

# TELACCESS® MIHP-TACS AND XSS/XSF MODELS



## TELACCESS® Installation and Programming Manual

Telephone based door entry  
1-2 Call-Button Panels



## Resident / Correspondent Information

### Please return completed form to:

(if blank return to NACD Ltd)

### Details

Flat N°  Floor N°

Name of Building

Name of Block

Title

First Name(s)

Surname

Address

Postcode

## TELACCESS®

OFFICE USE ONLY

### Day Mode

Enter telephone, extension or mobile number

Call-Button N° 1 calls

Call-Button N° 2 calls

### Night Mode

Enter telephone, extension or mobile number

(if applicable, otherwise write n/a)

Call-Button N° 1 calls

Call-Button N° 2 calls

## TVTEL®

[telephoneentry.co.uk](http://telephoneentry.co.uk)

modern telephone based door entry

**N.A.C.D. Limited** Unit 10, Avebury Court,  
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[www.telephoneentry.co.uk](http://www.telephoneentry.co.uk)

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## BASIC USER & VISITOR OPERATION

### Visitors

Visitors simply press either Call Button no. 1 or no. 2 in the normal way. The panel will speed dial the relevant pre-programmed telephone or extension number and the handset will ring for a maximum of 99 seconds (default setting = 25 seconds). If there is no answer or, the line is busy, the panel will revert to standby mode.

If your answering machine or BT call-minder answers the call, your visitor can leave you a message.

Pressing the call-button again whilst the panel is dialling will cancel the call.

Pressing the call-button whilst in communication will end the call.

### How do I know the call is from the door ?

Every time you answer a call from the panel you will hear 3 short beeps.

### Opening the door from the handset

You can use any touch-tone (DTMF) phone – fixed, cordless or mobile to answer a call from the panel. To open the door/gate (activate the relay), simply press and immediately release the **0** on your handset. You will hear 3 short beeps to confirm that you have successfully opened the door. If you hear 2 long beeps it means that you pressed the wrong button.

### Secrecy of lock

You can only open the door by pressing the **0** on your handset whilst you are in communication with the visitor at the door.

### What if I do not want to let the visitor in?

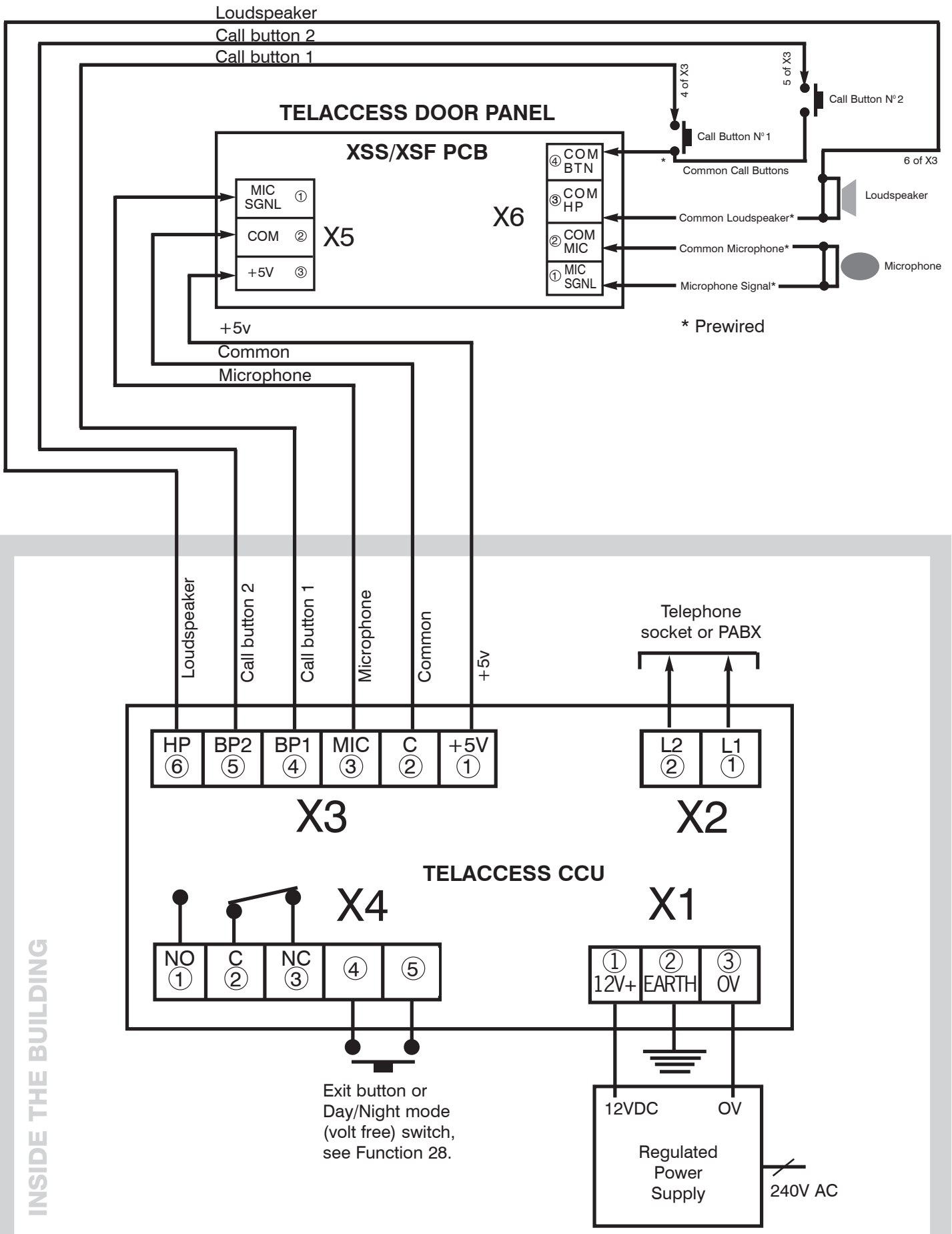
Don't press the 0 button and put the phone down.

