telguard ®

Telephone based entry systems using your existing phone..
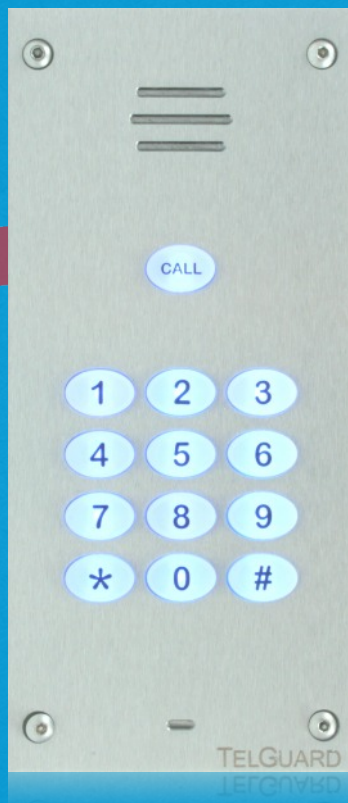
Made in
Britain

CALL

1	2	3
4	5	6
7	8	9
*	0	#

TELGUARD

T-BESPOKE

Overview:

GSM   Landline

- Installer programmed
- GSM programmed by SMS
- One call point destination
- No dedicated handsets required
- Only 3 connections
- 400 access codes
- Internal time clock
- 2 relays – additional relays optional
- Thermostatically controlled heaters

- Exit release input
- Forward call up to 8 additional numbers
- Activity log downloaded locally or remotely
- Day/Night feature
- Prox cut out option
- Camera option
- Available as GSM or Land Line
- 2 Year Warranty

The T-Bespoke is a telephone or GSM based intercom system to call one call point destination via a back-lit digital keypad. The system is installer programmed remotely via SMS, from a standard telephone or mobile, locally via the keypad (where fitted), modem link, or USB connection.

Each button is programmed to call a different telephone number relating to the destination (flat, office, house etc).

When a visitor presses the required button the Electronic Voice Assist™ will confirm that the call is being made and a telephone call is made from the entrance panel to the destination telephone number.

The telephone rings in the premises (if a mobile phone is called the recipient could be anywhere in the world!) and if the recipient is in they can answer the call as normal and speak to the visitor. If the line is engaged or the recipient is out, the Telguard is able to search for up to 8 other phone numbers i.e. office, mobile, relation etc. The system is compatible with an answer machine. If the recipient is out and has not set up any other facility then the Electronic Voice Assist™ will say that it has not been possible to connect the call.

If the recipient chooses to allow their visitor access they simply press a digit on their telephone hand-set and the tone from the button will operate a relay linked to the entrance (door, gate or barrier) and the visitor has access. The key-pad is used for coded entry for local access via a 4 – 8 digit code. The user presses the code into the panel and the entrance can be opened.

Safety.
Security.

There are three connections to the basic system, a 230 Volt supply to feed the 12 Volt 3.5 Amp PSU (the PSU we supply with the system must be used and should not power any other equipment), then there is a choice of Land Line or GSM bridge board which is connected via an external aerial or telephone lead.

The land line bridge board requires an analogue telephone connection – either PSTN (Public Switched Telephone Network) or an analogue extension from a PABX (Private Automated Branch eXchange) and a link to the equipment to be operated i.e. a gate, door lock, barrier etc.

The GSM bridge board comes integrated with a network scanning feature which enables you to scan for best network coverage within your installation area (ie: O2, Vodafone etc). The GSM requires a Pay-As-You-Go or Contract SIM plus an aerial which is supplied with the system.

