Trade entry control
- Combined timed Lock and outdoor call station power supply (EVBPS)

Note: The maximum cable distance per external call button to each handset is 70 meters

Equipment required

- External call station (one required per door)
- Maximum of 6 call buttons without an expander
- Expander (if required) maximum of 9 call button per expander
- External call station power supply DC 12 volts (EVBPS) (one required per door)
- Handset EV5H/EV5HF (minimum of one per external call button)
- Electric lock magnetic (ML250)/Yale type (enter D)
- Twisted pair cable minimum 4 cores.
- Push to exit button (one required per door if magnetic lock used)
- Emergency break glass green
- (One required per door if magnetic lock used and the door is deemed an emergency exit)

Handsets

- Audio/video or Audio only note:- minimum of one per external call button.
- Monochrome/colour picture
- Standard or hands free unit

Door Gear

- Power supply with timed output (EVBPS)
- Magnetic lock/Yale type lock
- Push to exit button
- Emergency break glass green (only needed when magnetic lock fitted and to an emergency exit door)

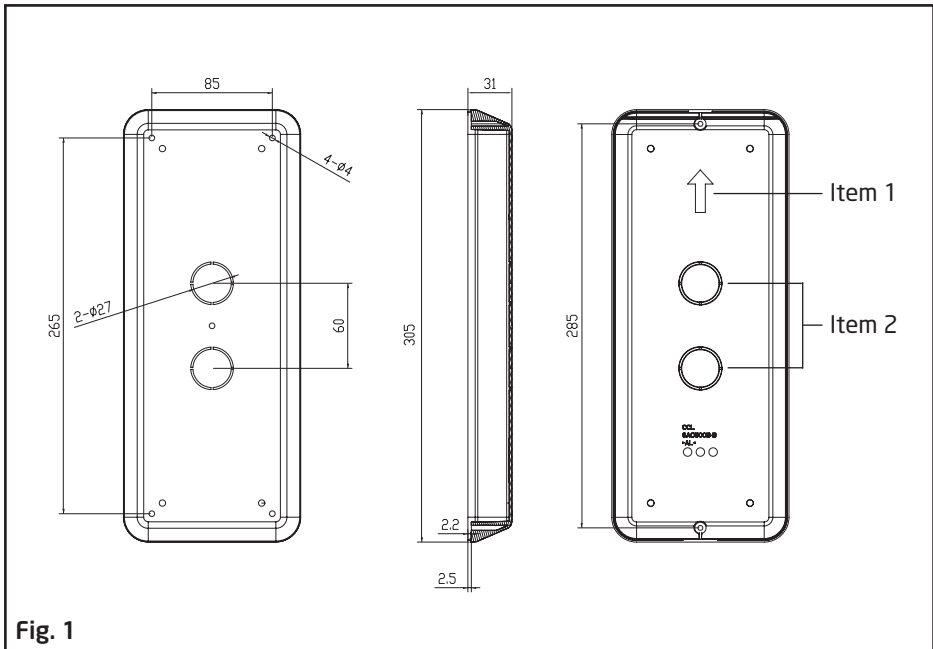
Basic cabling

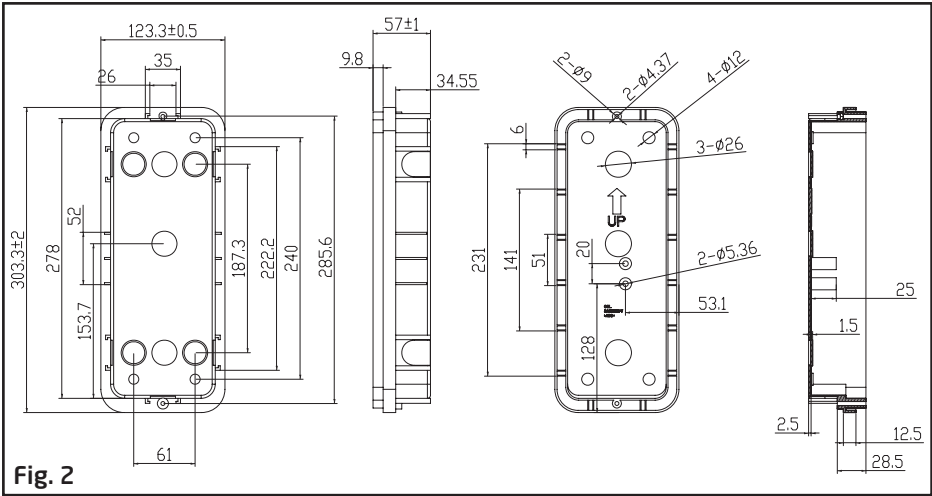
- 240 AC mains feed to external door and lock control power supply (EVBPS)
- 240 AC mains feed to each handset (via transformer- supplied)
- 4 core from each external call station (front/rear) to its own power supply (EVBPS)
- 4 core from each external call station (front/rear) to each handset
- 4 core from push to exit button to EVBPS (power supply)
- 4 core from lock to EVBPS (power supply)
- 4 core from EVBPS (power supply) to emergency break glass (if fitted)

