GTTLI

200027

TELEPHONE LINE INTERFACE FOR GT SYSTEM WITH VOICE MESSAGES

PRECAUTIONS

General Prohibitions | Prohibition to Dismantle the Unit | Prohibition on Subjecting the Unit to Water | General Precautions

⚠WARNING

(Negligence could result in death or serious injury to people)

1. High voltage is present internally. Do not open the case. Electric shock could result.
2. Do not dismantle or alter the unit. Fire or electric shock could result.
3. Do not connect any non-specified power source to the +, - terminals, and do not install two power supplies in parallel to a single input. Fire, damage to the unit, or system malfunction could result.
4. Keep the unit away from water or any other liquid. Fire or electric shock could result.
5. Do not put any metal or paper into the unit through the openings. Fire or electric shock could result.
6. Do not plug or unplug with wet hands. Electric shock could result.
7. Keep AC plug away from moisture or dust. Fire could result.
8. Keep AC cord from being marred or crushed. If the AC cord is fractured, fire or electric shock could result.
9. Do not use a power supply with a voltage other than specified. Fire or electric shock could result.
10. Insert AC plug completely and securely into AC outlet. Otherwise, fire or electric shock could result.
11. The unit is not of explosion-proof. Do not install or use near gases or flammable materials. Fire or explosion could result.

⚠CAUTION

(Negligence could result in injury to people or damage to property)

1. Before turning on power,make sure wires are not crossed or shorted. Fire or electric shock could result.
2. When mounting the unit on wall, install the unit in a convenient location, but not where it could be jarred or bumped. Injury could result.
3. Do not install or make any wire terminations while power supply is plugged in. It can cause electrical shock or damage to the unit.
4. Do not install the unit in any of the following locations. Fire, electric shock, or unit trouble could result.
   * Places under direct sunlight, or near heating equipment that varies in temperature.
   * Places subject to dust, oil, chemicals, hydrogen sulfide (hot spring).
   * Places subject to moisture and humidity extremes, such as bathroom, cellar, greenhouse, etc.
   * Places where the temperature is quite low, such as inside a refrigerated area or in front of air-conditioner.
   * Places subject to steam or smoke (near heating or cooking surfaces).
   * Where noise generating devices such as dimmer switches, invertor electrical appliances, are closeby.
5. On products with ground terminals, connect to an earth ground. Fire or malfunction could result.
6. For DC powered systems, use Aiphone power supply model specified with system. If non-specified product is used, fire or malfunction could result.
7. Do not put anything on or cover the unit with cloth, etc. Fire or unit trouble could result.
8. Do not put high pressure on the monitor cover. If fractured, injury could result.
9. If LCD is punctured, do not allow contact with the liquid crystal inside. Inflammation could result. If necessary, gargle your mouth and clean your eyes or skin with clear water for at least 15 minutes, and consult your doctor.
10. Do not mount the unit in a place subjected to constant vibration or impact. If jarred or knocked off the wall, injury could result .

GENERAL PRECAUTIONS

1. All the units, except for door station, is designed for indoor use only. Do not use outdoor.
2. In areas where broadcasting station antennas are close by, the intercom system may be affected by radio frequency interference.
3. If a cellular phone is used close by, the unit may malfunction.
4. This product, being a control unit of door release, should not be used as a crime-prevention device.
5. It must be noted in advance that the LCD panel, though manufactured with very high precision techniques, inevitably will have a very small portion of its picture elements always lit or not lit at all. This is not considered a unit malfunction.
6. Door station is weather-resistant, but do not spray high-pressure water. Unit trouble could result.
7. Keep the unit more than 1 m away from Radio or TV set.
8. For wiring, specify CAT5e straight cable.
9. Due to the environmental sound around the unit, it may hinder smooth communication, but this is not a malfunction.
10. When outside temperature lowers sharply after rainfall, etc., the inside of camera may fog up slightly, causing a blurry picture, but this is not a malfunction. Normal operation will be restored when moisture evaporates.

PACKAGE CONTENTS

[1]

[2]

[3]

[4]

Contains of parcel :

[1] User manual
[2] GTTLI cabinet
[3] RJ cable
[4] Power supply (230V 50Hz European plug)