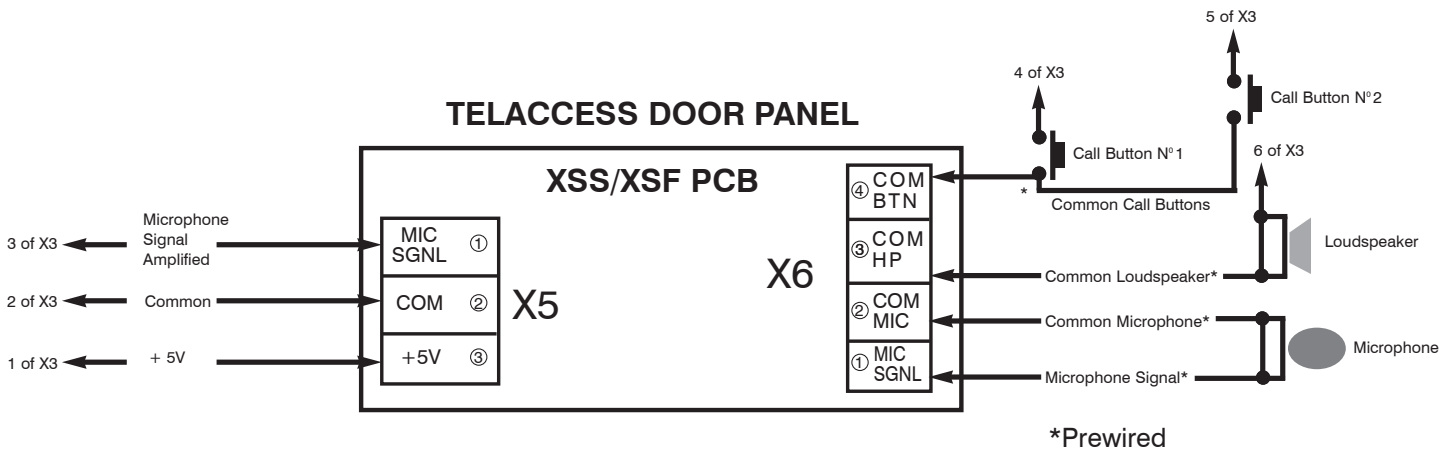
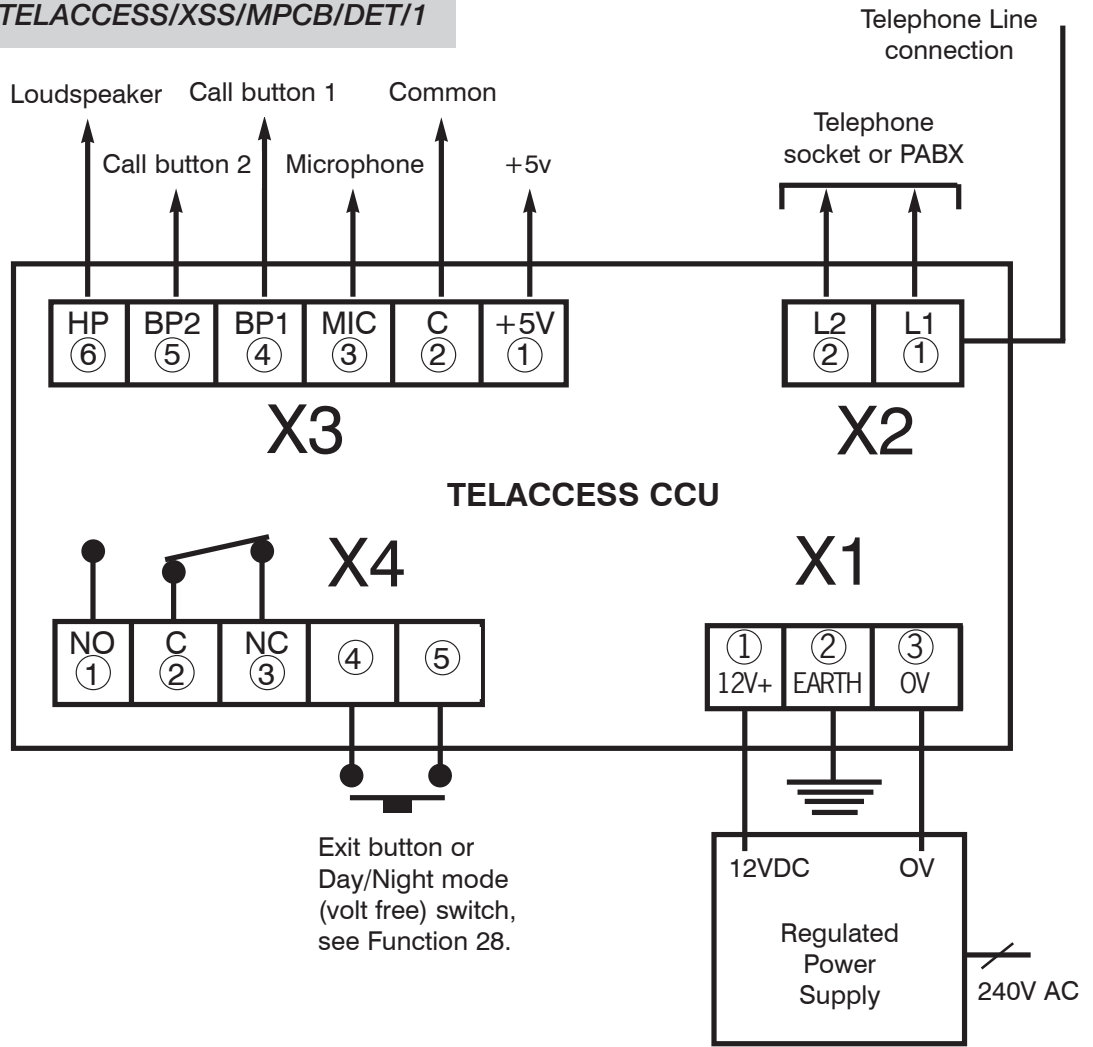
### Web Site

For additional information simply visit:

**[www.telephoneentry.co.uk](http://www.telephoneentry.co.uk)**

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The BT line serving the Door Panel only should be:

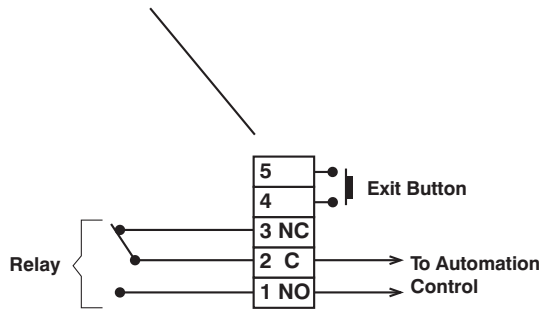
- A** Single line PBX.
- B** "Ring Back Prompt" must be removed.