Fitting the external call station

Location

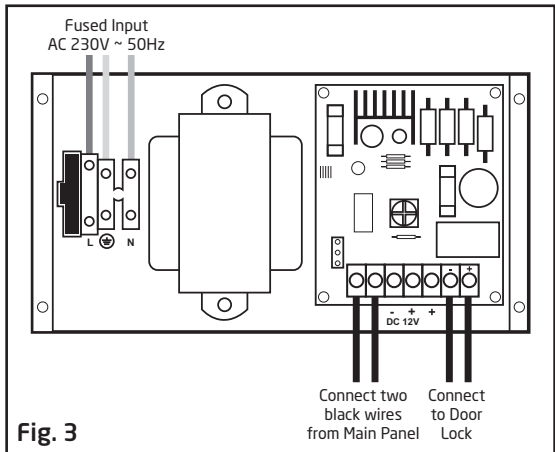
- Select a location close to the door to be controlled
- Recommended mounting height 1.45 meters (camera lens)
- Secure back plate to the wall paying attention to the upward facing arrow located on the back plate (see Fig. 1 item 1 for surface and Fig. 2 for flush mounting)
- Feed cables from each apartment and the power supply through the cable entry hole see Fig. 1 item 2.
- Trim cable length to approx. 200mm





Wiring the external call station

- Each call button will have its own brown 4 core connector (supplied) consisting of red, blue, yellow and white cores.
- The 4 colours that are connected to the brown connector are to be connected to the corresponding 4 core cable going to each of the apartments.
- The connection can be completed by means of soldering, crimping or by use of screw connectors.
- To power the camera, keypad and call station a 12 volt DC feed is required. To do this a white two pin plug consisting of red and black cores supplied should be connected to the corresponding cable going to the EVBPS power supply. Connect to terminals 3 and 4 (DC 12V) in the EVBPS Fig. 3. Fit the white plug into the white 2 pin socket located at the lower part of the door station Fig. 4.
- The two single black cables on the external call station are for the lock release. These are volt free and are normally open going closed. These contacts will change state on the lock release command. The two black cables from the hand sets need to be connected to the 4 core cable going to the EVBPS and connected to terminals 1 and 2 (P.B) on the EVBPS Fig. 3.