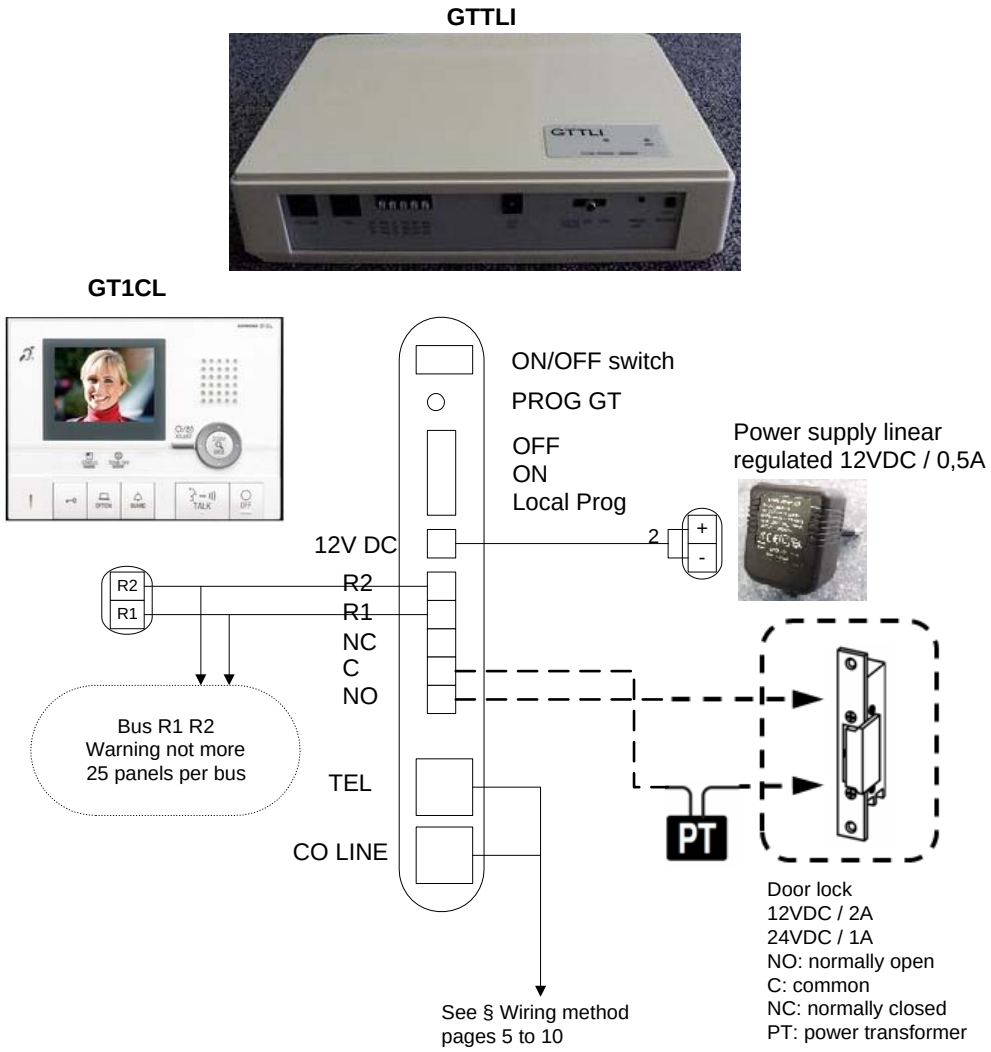
INSTALLATION

GTTLI can be installed:

- put down on a furniture or
- wall mounted (use for example two screws type M3,5).

GTTLI must be installed as far as possible from humidity or heating source.

1 – GTTLI wiring



Connections:

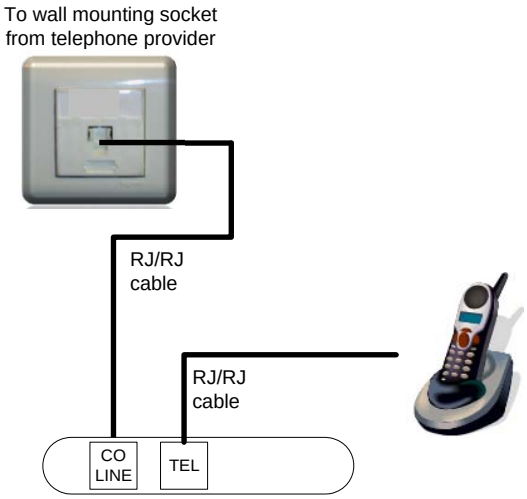
- **Internal house telephone set**: plug RJ11 4 points named 'TEL' (points 1 & 4),
- **Telephone Line**: plug RJ11 4 points named 'CO LINE' (points 2 & 3),
- **Power supply 12VDC +/- 10% linear regulated**: internal connection + (12VDC), external connection - (0V)
  (Consumption: 550mA in work), installed not far from 3 meters from GTTLI.
- **Connection with GT1CL**:
  - connect R1 from GT1CL to R1 of GTTLI,
  - connect R2 from GT1CL to R2 of GTTLI,
- **Relay on GTTLI**:
  - normally open (NO) on NO,
  - common on C,
  - normally closed (NC) on NC.

  Relay Contact Ratings: 2 Amp/12VDC - 1Amp/24VDC.

Connecting GTTLI system regarding existing telephone installation

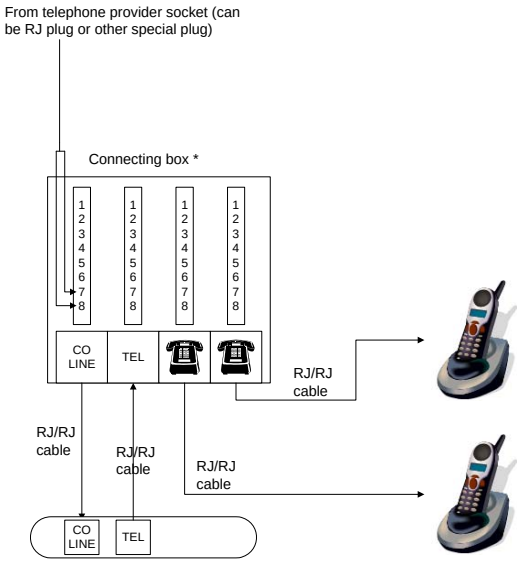
We propose here a few examples depending on the existing installation, one telephone set, two to three telephone sets, XDSL Box or with a Pabx.
WARNING: GTTLI accepts a maximum of 3 telephone sets.

2.1 – Installation with one telephones set



GTTLI

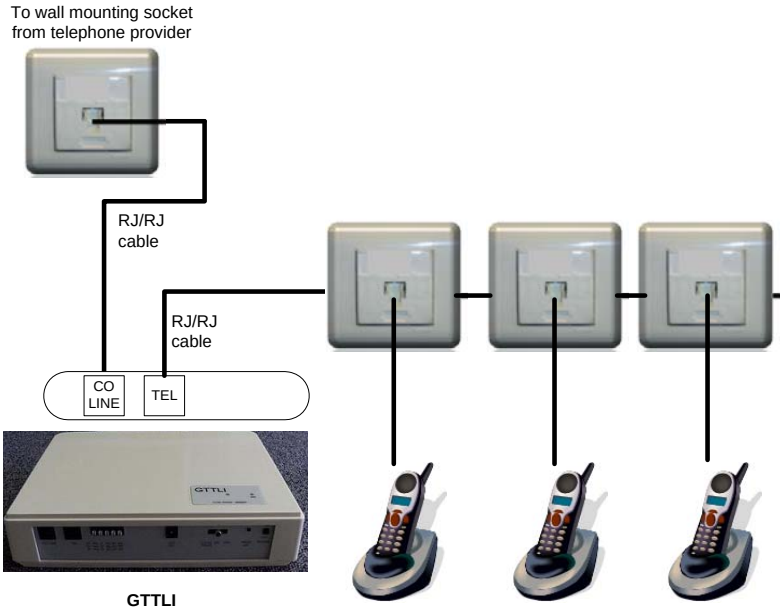
2.2- Installation with two telephones sets