Other facilities available are a trade button linked to an internal time clock with 9 available time periods & automatic BST/GMT update.
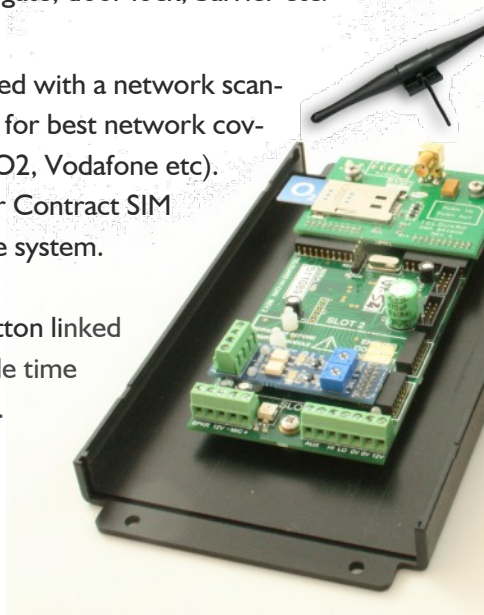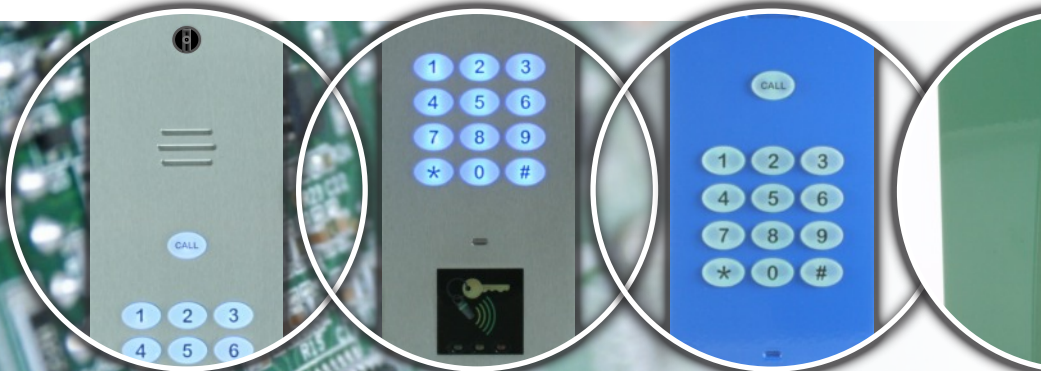
An activity log can also be downloaded either by USB connection or modem. The internal memory will hold 1000 entries and once the maximum is reached the earliest logs are overwritten. The log will show information such as what code has been entered and at what time, invalid code attempts and which destinations have been called along with the time and date.

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, colour or day/night, 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.

Stainless steel keypad option!

Main Gate
mobile

slide to answer

Warranty: 2 year gold warranty including return to manufacturer (full parts & Labour) and unlimited programming requests in writing.

Power: 12 Volt 3.5 Amp DC PSU (as supplied and must be dedicated to the Telguard).

Call Buttons: One backlit silicon button.

Coded Entry: Silicon or stainless steel keypad 4 – 8 digits, input for a further keypad and could be used as an exit keypad. 400 codes maximum.

Trade: Optional trade button linked to internal time clock with 9 available time periods & automatic BST/GMT update.

Phone Line (for land line option): Analogue BT type line or PABX analogue extension.

GSM SIM: Supplied with O2 or Vodafone via Telguard Telecom.

Network Providers: Some networks do not allow data transfer via modem, the Electronic Voice Assist™ can be used in this instance. SIM cards from the network '3' are not compatible with the Telguard system.

Telephone Type: Standard tone generating telephone, cordless or mobile phone.

Tone Type: DTMF (Dual Tone Multi Frequency).

Programming: Installer programmed via SMS (GSM), dial in using a telephone or mobile via the Electronic Voice Assist™, via keypad (where fitted), remotely via modem or USB connection.

Face Plate Sizes : 200 mm x 90 mm, *(for Prox or Video please refer to website)*

Relays: Dual Opto Relay providing 2 x outputs supplied as standard, lock relay also available (please see website).

Cable Distance: Up to 300 metres from Hub (where applicable)

Relay Activation Time: 1 – 60 seconds, adjustable locally and remotely.

Volume: 1-9 adjustable locally and remotely.

Operating Commands: Default #, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#. All relay commands are configurable.

Exit Release Input: Via auxiliary input. Unable to be used with Day/Night feature.