Wiring diagram

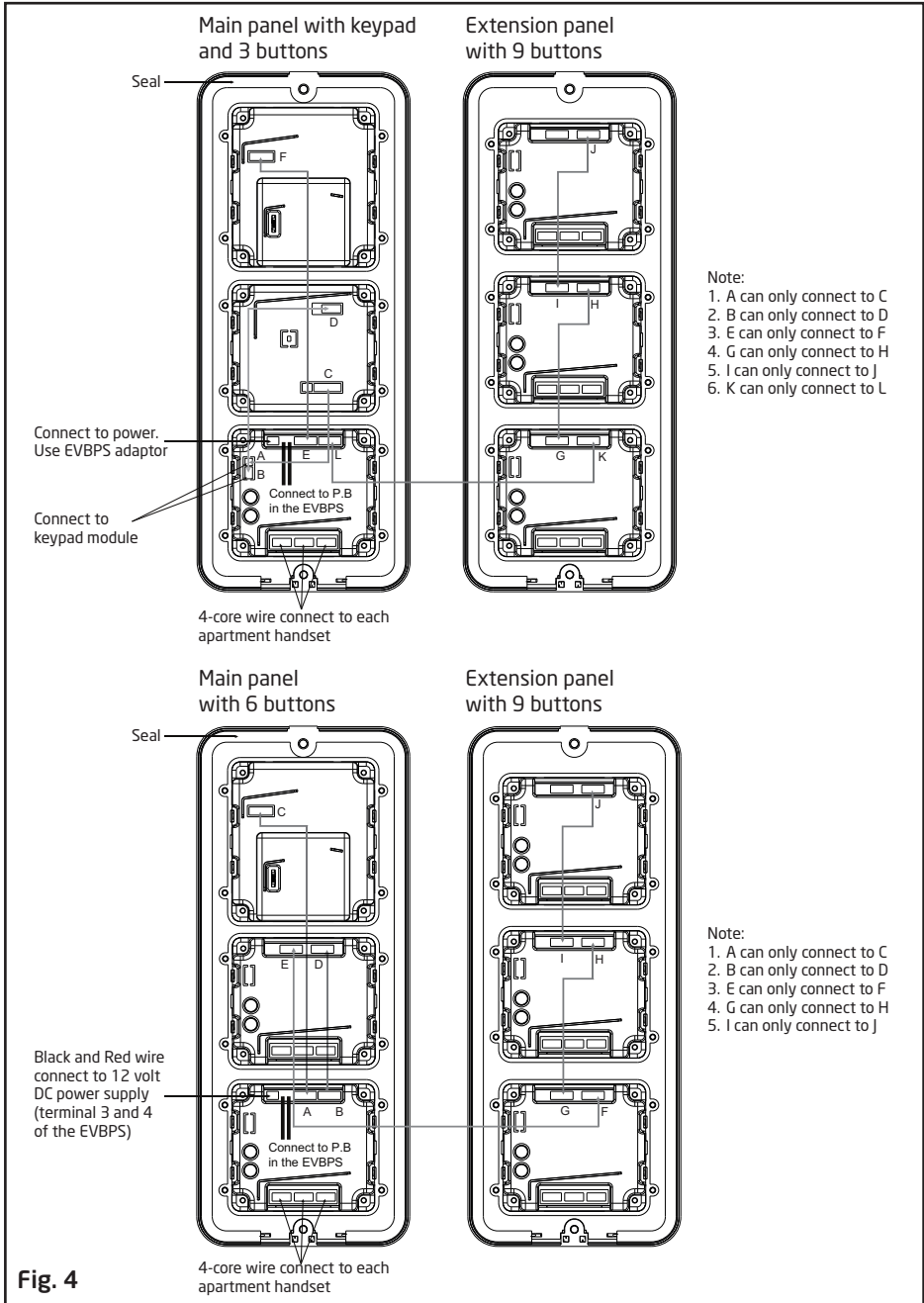


Fig. 4

Assembly of the external call station

- Once all connections have been made and all plugs inserted into the appropriate sockets.
- Fit the rubber seal to the cover of the call station see Fig. 5 use the two supplied screws to secure the front cover to the back plate, paying attention to the seal so it remains seated correctly.