JKTLI

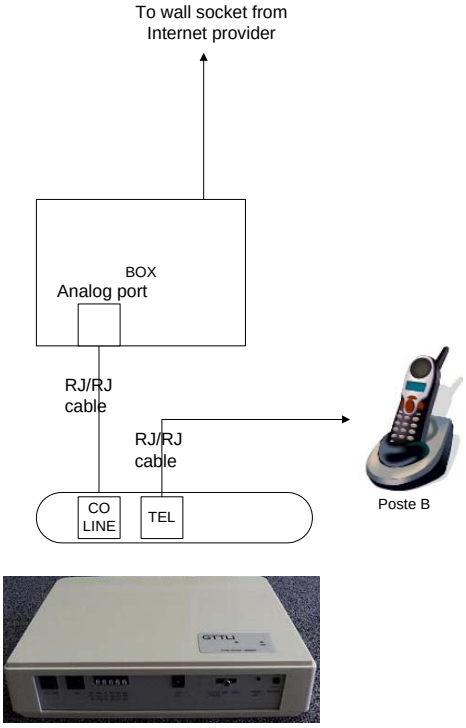
* Connecting box provided on request (reference: 902991)

2.3 – Installation with three telephones sets



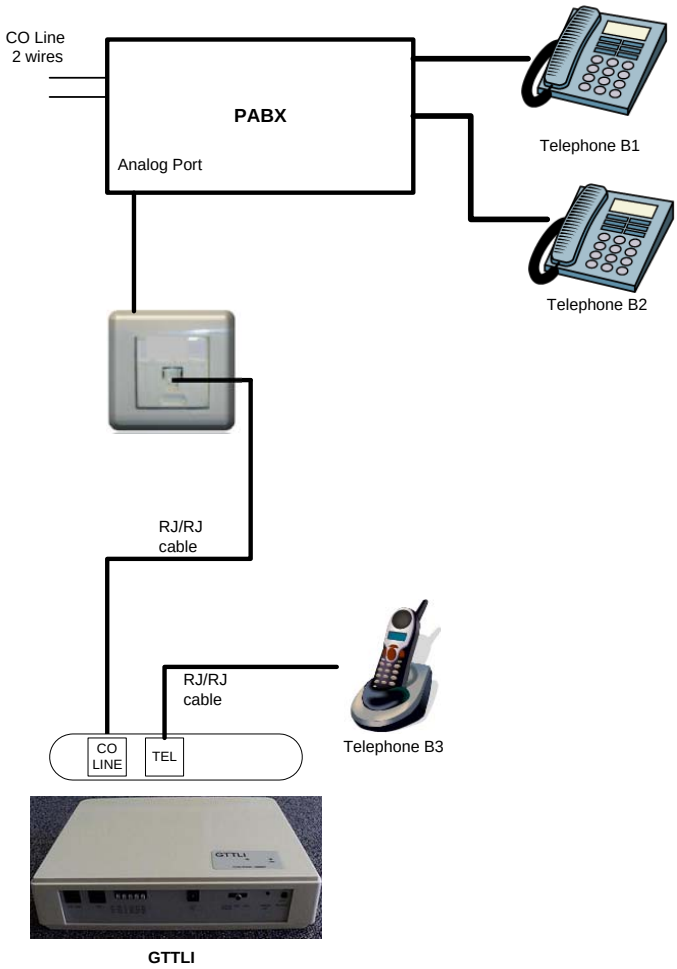
GTTLI

2.4 – With XDSL Box which includes an analog port:



GTTLI

2.5 - With PABX

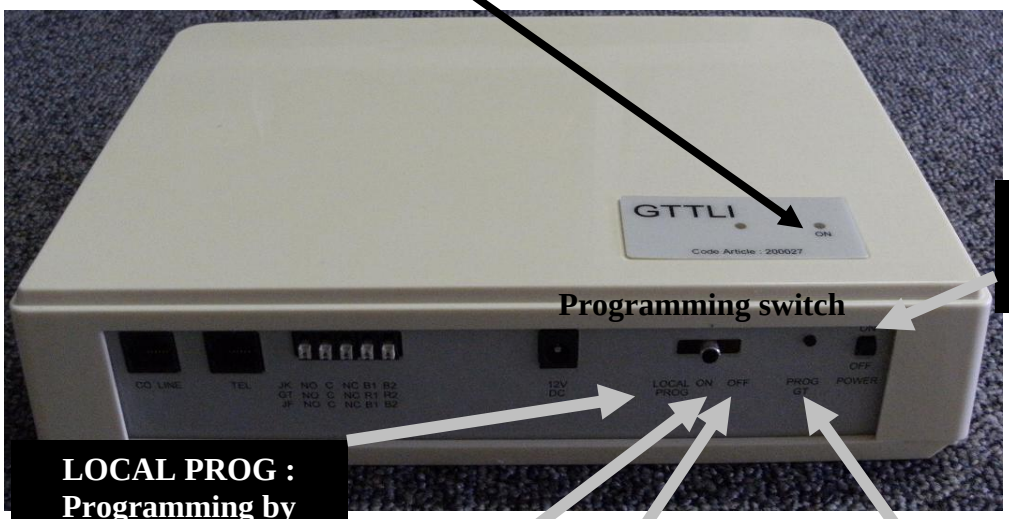


GTTLI

MOUNTING

NAMES

Red Led lighting means power on



POWER :
ON
OFF

LOCAL PROG :
Programming by using internal telephone set

ON :
GTTLI is activated

OFF :
GTTLI is out of service

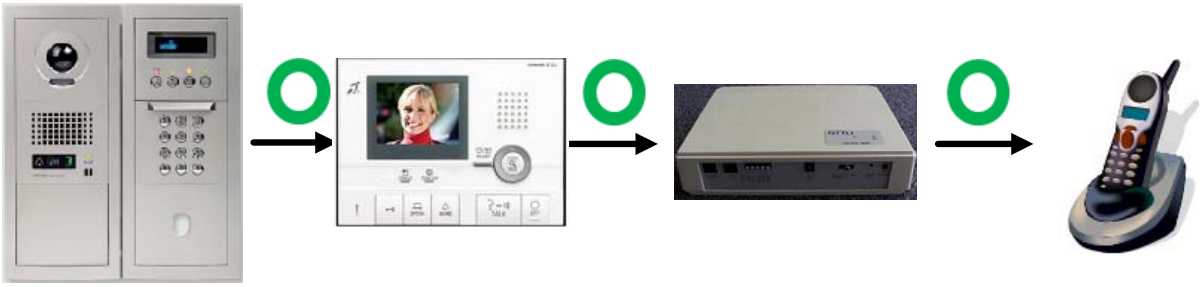
PROG GT :
Use to valid GTTLI system on the installation

OPERATING METHOD

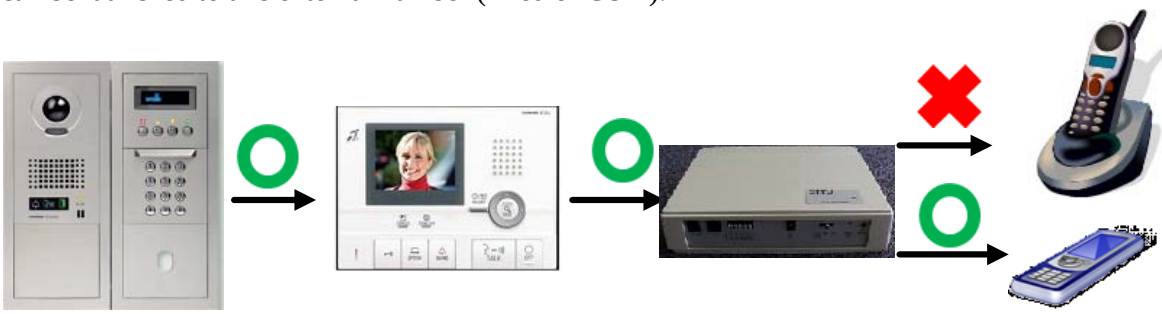
GTTLI allows connecting a doorphone type GT-NSV using a internal GT1CL (which is installed at the door entry of an home) to the internal telephone set of the home or to the external telephone line of this villa.

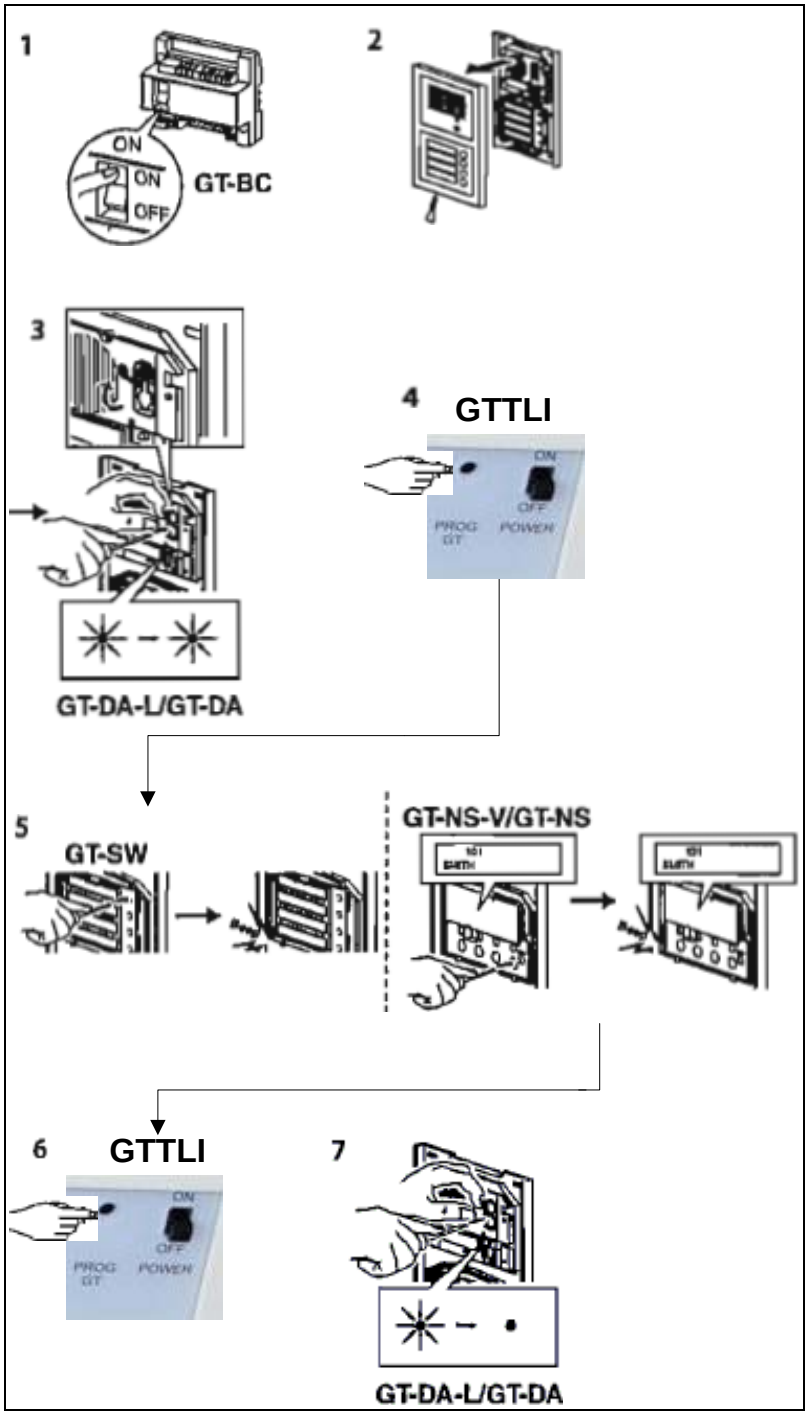
The communications with the internal house phone are free of charge; Calls with external parties will be charged depending on telephone provider.