Simply dial 150 for BT Customer Services and go to Sales or Billing. Ask to have the "Ring Back Prompt" i.e. the "Ring Back Facility" removed from the telephone line that is connected to the Door Panel.

**Automation Control / Volt Free**

TELACCESS/AUTO/0504

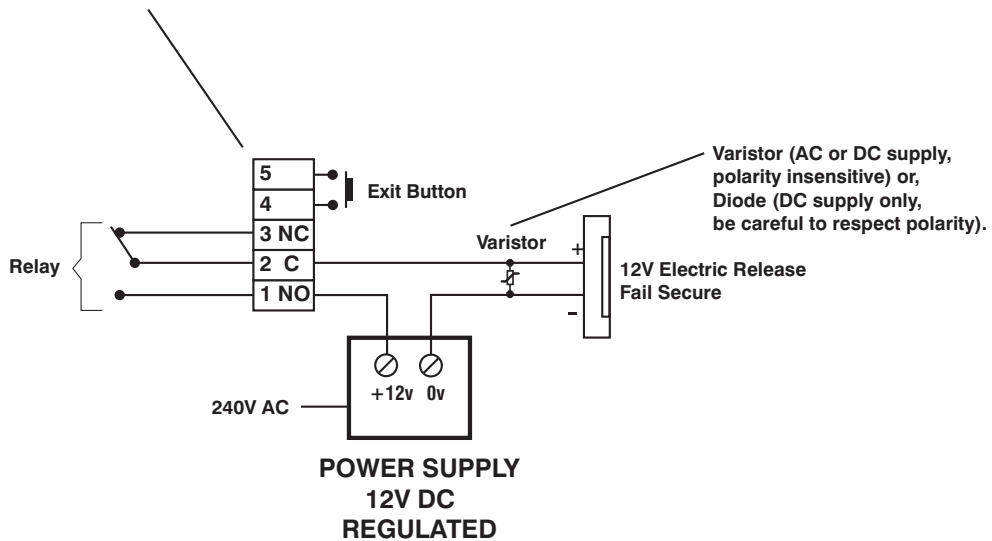
**Connector Block X4**



**Fail Secure Locking**

TELACCESS/LFSEC/0504

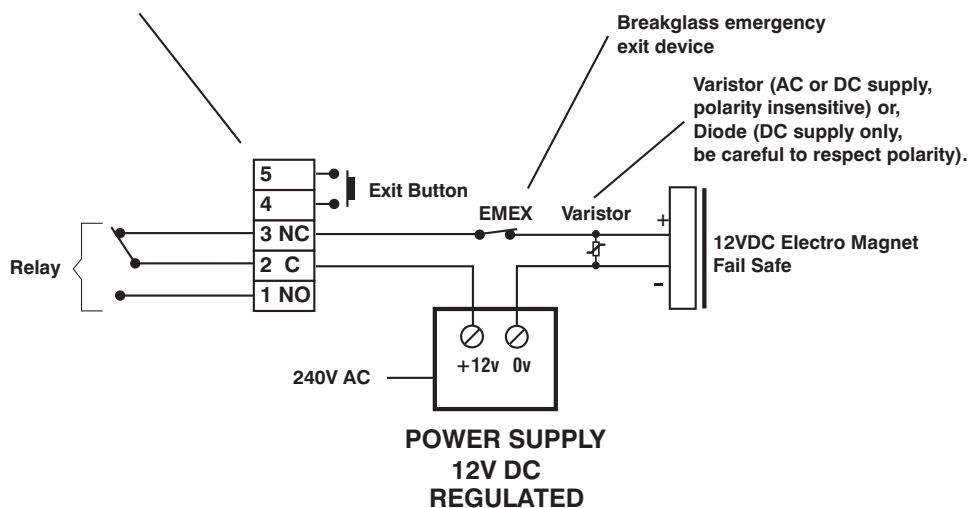
**Connector Block X4**



**Fail Safe Locking**

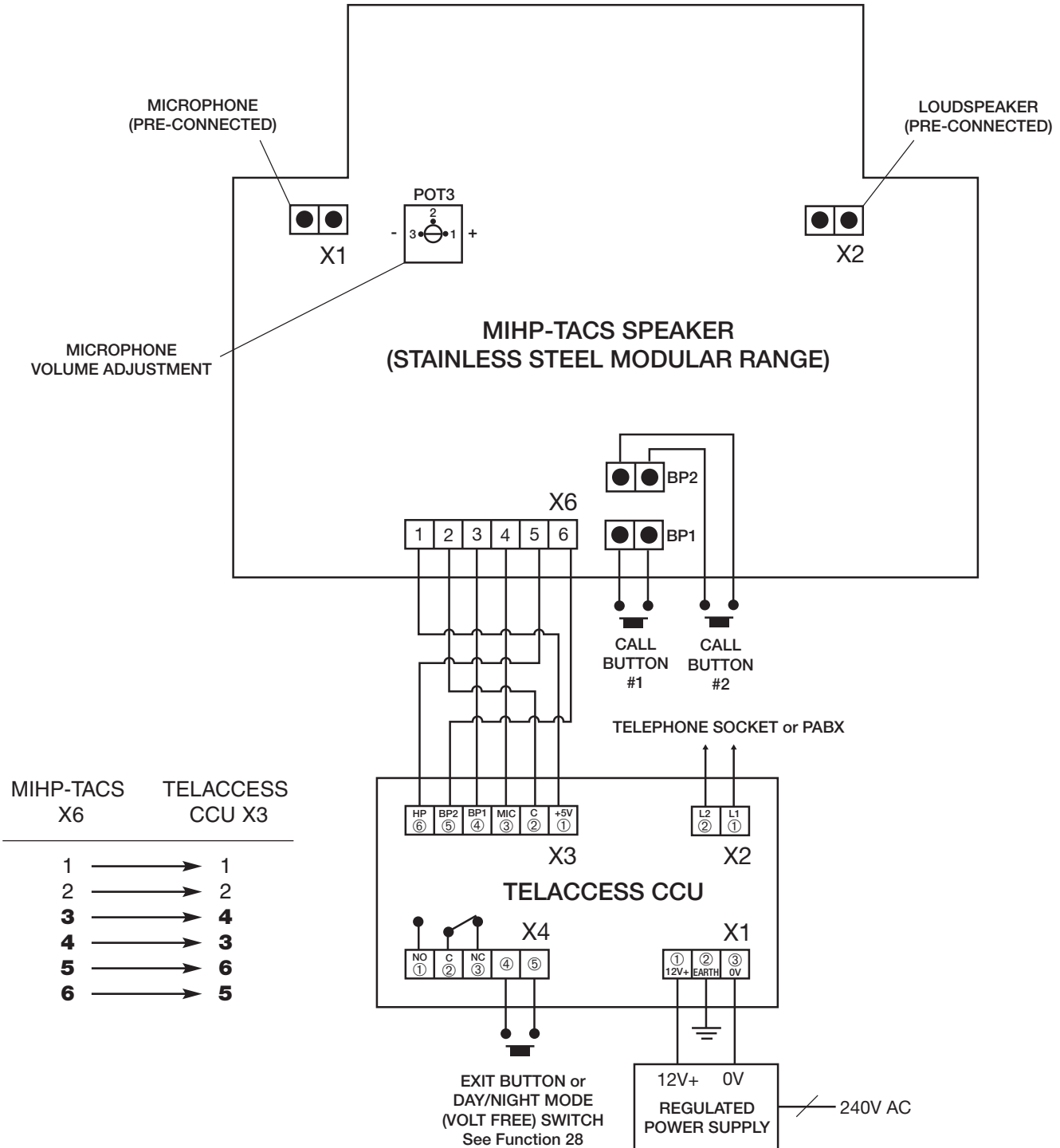
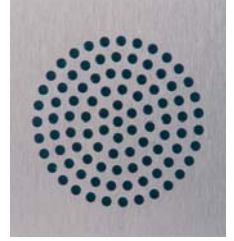
TELACCESS/LFSAFE/0504

**Connector Block X4**



# MIHP-TACS SPEAKER & TELACCESS CCU

MIHP-TACS/0707/1



## BASIC SYSTEM

The panel can have 1–2 call buttons.

It comprises of a 12VDC powered kit that enables the interface of the TELACCESS® XSS/XSF or MIHP-TACS onto either a BT telephone line or, analogue extension socket off a PABX telephone system. The panel can call any number, whether an internal extension number or external telephone number.

### Equipment:

- 1) Din rail mounted PCB kit, requiring 12VDC regulated supply installed inside building or weatherproof cabinet.
- 2) TELACCESS® external panel.

## Programming.

The panel is programmed remotely via a touch-tone (DTMF) telephone. Using a standard touch-tone (DTMF) telephone, dial the telephone number of the panel.

The panel confirms the connection by emitting 3 short beeps.

### Notes:

- 1) Correct programming inputs of function numbers are acknowledged by: 1 long beep.
- 2) Correct programming inputs of parameters are acknowledged by: 3 short beeps.
- 3) Incorrect programming inputs are acknowledged by: 2 long beeps.
- 4) A maximum of 10 seconds are allowed for each programming input - if exceeded, the panel reverts to standby mode.
- 5) No programming entries are possible when the panel is emitting acknowledgement beeps.