Day/Night Feature: Able to call a different number at night to the number called during the day. Switched locally or remotely. Unable to be used with Exit Release Input facility.

Multi Number Calling: Up to 8 different follow on numbers are assignable to each call point.

Call Point Profile: This utilizes the on board time clock enabling custom profile functions to be activated.

Concierge: All call destinations are routed to one main number.

Authorised call access: Numbers stored in this part of the memory can activate a pre-determined relay simply by calling the number of the system and hanging up the call once ring tone is heard. If the number calling is on the authorised list the relay will activate. (Please note that the Land Line system requires CLI from the line provider for this function to operate).

SMS via Input: An SMS message may be sent (GSM only) on receipt of an output from equipment associated with the TelGuard. This could be to indicate low parking ticket paper on a parking system, or a passive detector to report movement, loop detector or an alarm.
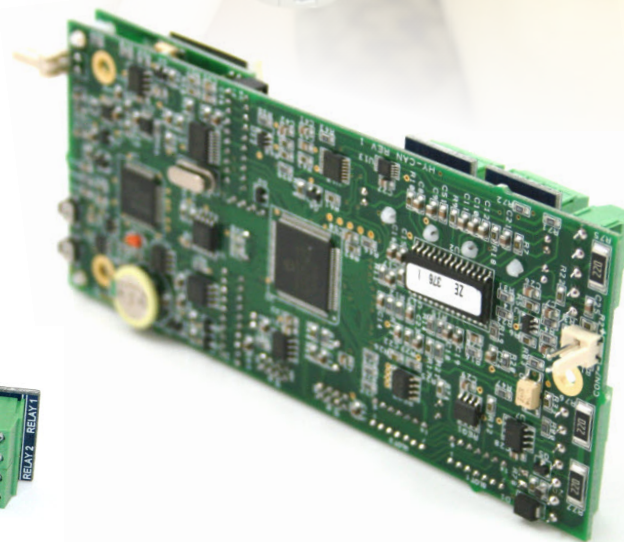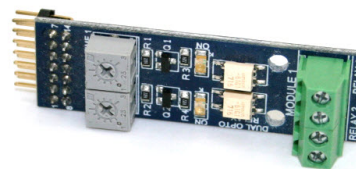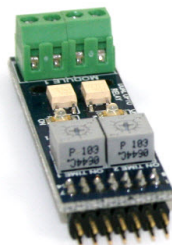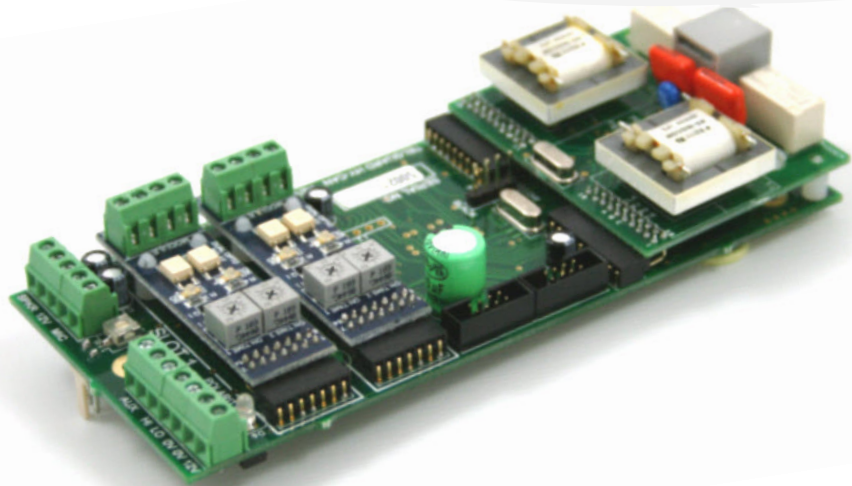
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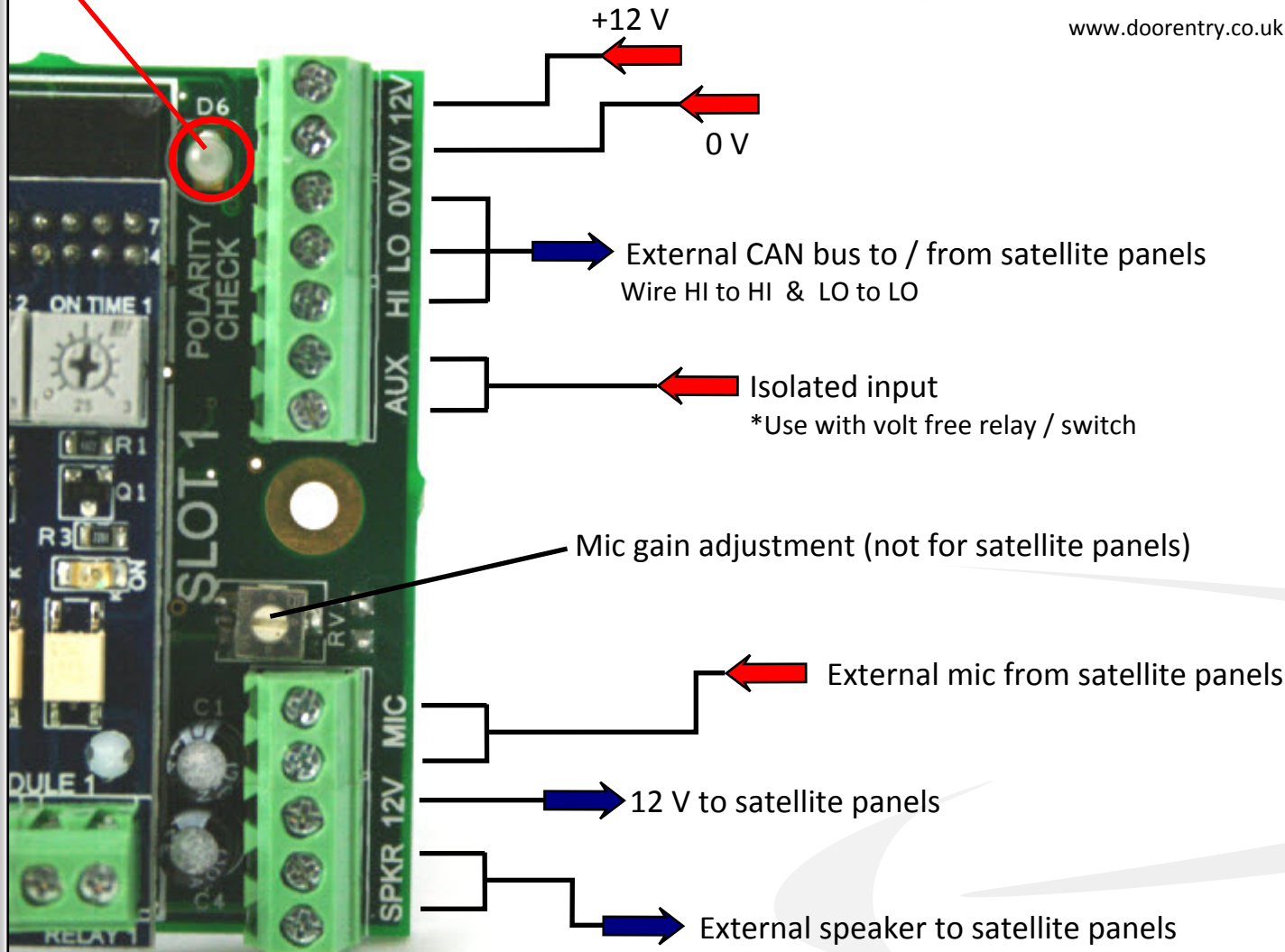
HY-CAN Quick Start