If the option transfer is disabled, the call will launch only the internal telephone set.



If the option transfer is validated and so at least a number of external station is programmed, the call can be launched to this external number (fixed or GSM).





Recognition of the GTTLI system

1. Check that all units are mounted and wired correctly.
Turn ON the power switch of the system.

2. Loosen the base screw of the frame and open and remove the front panel.

3. Enter the program mode and select programming from the menu.

- Remove the rubber cap.
- Use a fine screwdriver to push the program switch (do just a pulse on Program button) .
- The in use led will blink for approximately 6 to 15 seconds.

4. Once the in use led is lit solid, **press GT PROG button** on GTTLI system. The system is connected to the door panel.

5. For GT-SW **press the relevant call-button** (do not press the button longer than 1s), a beep is emitted once to confirm the GTTLI programming. For the GT-NS-V, display the assign room no to GTTLI and press the button (do not press the button longer than 1s), a beep is emitted once to confirm the GTTLI programming.

6. **Press the GT PROG button on GTTLI** to finish programming.
* With the handset type module (GT1CL/GT1ML …), repeat steps 4 to 6 to program all residential stations. The beep will sound a number of times equal to the number of connected stations).
Link setting can be performed for up to 4 stations among which one GTTLI.

7. To correct or modify parameters
Press the call-button on GT-SW or GT-NS-V until you hear a long beep. For the GT-NS-V, display the room you want to correct before **press the bell button**.

8. End of programming
Press the PROGRAM touch on GTDA/A.
The in use led will go out.

QUICK

PROGRAMMING

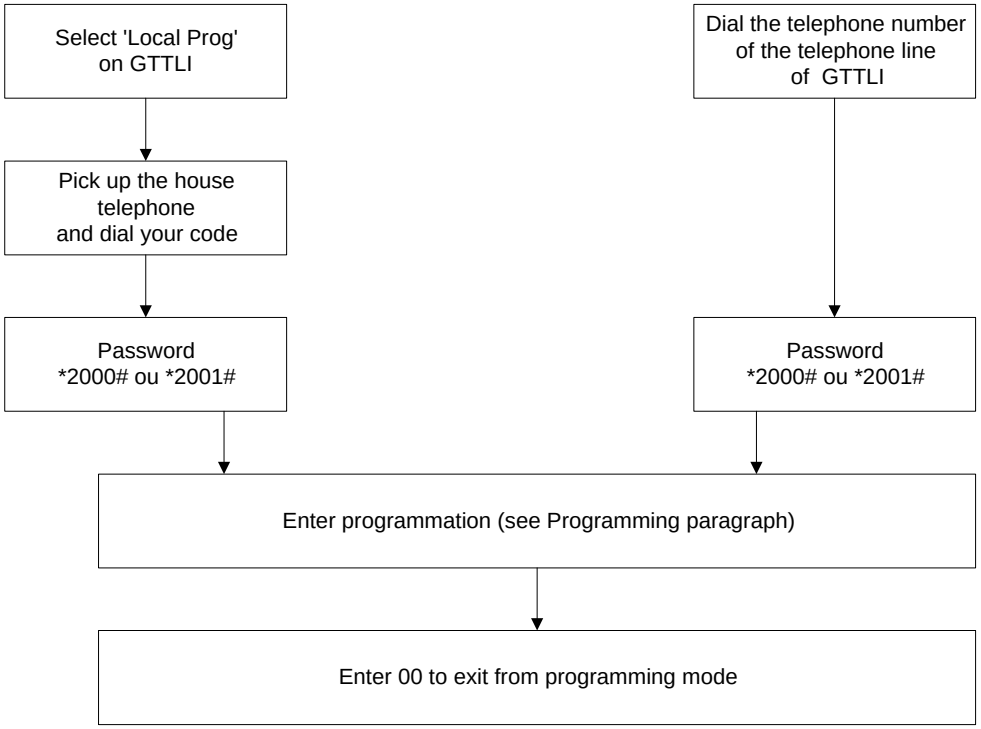
3 Quick Programming

GTTLI is programmed via any one of the house telephones (DTMF) or remotely via a touch-tone (DTMF) telephone (GSM for example).

3.1 Programming Access

Local programming via house telephone

Remote programming via Touch Tone (DTMF) Telephone



Programming Access

Local programming via one of the house telephones

- ➔ Select 'Local Prog' with the selector of GTTLI,
- ➔ Pick up the house telephone that is plugged into the main telephone line which is connected directly to GTTLI,
- ➔ Now program in exactly the same way as if programming remotely. You do need to dial the telephone number first.

WARNING !
Don't forget to switch the programming selector to 'On' after programming.