- 6) Enter **00** to exit from programming mode.

## Dialling In from Remote Handset.

Any DTMF (touch tone) telephone handset can call a panel simply by dialling (1) The telephone number of the line it is connected to or, (2) The extension number if it is connected to a PABX extension socket.

The panel does not ring and answers the call automatically in “FULL COMMUNICATION” mode which allows the caller to immediately talk to the visitor and, if required, open the door.

## Day / Night mode.

*Default 0=Exit button ON, Day/Night switch via DTMF.*

The panel offers a Day / Night feature ie the call-button will dial a different telephone number at night to the one it dialled during the day.

There are two settings:

- (1) Switching from Day to Night mode via the pressing of an external switch that is hardwired to terminals 4 & 5 of X4 on the equipment ie sends a voltfree pulse.  
or
- (2) Switching from Day to Night mode via dialling into the panel from a remote handset and pressing a sequence of buttons.

Programming of setting:

*Function*                      *Via DTMF*

↓                                      ↓

\*2000 # (3 short beeps) 28 (long beep) 0 = Exit button (terminals 4 & 5 of X4) enabled, switch Day/Night via remote handset.

↑                                      ↑

*Program*                                      *Program*

*Function*                      *Via Switch*

↓                                      ↓

\*2000 # (3 short beeps) 28 (long beep) 1 = Switch Day/Night via external switch, exit button disabled.

↑                                      ↑

*Program*                                      *Program*

Function  
28

**Switching between Day / Night mode from a remote handset after dialling in:**

Dial into the panel. The panel confirms the connection by emitting 3 short beeps.