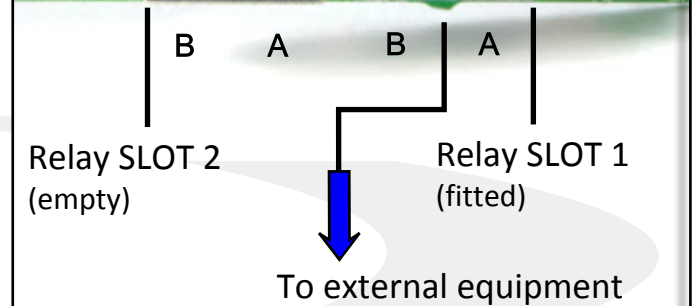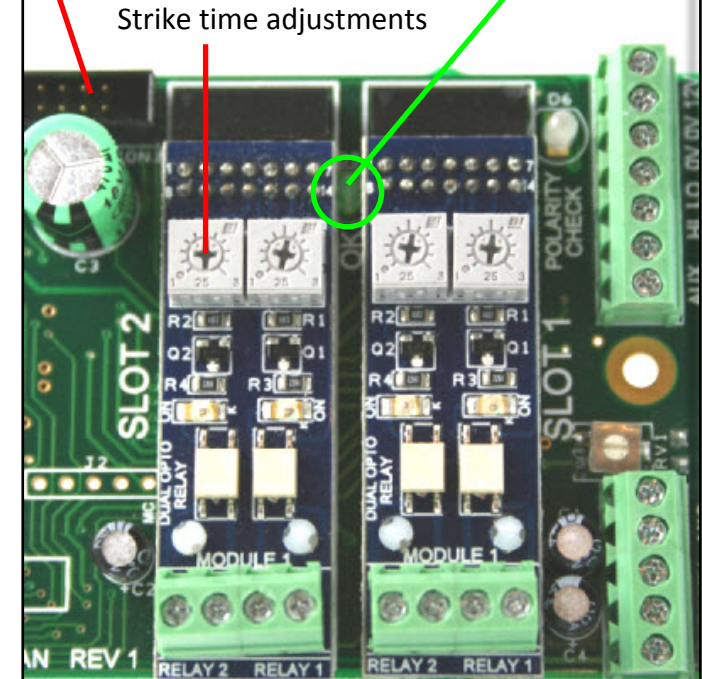## Connections & programming

Need help?
Call : 01306 710120

www.doorentry.co.uk

Polarity Check LED

* RED indicates +12v and 0v have been crossed over.
* GREEN indicates polarity OK

+12 V

0 V

External CAN bus to / from satellite panels
Wire HI to HI & LO to LO

Isolated input
*Use with volt free relay / switch

Mic gain adjustment (not for satellite panels)

External mic from satellite panels

12 V to satellite panels

External speaker to satellite panels

1 of 2 internal CAN bus Sockets,both wired in parallel

'OK' LED
Green flashing indicates normal operation

Strike time adjustments

B   A   B   A

Relay SLOT 2
(empty)

Relay SLOT 1
(fitted)

To external equipment

When changing relay modules power off before inserting. Ensure correct alignment.

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Modem bridge board

LED to show line looped for audio

Speaker connector

RJ11-4/6 telephone lead to PTSN

Local Up & Down Speaker volume

LED to show line looped for modem

PC Programming

Serial number

Dedicated programming Connector for PC via AVIT USB lead

Terminal emulator program required Please refer to web site for software.

Default relay codes for slot 1:

1# or # Pulse relay A **2#** Pulse relay B **3#** Latch relay A
4# Latch relay B **6#** Unlatch relay A **7#** Unlatch relay B

•**Default relay times** : Default set at 1 second (minimum). Maximum 240 seconds

• Various relay modules can be fitted in slots 1 & 2. Any adjustments in relay times can be done with the preset adjustment on the module locally or later adjusted over the Phone line.

-*For more information on relays please refer to web site.*

• **Default logins:** Short menu '**79**' followed by serial number.
Full menu '**87**' followed by serial number.
Modem short menu '**51**' followed by serial number.
Modem full menu '**25**' followed by serial number.

• Unit is designed to work with CPA (called party answered) enabled. BT provide this service free of charge and is obtained by Phoning telguard on 01306 710120. The Unit can operate without CPA Enabled but is not advised.

