

## One 2 One

- DECT System
- Vandal resistant
- Stainless steel buttons
- 1 call point
- 316 marine grade stainless steel
- Optional keypad
- One relay slot
- Dial in control facility
- Hold open facility
- Activation LED indicator
- 'SPEAK' LED indicator
- 'ENTER' LED indicator
- Call waiting facility
- Camera option
- Available as Land Line
- 2 Year Warranty



*Access to your home by the tone of your phone.*



The One-2-One has been designed to operate without the need for a land line or GSM SIM card. The panel has a single call button and if used with a cordless (DECT) phone there is no wiring from the entry panel interface to the destination. Alternatively a standard telephone can be plugged in to the interface.

The panel is only 90mm wide and 60mm deep allowing the unit to surface mount onto a standard door architrave or flush mount with the minimum of preparation. The panel offers provision for a monochrome or colour camera.

**Mode 1:** Only phones plugged into the interface box will ring from the entry panel. The call panel connects via multi core to the control interface. This interface may be up to 100m away from the call panel and the operating telephone or DECT base station plugs directly into the interface box. In this mode the telephone is to be used only for controlling entrance requests.

**Mode 2:** If the system is to share a dedicated phone line or analogue extension of PABX, the control interface plugs into the existing telephone socket and then the operating telephone plugs into the interface box. In this mode the operating DECT or telephone is used as normal to make and receive telephone calls but also to communicate with an entrance and control access through a door/gate/barrier. Only the phones plugged into the interface will ring.

A visitor selects the destination they require and presses the button. An LED will illuminate to show that the call is initiated. The receiver of the call will lift the telephone receiver, which will illuminate the "Speak now" LED and two way conversation may take place..

After confirming the identity of the visitor, the receiver of the call presses the command digit on their telephone and the tone activates the "Door open" LED and the relay to open the door/gate/barrier. A confirmation tone is audible on the operating telephone.

To call the entrance, the user presses \*\* on their telephone. Connection is made and normal functions may be carried out. This could be used to hold open a gate or barrier. To disconnect from the entrance simply hang up the telephone.

If used in **mode 2** and a visitor calls while on a normal phone call a tone is heard to indicate this. The phone call may be put on hold by pressing # while the visitor is dealt with and then connects back to the phone call by pressing \*. It is important to make sure that the DECT phone has sufficient range for operation. Some DECT phones are available with booster stations to increase the range, please call for assistance.

A camera may be fitted as part of the fascia and operates independently to the Telguard. The picture from the camera may be viewed on a television inside the premises. This is achieved by connecting the camera into the communal TV aerial amplifier with a modulator.

Alternatively the camera can be connected to a monitor or multiplexed as part of a system of cameras. We supply the camera in Mono or Colour, care must be taken to ensure that when using colour there is enough light for night time viewing.

Proximity may also be fitted as part of the fascia and operates independently to the Telguard. We have standard cut outs for the most popular makes of proximity reader.

# Specification

**Warranty:** 2 years return to manufacturer full parts and labour.

**Power:** 12 Volt 1 Amp. DC PSU (as supplied and must be dedicated to the Telguard).

**Call Buttons:** x1 Stainless steel.

**Keypad:** Optional Back lit Keypad.

**Coded Entry:** Via keypad 4 – 8 digits, 10 codes maximum.

**Power Consumption:** 400 mA @ 12 Volts.

**Telephone type:** standard tone generating telephone or DECT. All telephones must have a “#” key and be able to tone dial from all keys on an incoming call.

**(Mode 2 only):** telephone connection: standard ‘BT’ type telephone socket or analogue extension from a PABX.

**Programming:** If the unit has a keypad then programming can be done from there (even if the item you're changing is related to telephones). The whole menu is available at the keypad.

- 1) Standard telephone in Telephone Interface Unit 1 and Technical manual.
- 2) Panel keypad and Technical manual.
- 3) PC, Avit lead and Datalink Windows App connected to the panel keypad socket.
- 4) PC, Avit lead and Datalink Windows App connected to J1 in Telephone Interface Unit 1, 2, 3 or 4

*NOTE: It's almost impossible to use methods 1 or 2 without the Technical Manual.*

\*Programming is only required if you need to add entry codes for the keypad, trade button times or to change the default Access Tones. Trade and Cancel buttons are separate entities. Therefore you can have up to 4 Call buttons plus a Trade button and a Cancel button. The keypad goes on a separate interface, so you can have a full house of 4 Call buttons plus Keypad plus a Trade button and a Cancel button.

**Face plate sizes:** Standard : 200mm x 90mm  
Plus keypad : 200mm x 90mm (*measurements for Video & PROX please refer to website*)

**Operating relays:** One 2 One Bespoke Dual Relay.

**Operating commands :** Relay = 100 (pulse relay A), 200 (pulse relay B), 300 (latch relay A), 400 (unlatch relay A), 500 (latch relay B), 600 (unlatch relay B)

**Relay activation time:** 1-60 seconds, adjustable using preset on panel.

**Adjustable parameters** - Speaker / Mic Volume, Beep volume, access commands, time clock, trade button.