Remote programming via Touch-Tone (DTMF) Telephone:

- ➔ dial the telephone number of the telephone line of the GTTLI,
- ➔ after passage in communication confirms by reception of message 7 ('*Call from Door Panel'*), **dial** (a maximum of 8 seconds is allowed to dial *), following by the password (2000 for general parameters or 2001 for Call-Button programming),
- ➔ confirm by #,
- ➔ GTTLI confirms by emitting the message 6 ('*The code entered is correct'*).
- ➔ To finish programming, dial **00.**

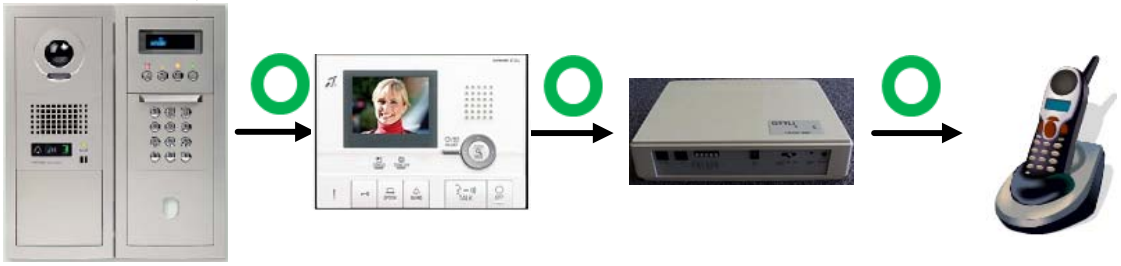
GTTLI confirms by emitting 3 short beeps and goes on idle mode.

Notes :

- A maximum of 10 seconds are allowed for each programming input - if exceeded, GTTLI reverts to standby mode.
- No programming entries are possible when GTTLI is emitting acknowledgement beeps..
- Correct programming inputs of function numbers are acknowledged by: 1 long beep.
- Correct programming inputs of parameters are acknowledged by emission of message 6 ('*The Code entered is correct'*). GTTLI waits for new function number.
- Incorrect programming inputs are acknowledged by: 2 long beeps or emission of message 5 ('*The Code entered is incorrect'*). GTTLI waits for new function number.

3.2 Minimal programming

In the delivery of your GTTLI, here is its functioning (you can use it directly if you don't use the transfer function):



The following 4 programming must be entered. This allows a quick using of GTTLI.

You can pass directly to paragraph 3.2.3 if the default parameters suit you.

3.2.1 Disabling/reactiving of Call-Button

Default setting : Call-button activated.

Call-buttons can be disabled for example in night or when one does not wish any more to be disturbed.
Follow the §3.1 (after programming with the code 2001), then:

- ➔ Press # to disable or ***** to reactivate the Call-button. GTTLI is emitting 3 short beeps and goes on idle mode.

3.2.2 Ringing duration of internal house telephone

Set the number of seconds the house telephones are to ring.
XX = time in seconds 10 to 45.

***2001 # (3 short beeps) 20 (long beep) XX (3 short beeps)**

3.2.3 Programming external Call number

***2001 # (3 short beeps) 21 (long beep) XXXXXXXX # (3 short beeps)**

With:
XXXXX: call number (up to 16 figures).
If telephone number is less than 16 digits, press # to validate.
Enter * if pause in telephone number is requested.

Example:
Call number 0169114635 required. GTTLI installed behind a Pabx, so need 0 to dial outside.
*2001 # (3 short beeps) 21 (long beep) 0*0169114635# (3 short beeps)

To delete a call number, simply press # after receiving the long beep.

3.3 Remote Control (relay)

3.3.1 Remote control for GT1CL relay

Default door release code = 10

Programming DTMF Code for activating the relay – Function 25:

From the handset called ie to activate the relay, the person answering the call must enter a 2 digit(s) code on the keypad of the handset.

*** 2000 # (3 short beeps) 25 (long beep) XX # (3 short beeps)**

With XX = DTMF code – 2 digits.

Example: DTMF code required is 19

*** 2000 # (3 short beeps) 25 (long beep) 19# (3 short beeps)**

To delete a code, simply press # after receiving the long beep.

Programming Operating time for the relay – Function 31

Default setting = 05.

For how many seconds is the relay to operate when activated. Minimum 1 second, maximum 10 seconds.

*** 2000 # (3 short beeps) 31 (long beep) YY (3 short beeps)**

WithYY = time in seconds – 2 digits.

Example: time required is 9 seconds

*** 2000 # (3 short beeps) 31 (long beep) 09 (3 short beeps)**

3.3.2 Remote control for GTTLI relay

Default door release code = 20

Programming DTMF Code for activating the relay – Function 30:

From the handset called ie to activate the relay, the person answering the call must enter a 2 digit(s) code on the keypad of the handset.

*** 2000 # (3 short beeps) 30 (long beep) XX # (3 short beeps)**

With XX = DTMF code – 2 digits.

Example: DTMF code required is 04

*** 2000 # (3 short beeps) 30 (long beep) 04# (3 short beeps)**

To delete a code, simply press # after receiving the long beep.

Programming Operating time for the relay – Function 32

Default setting = 05.

For how many seconds is the relay to operate when activated. Minimum 1 second, maximum 10 seconds.

*** 2000 # (3 short beeps) 32 (long beep) YY (3 short beeps)**

With YY = time in seconds – 2 digits.

Example: time required is 8 seconds

*** 2000 # (3 short beeps) 32 (long beep) 08 (3 short beeps)**

SPECIAL

PROGRAMMING

3.4 Special Programming

After doing the basic programming (§3.2), it is possible to adapt GTTLI to special requirements by entering the following parameters.

3.4.1 Communication ends after activation of GT1CL relay – Function 35

Default setting = 1-0.

*** 2000 # (3 short beeps) 35 (long beep) 0 (3 short beeps) = NO**

*** 2000 # (3 short beeps) 35 (long beep) 1 (long beep) 0 (3 short beeps) = Communication ends immediately after activation of GT1CL relay (default)**

*** 2000 # (3 short beeps) 35 (long beep) 1 (long beep) 1 (3 short beeps) = Communication ends 5s after activation of GT1CL relay (default)**

3.4.2 Communication ends after activation of GTTLI relay – Function 37

Default setting = 1-0.