• The line connected to the telguard panel should be a single dedicated line. All additional services ie: ring back prompt, call minder must be removed. **Dial '150' for BT customer services/ Sales & billing** for this to take place.
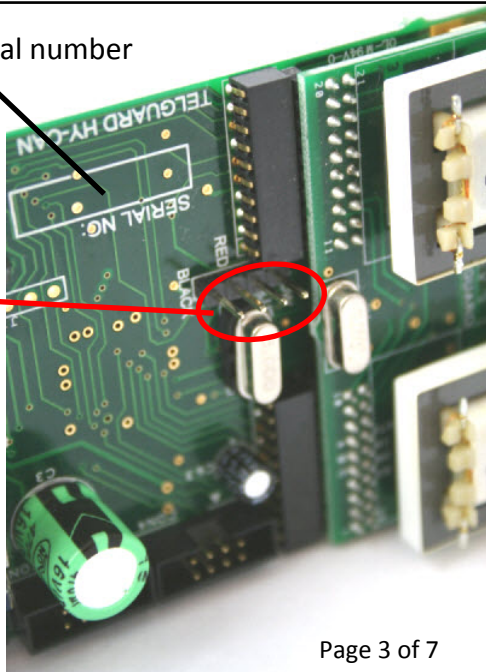
• Telguard Power supply units must be used and should not power any other equipment.

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Voice assist SHORT MENU *call point setup*

▷ 1. Dial into door entry unit

2. Press default '79' followed by serial number.

✔ Voice Assist is now active ➡

Enter '1' then 'STAR' to set telephone numbers

Enter '3' then 'STAR' to log into full menu.

Enter '0' then 'STAR' to exit configuration

" *Enter call point number to be configured followed by 'STAR'*"

⦿ ENTER CALL POINT FOLLOWED BY 'STAR'

"*When entering numbers press the hash key once to clear a bad entry. Wait for me to say 'cleared'. To insert a pause in a telephone number, press the hash key twice quickly. Wait for me to say 'pause'. To finish entering a sequence of secondary telephone numbers, make a blank entry. If necessary press hash to clear a previous telephone number then press star to enter a blank number*"

⚠ This allows access to the full menu. If you do need to alter any elements of the system that are not obtainable via the short menu then it is recommended that you use a PC or a modem to configure these features.

Terminates the session and hangs the line up.

"*Enter first phone number followed by star. Press 'STAR' now to keep: 01306 710120*"

⦿ ENTER NUMBER NOW

"*Enter ringing time in seconds followed by 'STAR'. Press 'STAR' now to keep '30'*"

⦿ ENTER NEW RINGING TIME NOW

⦿ ENTER '0' THEN 'STAR' TO END SESSION

Useful Tips

⦿ If at any stage you would like the Robot to repeat the last statement, press 'HASH' key when the Robot has stopped talking. Robot will then say: "I said

⦿ The robot voice can be changed in the full menu. Levels here can also be adjusted.

⦿ If you are at the Panel and require to set numbers, you can switch between listening on the phone or the panel. To activate this feature, key in: '1, 2, 3' and 'STAR'. Use this feature at the beginning of a session where possible. To return to phone repeat the above key in sequence.

Need help?
Call : 01306 710120

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Voice assist Full MENU *Pin Entry setup*
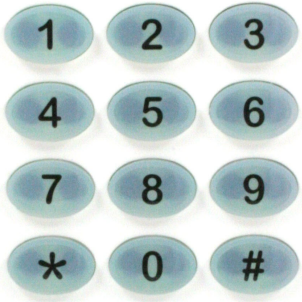
1. Dial into door entry unit. Alternatively you can use the keypad locally.

2. Press default '87' followed by the serial number to log into full menu.

✓ Voice Assist is now active

- Enter 2 followed by *star

- Enter 2 followed by *star

- Enter your new pin, can be no more than 8 digits long including * or #
  -wait six seconds after last key stroke .

- Enter '1' followed by *star to edit relays (this is to assign your pin to a relay)

- Enter '1' followed by *star to assign your pin to relay slot 1 **or** enter '2' followed by *star to assign pin to relay slot 2.