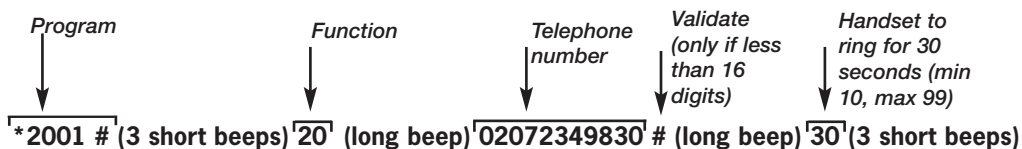
Enter on your handset:

# \* 0 to switch to Night mode.

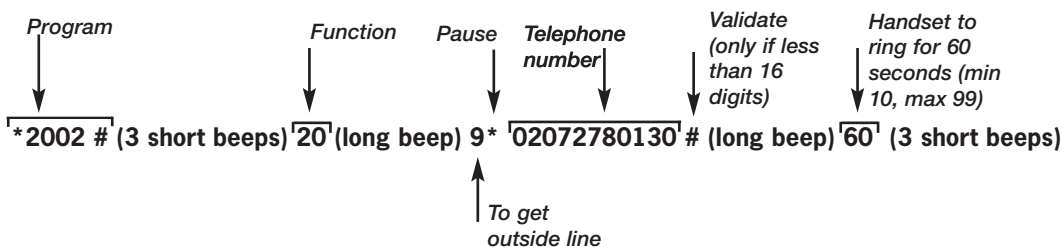
# \* 1 to switch to Day mode.

**Programming Day Telephone numbers.**

Example for Call Button n° 1.



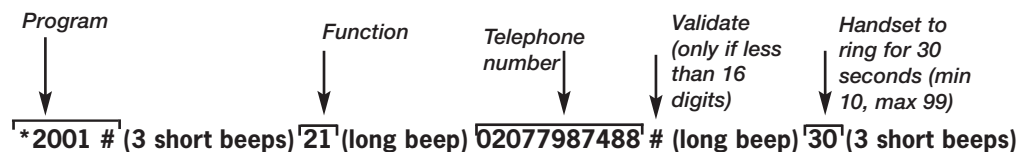
Example for Call Button n° 2.



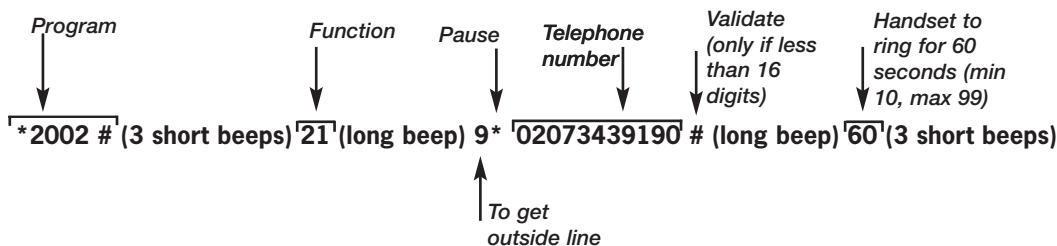
**Function 20**

**Programming Night Telephone numbers.**

Example for Call Button n° 1.

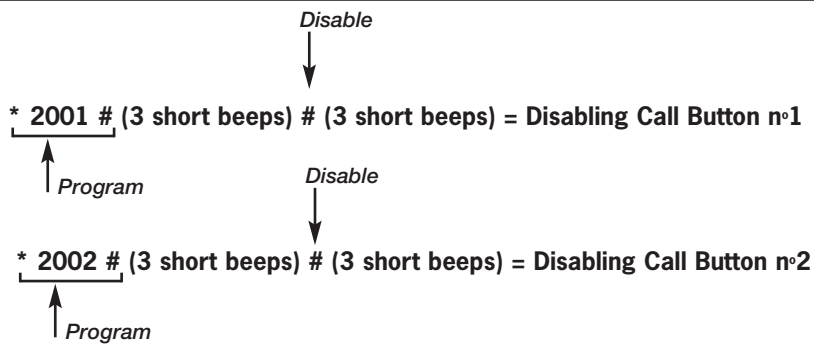


Example for Call Button n° 2.