*** 2000 # (3 short beeps) 37 (long beep) 0 (3 short beeps) = NO**

*** 2000 # (3 short beeps) 37 (long beep) 1 (long beep) 0 (3 short beeps) = Communication ends immediately after activation of GTTLI relay (default)**

*** 2000 # (3 short beeps) 37 (long beep) 1 (long beep) 1 (3 short beeps) = Communication ends 5s after activation of GTTLI relay (default)**

3.4.3 Call Notification when the Telephone is busy – Function 43

Default setting = 1 = Voice message.

GTTLI can be programmed to notify that there is a call from the panel when the telephone is busy.

*** 2000 # (3 short beeps) 43 (long beep) 0 (3 short beeps) = Notification via beep.**

*** 2000 # (3 short beeps) 43 (long beep) 1 (3 short beeps) = Notification via message "Call from Door Panel" or "Telephone Call".**

3.4.4 Type of ringing signal on internal phone – Function 58

Default setting = option call ring 0.

*** 2000 # (3 short beeps) 58 (long beep) 0 (3 short beeps) = Ring 1.5 seconds, silence 3.5 seconds repeated.**

*** 2000 # (3 short beeps) 58 (long beep) 1 (3 short beeps) = Ring 1 second, silence 1 second repeated.**

3.4.5 Ringing time before answering (for GTTLI) – Function 59

Default setting = 020.

If GTTLI is installed on the same telephone line than a handset, it could be interesting to delay answer from GTTLI when receiving a call.

*** 2000 # (3 short beeps) 59 (long beep) YYY (3 short beeps)**

With YYY = time in seconds.
Minimum: 010 for 10 seconds
Maximum: 255 for 255 seconds.

3.4.6 Changing Programming Password

Parameters Programming Password

Default setting = 2000.

*** 2000 # (3 short beeps) 90 (long beep) PPPP (3 short beeps)**

With PPPP: new password (4 digits required).

Call-Button Programming Password

Default setting = 2001.

*** 2001 # (3 short beeps) 91 (long beep) PPPP (3 short beeps)**

With PPPP: new password (4 digits required).

WARNING! The two passwords must be different.

3.4.7 Country Selection – Function 05

As tones are different from a Country to another one, it is necessary to choose the Country where is used GTTLI.

*** 2000 # (3 short beeps) 05 (long beep) XX (long beep)**

With XX = Telephone Country Code (01 = United States, 09 = Portugal, 10 = Luxembourg, 11 = Ireland, 32 = Belgium, 33 = France, 34 = Spain, 39 = Italy, 41 = Switzerland, 44 = UK, 49 = Germany, 61 = Australia, 86 = China.).

Example: GTTLI used in Australia
* 2000 # (3 short beeps) 05 (long beep) 61 (long beep)

This procedure does the following programming:
- choose basics parameters (as function 29) : tones, call-numbers,…
- select the language of the voice messages:
  - in English for USA, Portugal, Ireland, UK.
  - in French for Luxembourg, France, Switzerland.
  - in Flemish pour Belgium.
  - in Spanish for Spain.
  - in German for Germany.
  - in Italian for Italy.

3.4.8 Language Selection for Voice messages – Function 78

Two models of voice messages daughter boards are available depending on the language.
So, first use the right daughter board and then select the good language.

To choose the language of the voice messages, do the following programming.
*** 2000 # (3 short beeps) 78 (long beep) Y (long beep)**
With Y=
- 0 for French language (voice messages daughter boards #1)
- 1 for English language (voice messages daughter boards #1)
- 2 for Flemish language (voice messages daughter boards #1)
- 3 for Spanish language (voice messages daughter boards #2)
- 4 for German language (voice messages daughter boards #2)
- 5 for Italian language (voice messages daughter boards #2)

Note: French, English and Flemish languages are on voice messages card 1. Spanish, German and Italian languages are on voice messages card 2.

3.4.9 Local communication level – Functions 06 & 07

Programming of audio level from the panel to the resident telephone set :
*** 2000 # (3 short beeps) 06 (long beep) XX (long beep)**
With XX = level chosen – 2 digits 00 (max level) to 31 (min level).
Default setting = 04.

Programming of audio level from the resident telephone set to the panel:
*** 2000 # (3 short beeps) 07 (long beep) XX (long beep)**
With XX = level chosen – 2 digits 00 (max level) to 31 (min level).
Default setting = 10.

3.4.10 External communication level – Functions 08 & 09

Programming of audio level from the panel to the remote telephone set :
*** 2000 # (3 short beeps) 08 (long beep) XX (long beep)**
With XX = level chosen – 2 digits 00 (max level) to 31 (min level).
Default setting = 04.

Programming of audio level from the remote telephone set to the panel:
*** 2000 # (3 short beeps) 09 (long beep) XX (long beep)**
With XX = level chosen – 2 digits 00 (max level) to 31 (min level).
Default setting = 10.

3.4.11 GT1CL ringing time in transfer mode – Function 64

Default setting = 10.

When transfer is activated, press on Call-button of panel rings first GT1CL. This ringing time can be programmed.
*** 2000 # (3 short beeps) 64 (long beep) XX (long beep)**
With XX = time in seconds – 2 digits (01 to 40).

3.5 Tones Programming

When a phone number is dialled, the only way to know if the called party answers the call or is busy or cut the communication is to recognize the tones sending by the telephone operator.

Three tones must be recognizing:
- **ringing tone** : this tone is received when the called telephone set is ringing,
- **busy tone** : this tone is received when the called party is still in communication and sometimes also when the called party cut the communication,
- **end of communication (EOC)**: this tone is sometime sent when the called party cut the communication.

A tone is a sequence of sounds and silences. The tones can be different from country to country, from Telephone Operator and Pabx.

