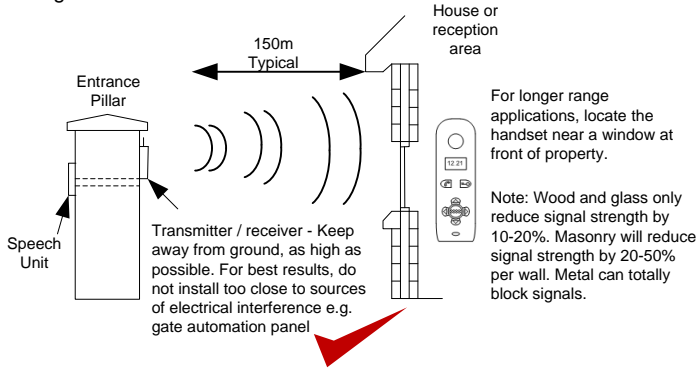


Installation Manual

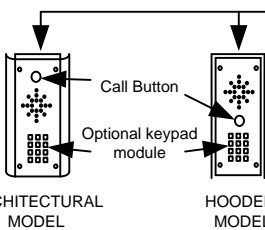
for
603AB, 603ABK, 603HB, 603HBK Wireless Intercom System

Installation

- 1) Before installing fully, test the range of the system. Wire the unit as per wiring diagram, place the equipment in the desired location and test operation.
- 2) Ensure that the gate transmitter / receiver unit is installed to facilitate line of sight with the property or reception area. To achieve best results, mount the unit as high as possible from the ground. Should you need to extend range, you can mount it on a small pole to elevate it a few meters from the ground.



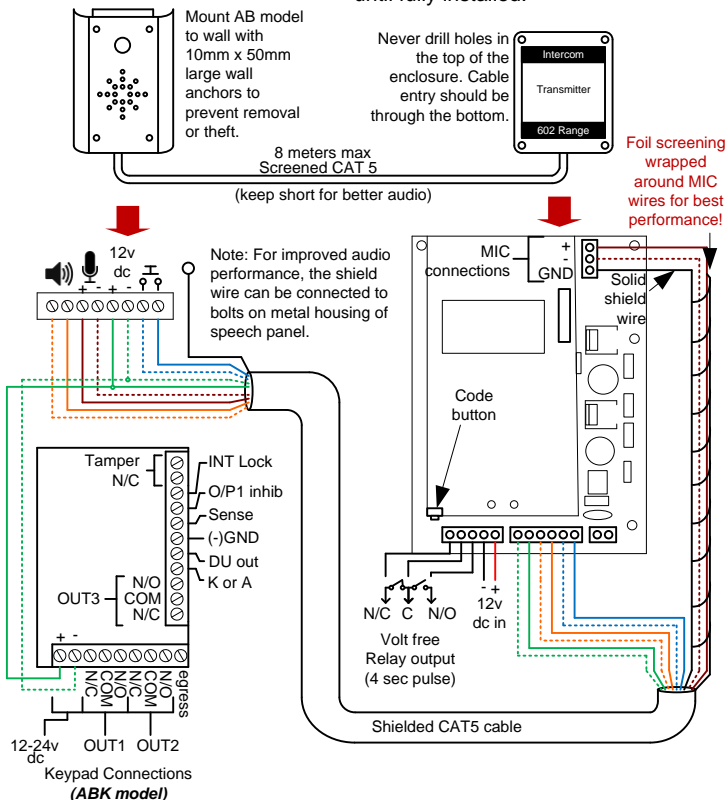
- 3) It is recommended to charge the handset for 7-8 hours before use.
- 4) Power up the handset after inserting the batteries.
- 5) Wire the door station and transmitter / receiver according to the diagram below..



- 3) Remove the top two security screws as shown. Do NOT remove the bottom screws.

The front door will hinge downwards to allow access for mounting holes and connection terminals.

Note: The protective film on the front of the intercom should not be removed until fully installed.