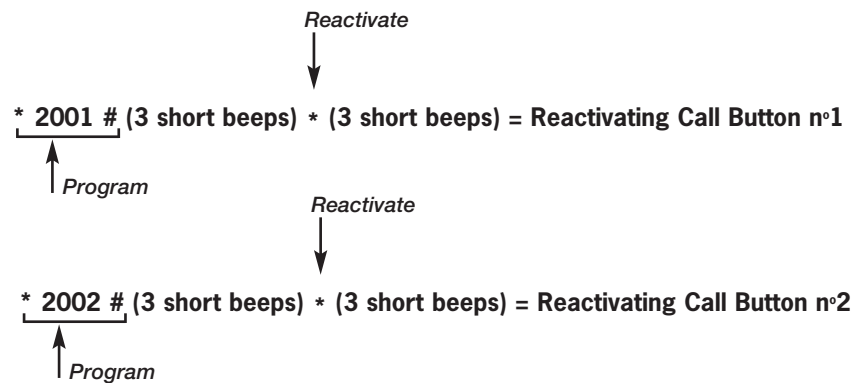


**Function 21**

**Disabling Call-Buttons.**



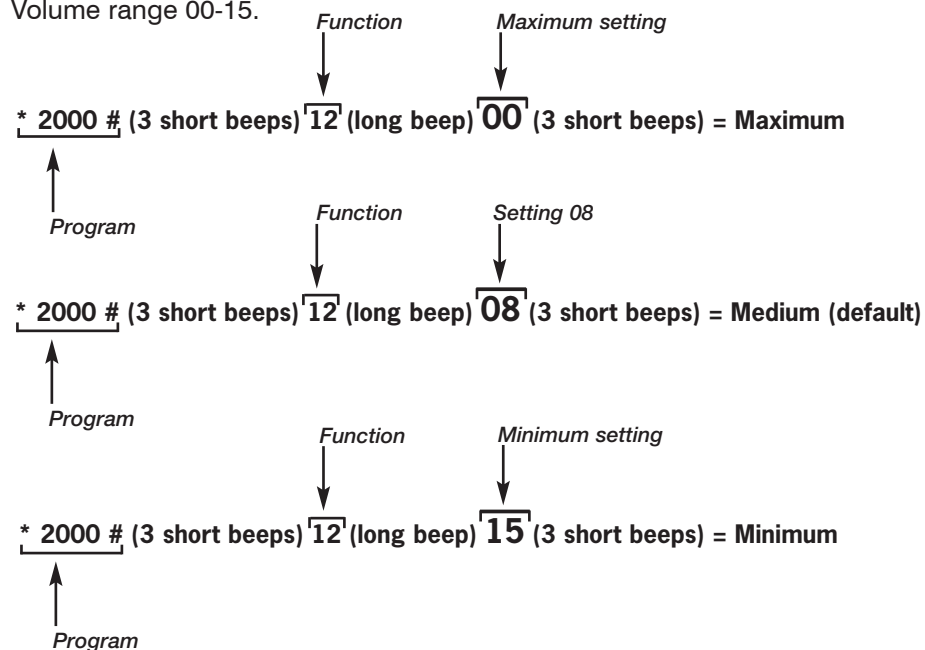
**Reactivating Call-Buttons.**



**Loudspeaker Volume**

Default setting is 8.

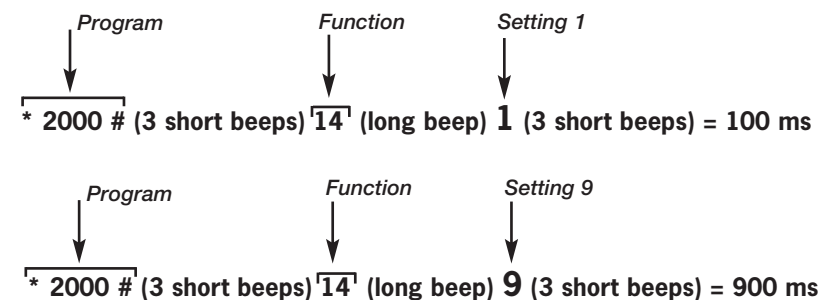
Volume range 00-15.



**Press Duration of Call-Buttons**

Default setting is 0 = Immediate.

Options are: 1 = 100 ms, 2 = 200 ms, 3 = 300 ms, 4 = 400 ms, 5 = 500 ms, 6 = 600 ms, 7 = 700 ms, 8 = 800 ms, 9 = 900 ms.



I.E. How long does the button have to be pressed before it is acknowledged ?

**Function  
12**

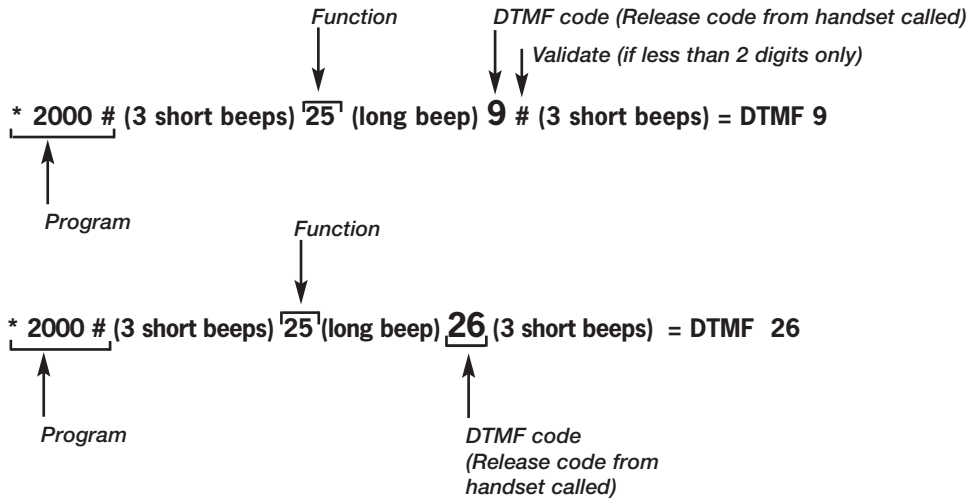
**Function  
14**

**Programming DTMF Code for activating the relay**

Default door release code = 0

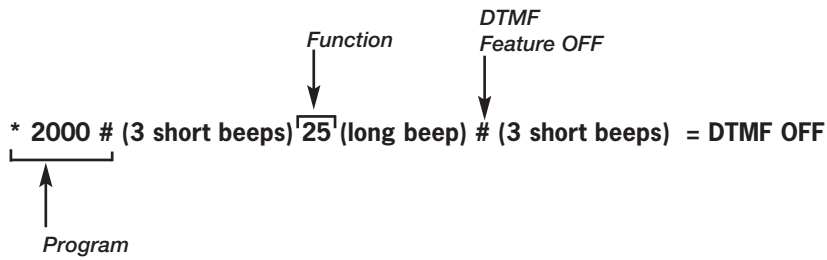
From the handset called ie to activate the relay, the person answering the call must enter a 1 or 2 digit code on the keypad of the handset.  
Default DTMF code = 0.

**Function 25**



Note:  
If DTMF code is only 1 digit, enter # after number (digit) chosen.

**To disable the DTMF remote opening function:**

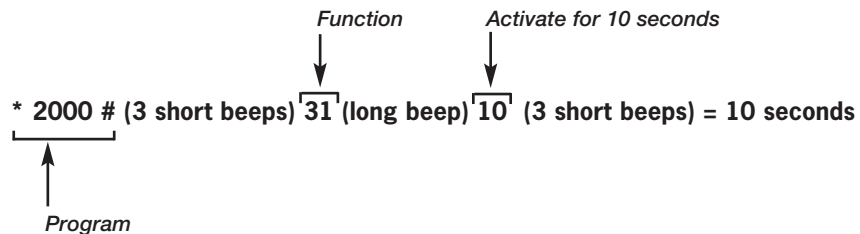


**Programming Operating Time for the relay**

Default setting = 05 seconds

For how many seconds is the relay to operate when activated.  
Minimum 01 seconds, maximum 99 seconds.