- Enter '1' followed by *star to **pulse A** (default 1 sec)
  Enter '2' followed by *star to **Latch A**
  Enter '3' followed by *star to **Unlatch A**
  Enter '4' followed by *star to **Pulse B**
  Enter '5' followed by *star to **Latch B**
  Enter '6' followed by *star to **Unlatch B**

  your pin and relay output is now saved

- Enter '0' followed by *star x3 times to return back to main menu.
  -If you need to exit configuration enter '0' followed by *star again-

- To Enter another pin repeat steps above from the main menu.

Your pin can consist of up to 8 digits including * & #. after you have entered your pin please wait six seconds after last key stroke for the pin to be saved.

Deleting a pin:

From the main menu:

Enter '2' followed by *star

Enter '2' followed by *star

Enter pin number you want to change, wait six seconds
(do not press *star unless part of the pin)

Enter '3' followed by *star

Enter '1' followed by *star to confirm delete

For deep editing of parameters it is suggested you use the AVIT USB lead & software provided with your Telguard unit. This allows you to connect directly to your unit via a PC (locally) or via modem (remotely). Instructions and driver installation are also located on the disc.
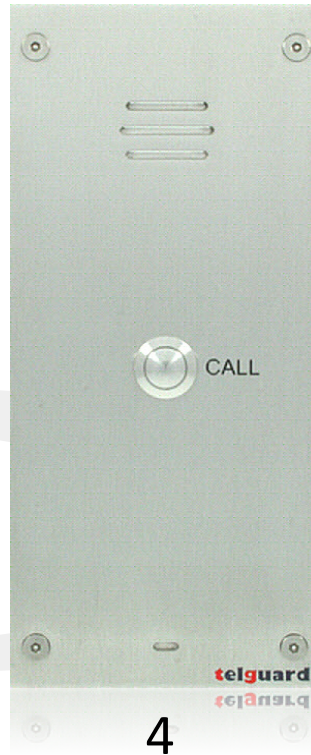
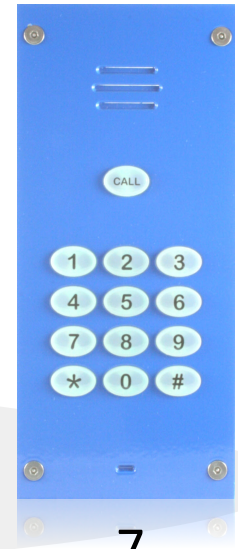**telguard**
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1

2

3

4

5

6

7
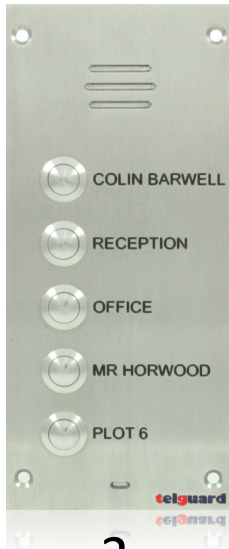
- Control up to seven Satellite panels
- Compatible with any telguard panel from the hy-can range
- Up to 300 M cable length between satellites & hub