Note: Keypad volt free output(s) needs connected to gate control panel or electric door lock as well as relay output from the intercom controller PCB. Parallel connect C and N/O contacts for electric gate controller or strike lock. Series connect C and N/C contacts for magnetic lock.

Testing

- 1) Check all connections are correct before switching on the power.
- 2) Press the call button on the speech panel.
- 3) The handset should ring.
- 4) Press the button to answer the call and check two way speech.
- 5) Press to check the door / gate release function works.

Handset & Operation

ADJUST VOLUME

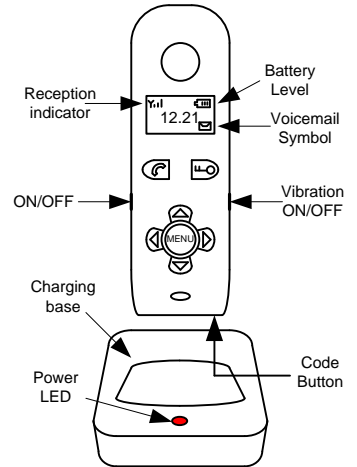
Press Δ or ∇ to adjust volume level, and press MENU to select and save.

CHANGE RING TONE

Press \triangleleft and the unit will ring under the currently select tone. Press ∇ and Δ to cycle through available ring tones. Press MENU to select and save.

CHANGE LANGUAGE

Press \triangleright and the unit will display the currently selected language. 1=English. Press ∇ and Δ to cycle. Press MENU to select and save.



VOICEMAIL

When the door station is pressed, and not answered within 40 seconds, the visitor can leave a message. Once complete, the handset will display the symbol. Up to 16 messages can be saved.

To listen to voicemail, press MENU to play. If there are more than 1 message, press Δ and ∇ to select the message required and press MENU to play.

\triangleleft = Pause / Exit \triangleright = Continue = Delete, long press = delete all.

SET TIME ON DISPLAY

Press MENU for 2 seconds. The hour digits will begin flashing. Press Δ or ∇ to adjust. Press MENU to cycle from hour setting to minutes and repeat. Press MENU a third time to exit and save changes.

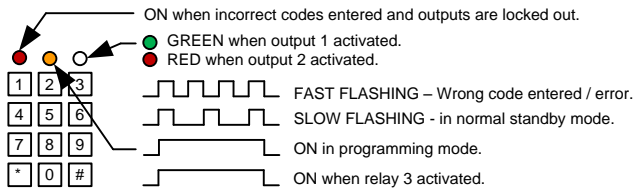
Coding another handset to the System

- To add an extra handset to the system, follow the sequence below..
- 1) Press and HOLD the code button on the door station for 3 seconds, until the LED's on the bottom of the board start to flash.
 - 2) Press and hold the Code button on the new handset ignoring the first short tone, until you hear a confirmation tone ("Di-Do-Do"). This may take up to 10 seconds.
 - 3) Once the door station lights stop flashing, then you can test the system by pressing the call button on the door station. The new handset should ring. If not, repeat the process from the top.

Note: For earlier models, the existing master handset lights will flash after step 1. You will need to press the MENU button on the existing handset first, before proceeding to step 2 above.

Keypad Programming (only ABK models)

LED indicators



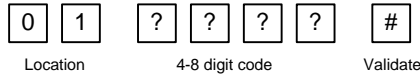
Note: Programming can only begin 60 seconds after power on.