**Function 31**

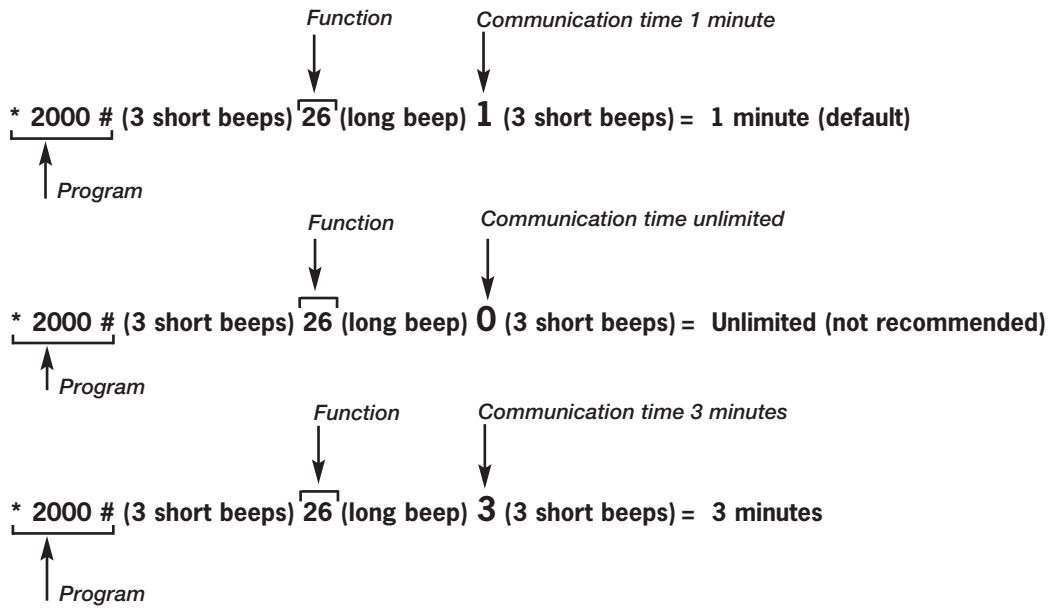


**Programming Communication Time**

*Default = 1 minute*

Communication time between the panel and the handset called can be from 1–9 minutes or, of unlimited duration.

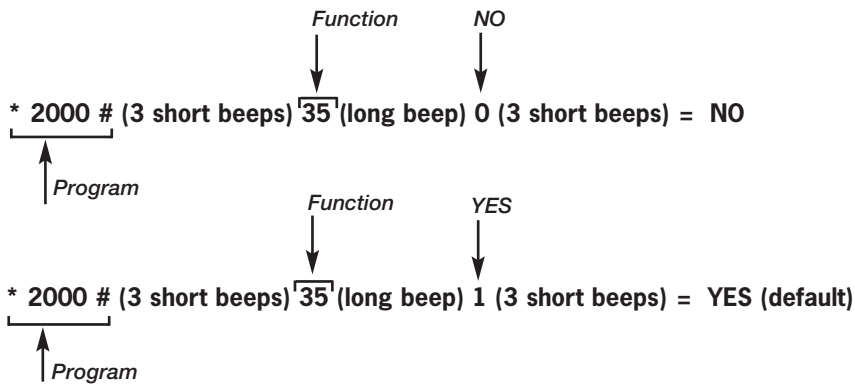
**Function 26**



**Communication ends after activation of relay**

*Default = Yes*

**Function 35**

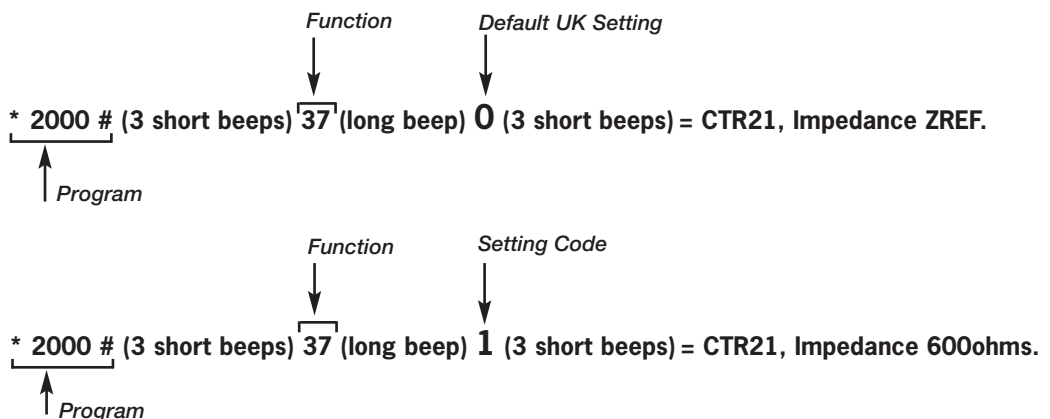


**Programming DAA & Impedance Setting**

*Default is 0 = CTR21, ZREF*

Do not change the UK default setting if connected directly into a BT telephone line via a standard single line jack master socket. This programming feature may apply if the panel is connected to a PABX system although the default setting is correct for nearly all PABX systems installed in the UK.