Fitting and wiring the handset

- Locate the metal back plate and observe the arrow and the word up see Fig. 1 item 1.
- Fit mounting plate to the selected location, recommended mounting height 1.45m see Fig. 6.
- Feed the cable from the local transformer and the external call button through the center opening see Fig. 8 item 1.
- Connect the corresponding cores from the external call button cable to the brown plug (supplied) consisting of red, blue, yellow and white cores.
- Once connected, fit the brown plug into the rear of the handset socket CN1 for call station one and CN2 for call station two see Fig. 7.
- Connect the corresponding cores from the transformer to the white plug (supplied) consisting of red and black cores.
- Once connected, fit the white plug into the rear of the handset socket marked 5 (+) and 6 (-) see Fig. 7.

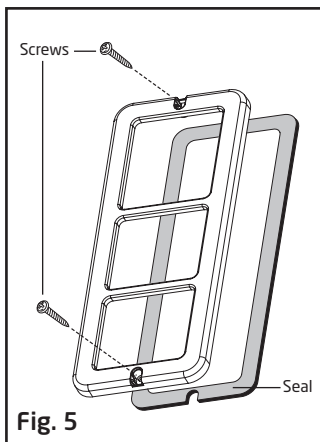


Fig. 5

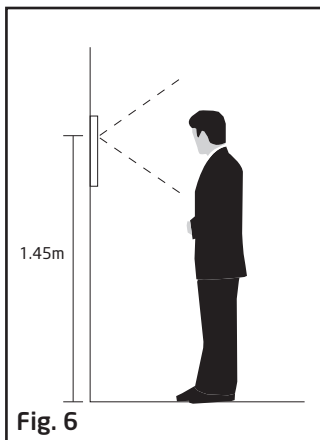


Fig. 6

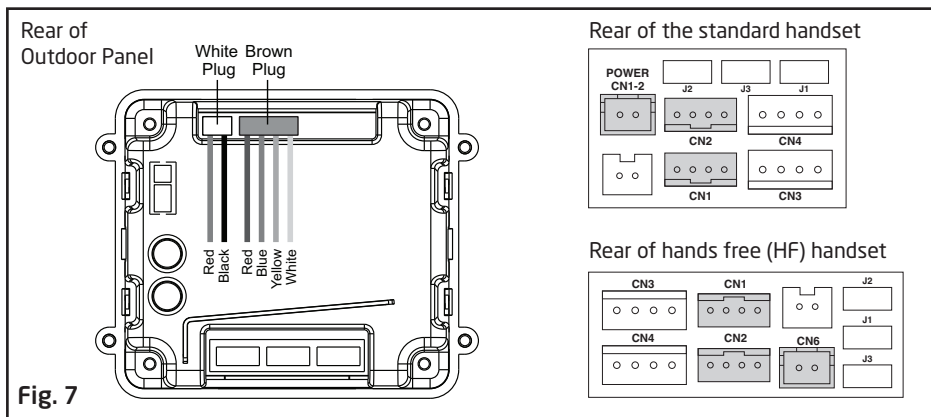
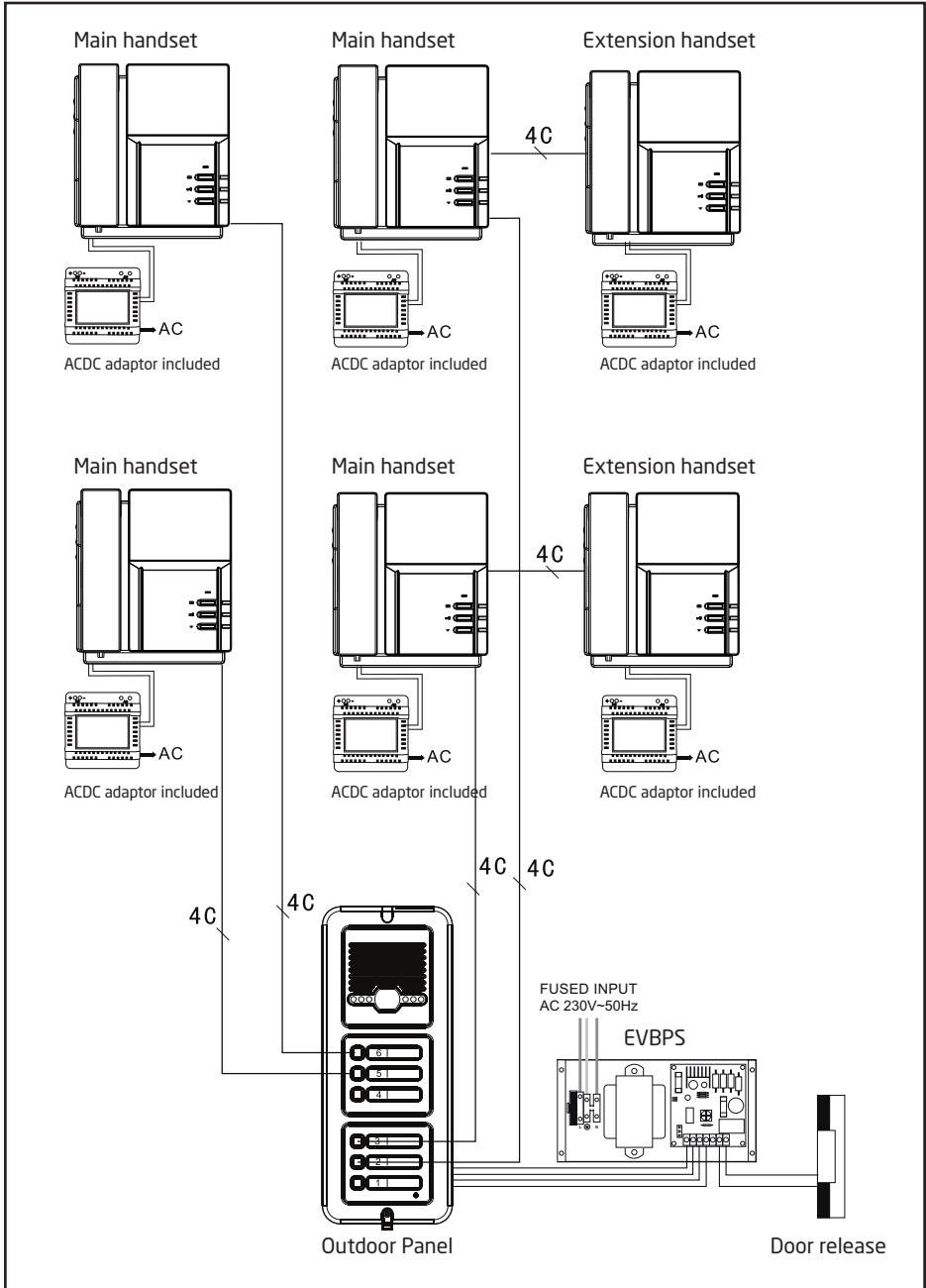


Fig. 7

System schematic wiring diagram



Fitting the handset to the metal back plate

- Locate the 4 lugs on the metal back plate, one located on each corner see Fig. 8, these lugs must fit into the recesses on the rear of the handset.
- Place the handset over the metal back plate keeping the cables flat and out of the way of the lugs.
- Slide the handset down into position engaging the 4 lugs on the back plate into the recesses of the handset see Fig. 8.

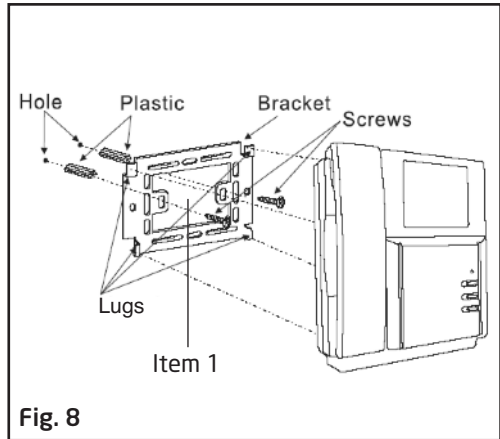


Fig. 8

Programming the keypad

To enter programming mode press the star key followed by the 4 digit programming pin number (factory default 1234) the blue indication light will now start to flash.