Enter Programming mode

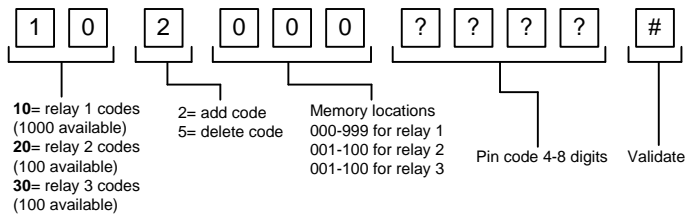


The unit is now in programming mode. Amber LED will remain ON. 0000 is default programmers code. **Note: Pressing ** again will exit programming mode.**

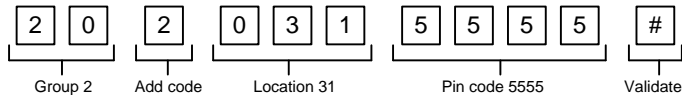
Enter new programmers code



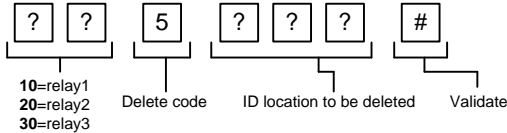
Record or Delete user codes



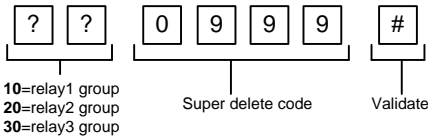
Example: Add user 31 to have access code 5555 operating relay 2....



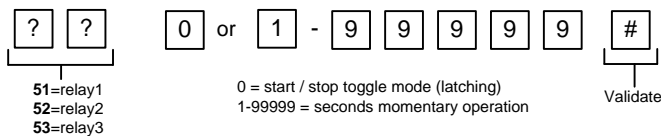
Delete a code



Delete all codes in a group



Programming Relay output times & modes

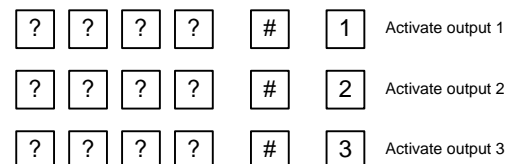


Programming SUPER user code

Super user code is an optional feature which allows the same code to operate outputs 1, 2 or 3.



Using super user code



Using standard user code

To use standard code, simply enter the 4 digit code.

Note: Remember to exit programming mode with ** before testing user codes.

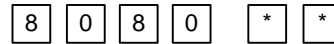
Restoring defaults

While in programming mode, enter the following to delete all codes and settings apart from the Master code.. (this can take up to 2.5 minutes)...



When the master code is forgotten....

- 1) Wire a push button (or replicate with wire link) across the EG IN terminal and (-)GND.
- 2) Switch off power for 1 minute.
- 3) Switch ON power.
- 4) during the first 60 seconds, press the EG button once to enable the function.
- 5) Enter the following code..



The keypad should now be in programming mode, ready to accept new data.

Additional keypad information – Note: These features are not commonly used.

EG IN (EGRESS INPUT)

Connect a push button between this terminal and (-)GND. When Egress button is pressed, output 1 will be activated for the programmed delay. Egress button is usually located inside a building and used as a push to exit.

K or A. (KEYPAD ACTIVE OUTPUT)

An NPN transistor open collector output. It switches to (-) ground for 10 seconds on each key touching. This can be used to turn on lights, CCTV camera, or buzzer to notify a guard. The rating of this output is: Ic max: 100mA sink, Vc max: 24VDC

DU OUT (DURESS OUTPUT)

An NPN transistor open collector output. It switches to (-) ground after the Duress Code is entered. Use it to trigger an alarm zone, or turn on a buzzer to notify a guard. Ic max: 100mA sink. Vc max: 24VDC

DOOR SENSE

N/C connected to (-)GND, to be connected to a normally closed door contact. It can be used to generate a door open alarm or door forced open alarm.

O/P 1 Inhibit

Normally open. When closed, this disables all codes for relay group 1 except super user and duress codes.

Interlock Output

NPN transistor output, open collector, max power 24v dc, 100mA sink. Used to operate a door in conjunction with another keypad, or prevent two doors being opened at the same time.

Tamper N/C

Normally closed tamper switch. This can be used in conjunction with a tamper switch on a box or enclosure to prevent tampering. This can be connected to an alarm system.