**Function 37**

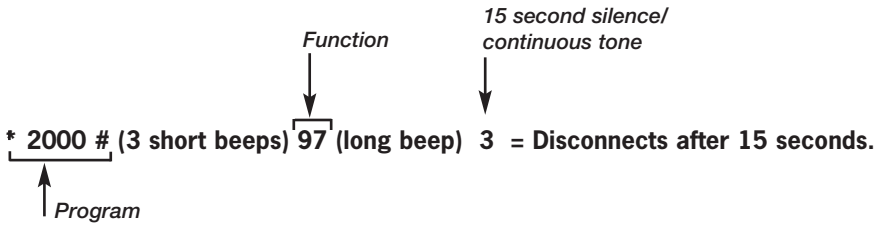
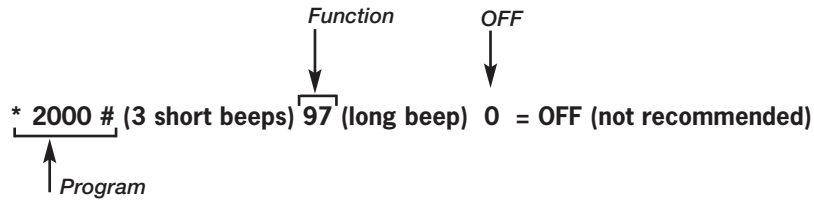


**Disconnect after silence of or, continuous signal of X seconds.**

Panel will hang-up if (default settings):

- (1) No voice or DTMF is detected for 10 seconds.
- (2) There is a continuous tone for 10 seconds.

Range: 1 = 5 seconds, 2 = 10 seconds, 3 = 15 seconds.....9 = 45 seconds.

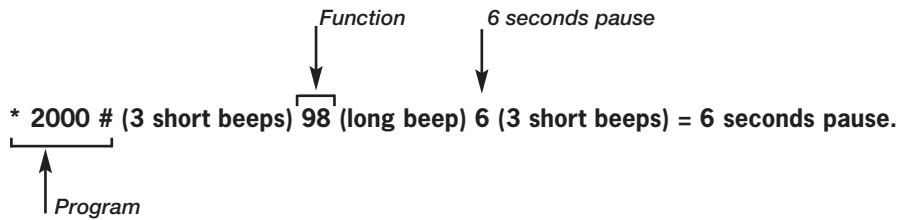
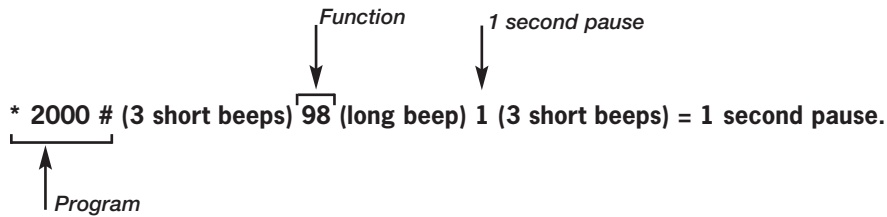


**Function 97**

**Automatic Pause prior to dialling**

Default setting = 2 seconds

The panel can be programmed to pause from 1-6 seconds before dialling the telephone or extension number.



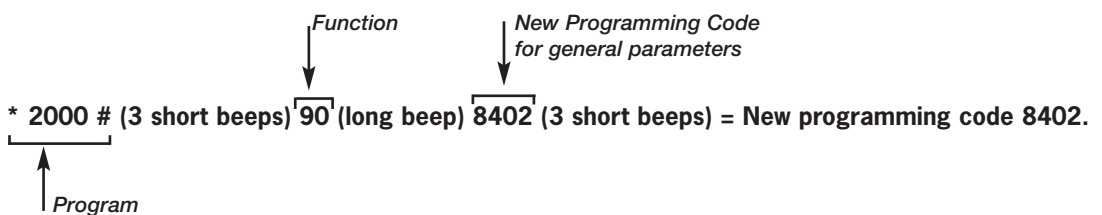
**Function 98**

**Changing General Parameters Programming Code 2000**

Default Programming Code = 2000

The programming code must be 4 digits in length.

To change the code:



**Function 90**

Call-Button N° 1 = Default 2001  
 Call-Button N° 2 = Default 2002

**Function  
91**

The programming code must be 4 digits in length. To change the code for a particular Call-Button:

= New programming code for Call-Button N° 1 is 1200

= New programming code for Call-Button N° 2 is 1201

**Example: In the future, to program Call-Button N° 1 you will need to enter:**

<b>Connections:</b>	(1)	BT (Ex-Directory) standard single line PBX jack master socket within 50 metres of TELACCESS® CCU. <b>Call BT on 150 to have "Ring Back Prompt" removed.</b> or
	(2)	PABX extension of the internal telecommunications network of a company. Socket to be analogue type (2 wire non digital) or digital with analogue simulation.
<b>Telephones:</b>	(1)	Standard analogue DTMF "Touch Tone"
	(2)	Mobile telephone
	(3)	Cordless telephone
<b>REN Loading:</b>	=1	Maximum REN on any PSTN line = 4. If any 3rd party equipment connected in parallel, for example: burglar alarm, facsimile machine etc. REN loading limit must not be exceeded.
<b>Power Supply:</b>	12V DC REGULATED	
<b>Power Consumption:</b>	Standby 30mA, Maximum 150mA	
<b>CE Norms:</b>	EN60950 EN55022 Edition 98 Class B EN55024 Edition 98 Class B	
<b>Telecommunications Norms:</b>	CTR21	
<b>Number of Relays:</b>	1	
<b>Relay Timer:</b>	1-99 secs	
<b>Relay Contact Ratings:</b>	2 Amps at 12V DC 1 Amp at 24V DC	
<b>Request to Exit:</b>	1	
<b>Programming:</b>	Remotely via a Touch-tone (DTMF) telephone.	
<b>System Capacity:</b>	1-2 Call - Buttons	
<b>Non-Volatile memory:</b>	Yes	

#### Default Parameters "Factory Settings"

<b>Relay activated by:</b>	
<b>Telephone handset code</b>	0
<b>Operational time (seconds)</b>	5
<b>Communication time</b>	1 minute
<b>Handset rings for (seconds)</b>	25
<b>Ring tones</b>	BT settings
<b>Busy tones</b>	BT settings

#### The BT line servicing the Door Panel only should be:

- A** Single line PBX.
- B** "Ring Back Prompt" must be removed.

Simply dial 150 for BT Customer Services and go to Sales or Billing. Ask to have the "Ring Back Prompt" i.e. the "Ring Back Facility" removed from the telephone line that is connected to the Door Panel.



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