Adding User Codes

- Enter programming mode.
- Enter the location 01 to 41 (01 to 30 are standard code locations, 31-40 are the latching code locations). If a series of beeps are heard at this point this confirms a code is stored at this location.
- Enter the desired 4 digit user code, if at this point you get a long continuous tone then this pin number is in use on the system already and cannot be used. After the tone has stopped you will need to enter the location again and enter a different pin number. When the new pin number has been accepted a 2 second confirmation tone will be heard and the code lock retunes immediately to the programming mode base level.
- Return to the beginning to enter more user codes or press the * key to exit programming mode.

Deleting user codes

- Enter programming mode.
- Enter the desired location (01 to 40 to be deleted) if a series of beeps are heard at this point then the location has a code stored, you may however proceed as this is only a warning tone.
- Press the # key to delete the code from the location, a 2 second confirmation tone will be heard.
- Return to the beginning to delete more codes or press the * key to exit programming mode.

Deleting a user codes from an unknown location

- Enter programming mode.
- Press the # key, the blue LED remains on.
- Enter the 4 digit user code to search and delete, a 2 second confirmation tone will be heard.
- Return to the beginning to search and delete more lost codes or press the * key to exit programming mode.

Deleting all settings

This function should only be used in extreme circumstance as all user codes will be deleted.

- Enter programming mode.
- Press the # key once, the LED will remain flashing.
- Press the # key a further eight times to delete all information the LED will turn off and a tone will be heard to indicate that the delete process is taking place. You must enter all 9# 's to complete the delete all command.

Note: this does restore factory settings of the lock release time of 5 seconds.

Setting the lock time

Factory default door open time is set at 05 seconds.

- Enter programming mode.
- Enter 00 (this selects the unlock time location).
- Enter the desired lock/relay operation time in a two digit format (01 to 99 seconds).
- The keypad will return to the programming mode base level.
- Press the * key to exit programming mode.

Changing the programming code

Factory default pin 1234.

- Power down the outdoor station.
- Press and hold the star key.
- Keep pressing the star key and power back up.
- A continuous tone will be heard for 5 seconds .
- Release the star key wait for 5 seconds .
- The blue indicator light will start to flash and you will hear a bleep.
- Enter your new 4 digit programming code you should hear the acceptance bleep and the indication light will go out.

Optional accessories for Enterview MX



EVH5C-HF - Hands Free Colour Handset

- High resolution colour 7" monitor
- Door release button
- Up to 3 additional handsets per system



EVH5C - Colour Handset

- High resolution colour 4" monitor
- Door release button
- Up to 3 additional handsets per system



EVH5 - Mono Handset

- High resolution mono 4" monitor
- Door release button
- Up to 3 additional handsets per system



EVH5A0 - Audio only handset

- Clear high quality audio
- Door release button
- Up to two per system



EV-BPS - Boxed power supply for use with lock release

- 240vAC input
- 2A 12vDC fail safe output
- 1A 12vDC fail secure output
- 500ma 12vDC auxiliary output



EV-ML-250 - Electromagnetic Lock

- Holding force 250kg/550lbs max
- 420ma 12vdc input
- Z & L mounting bracket included
- NB. Requires EV-BPS power supply



EV-EXIT - Push to Exit Lock release button

- Stainless steel fascia
- Flush mounting (back box included)
- Push to make contacts



EV-EBG - Emergency Break Glass

- Surface mounted
- Emergency break glass to release door



ENTERD - Electromagnetic Lock

- Holding force 295kg/650lbs
- 160ma 12vdc input
- For use with Yale type rim locks
- Surface mounting version available
- NB. Requires EV-BPS power supply

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