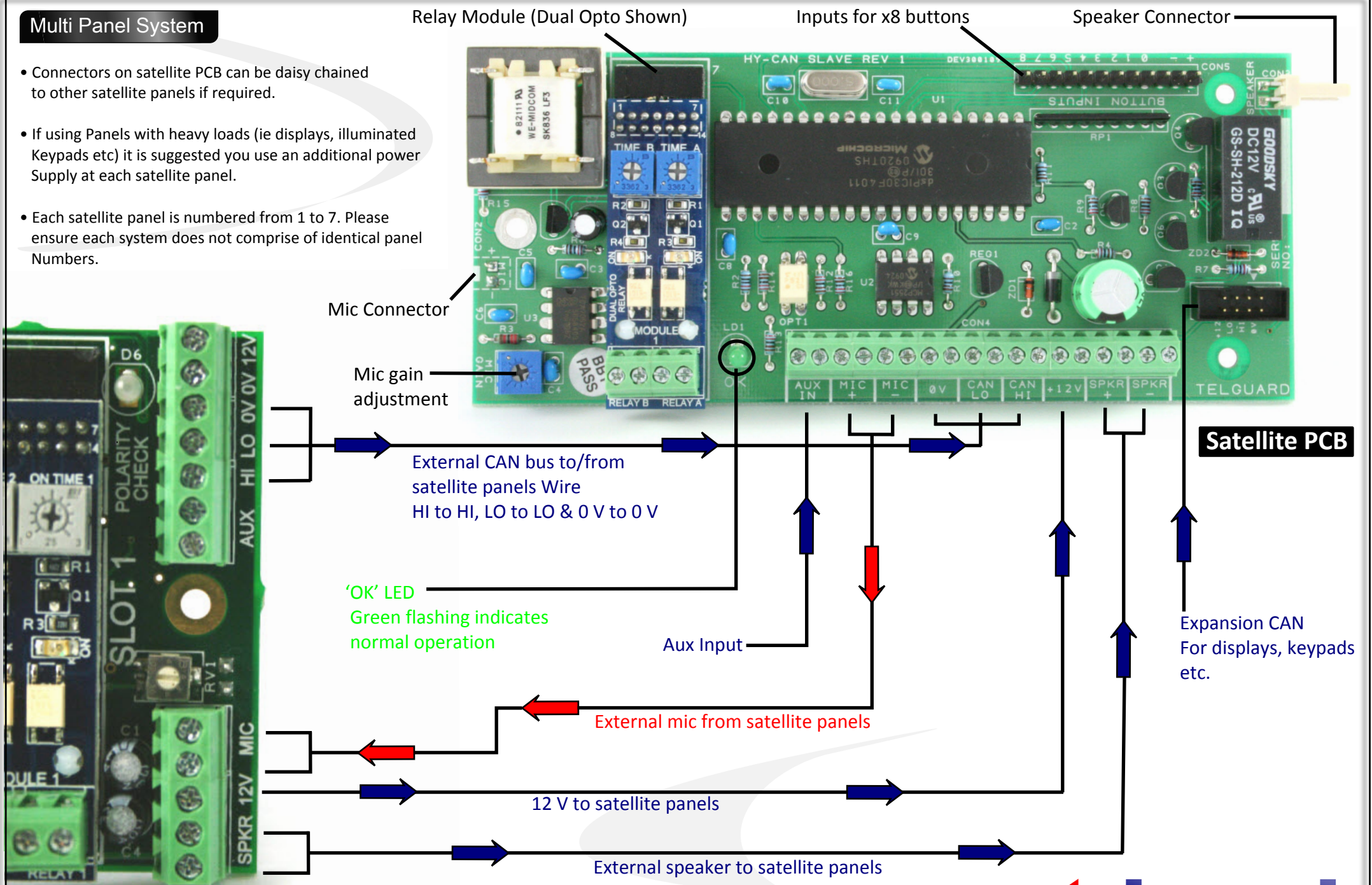— Satellite panels —

System HUB

- HY-CAN PCB
- Complete With Metal Enclosure
- Will control up to 7 Satellite panels

Satellite PCB

- Mounted to the rear of each Satellite panel
- Compatible with any telguard panel from the hy-can range

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...access to your home by the tone of your phone...™

Multi Panel System

- Connectors on satellite PCB can be daisy chained to other satellite panels if required.

- If using Panels with heavy loads (ie displays, illuminated Keypads etc) it is suggested you use an additional power Supply at each satellite panel.

- Each satellite panel is numbered from 1 to 7. Please ensure each system does not comprise of identical panel Numbers.

Relay Module (Dual Opto Shown)

Inputs for x8 buttons

Speaker Connector

HY-CAN SLAVE REV 1

Mic Connector

Mic gain adjustment

External CAN bus to/from satellite panels Wire
HI to HI, LO to LO & 0 V to 0 V

'OK' LED
Green flashing indicates normal operation

Aux Input

Satellite PCB

Expansion CAN
For displays, keypads etc.

External mic from satellite panels

12 V to satellite panels

External speaker to satellite panels

PCB HUB

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