The values of these tones must be programmed inside the system.
This programming can be done automatically when connected behind a Pabx.
This programming can be done manually when connected behind a Pabx or on a public telephone line.

At delivery time, GTTLI is programmed to recognize the country tones.

3.5.1 Switching modes into communication with external telephone – Function 95

Default setting = 0

*** 2000 # (3 short beeps) 95 (long beep) X (long beep)**
With X =
- **0** : switching into communication if end of ringing tone detected,
- **1** : switching into communication if DTMF detected (any figure).

3.5.2 Disconnect after silence of or continuous signal of X seconds – Function 97

Default setting = 2.

GTTLI will hang up if:
- No voice or DTMF is detected for X seconds,
- There is a continuous tone for X seconds.

*** 2000 # (3 short beeps) 97 (long beep) Y (3 short beeps)**
With Y=
- 0: function is OFF
- 1: time is 5 seconds
- 2: time is 10 seconds
- ….
- 9: time is 45 seconds.

Example: if the tone signalling the end of the communication is continuous, and if time programmed is 10 seconds, during the communication, if GTTLI detects a continuous tone during 10 seconds, it will cut the line.

3.5.3 Automatic pause prior to dialling – Function 98

Default setting = 3.

GTTLI can be programmed to pause from 1 – 6 seconds before dialling.
A pause can also be included in the phone number (ie if GTTLI is installed on an extension port of a Pabx).

*** 2000 # (3 short beeps) 98 (long beep) X (3 short beeps)**

With X = time in seconds, from 1 to 6 seconds.

3.5.4 Programming the tones manually – Function 99

Better to know the values of the tones of the Pabx or of the Public central office (see manual of the Pabx or ask installators).
The values are always programmed with 3 to 4 digits, in milliseconds.
(i.e.: 0.8 seconds will be 800, 1.5 seconds will be 1 500)

- ➔ (after dialling ***2000#**),enter **CODE 99**

- ➔ after receiving a long beep, enter **the tone type value of the ringing tone (1 = simple, 2 = double),**
- ➔ after receiving a long beep, enter **the minimum value of the ON signal of the ringing tone,**
- ➔ after receiving a long beep, enter **the maximum value of the ON signal of the ringing tone,**
- ➔ after receiving a long beep, enter **the minimum value of the OFF signal of the ringing tone,**
- ➔ after receiving a long beep, enter **the maximum value of the OFF signal of the ringing tone,**

- ➔ after receiving a long beep, enter **the tone type value of the busy tone (1 = simple, 2 = double),**
- ➔ after receiving a long beep, enter **the minimum value of the ON signal of the busy tone,**
- ➔ after receiving a long beep, enter **the maximum value of the ON signal of the busy tone,**
- ➔ after receiving a long beep, enter **the minimum value of the OFF signal of the busy tone,**
- ➔ after receiving a long beep, enter **the maximum value of the OFF signal of the busy tone,**

- ➔ after receiving a long beep, enter **the tone type value of the EOC tone (1 = simple, 2 = double),**
- ➔ after receiving a long beep, enter **the minimum value of the ON signal of the EOC tone,**
- ➔ after receiving a long beep, enter **the maximum value of the ON signal of the EOC tone,**
- ➔ after receiving a long beep, enter **the minimum value of the OFF signal of the EOC tone,**
- ➔ after receiving a long beep, enter **the maximum value of the OFF signal of the EOC tone,**

Example : programming new values for tones.

TONES	VALUE +/- LIMITS	MIN & MAX en ms	VALUES TO PROG	BASIC VALUES (*)
ON signal ringing tone	1s +/-200ms	800/1200	080/120	135/165
OFF signal ringing tone	3s +/-200ms	2800/3200	280/320	315/385
ON signal busy tone	200ms +/-50ms	150/250	015/025	045/055
OFF signal busy tone	400ms +/-50ms	350/450	035/045	045/055
ON signal EOC tone	500ms - 200ms+50ms	300/550	030/055	045/055
OFF signal EOC tone	500ms - 200ms+50ms	300/550	030/055	045/055

(*) these values are basically programmed into the system and can be reminded when doing a RESET.

IMPORTANT: if there is no EOC tone or if the EOC tone is continuous (no OFF signal), enter 000 for the 4 values of this tone.

3.6 Audio Messages

3.6.1 Audio level for the messages – Function 18

Default setting = 4.

*** 2000 # (3 short beeps) 18 (long beep) X (3 short beeps)**
With X= 0 (maximum level) to 7 (minimum level).

GTTLI “talks” to visitors.

Message 01: ‘Please wait, your call is in progress’
Message 02: ‘Please enter’
Message 03: ‘Sorry, the line is busy. Please try again later’
Message 04: ‘Sorry, no answer. Please try again later’
Message 05: ‘The code entered is incorrect’
Message 06: ‘The code entered is correct’
Message 07: ‘Call from door Panel’
Message 08: ‘Telephone Call’
Message 09: ‘Routing on’
Message 10: ‘Routing off’
Message 11: ‘Your call is in progress’

Note: if the installation includes a GHDEL module, we recommend to disable message 2 on GTTLI. To do that, proceed as below:

*** 2000 # (3 short beeps) 41 (long beep) 02 (long beep) 0 (3 short beeps)**

To activate message 2 on GTTLI:
*** 2000 # (3 short beeps) 41 (long beep) 02 (long beep) 1 (3 short beeps)**

3.7 Setting default parameters

*** 2000 # (3 short beeps) 29 (3 short beeps)**

It reprograms all the factory set default parameters (programming pin code changed to 2000).

3.8 Programming parameters summary

Password	Code	Chapter	Function	Parameters	Default value
*2000#	**05**	3.4.7	Country selection	Country code. See §3.4.7	**33**
	18	3.6.1	Audio level for voice message	Max : 0 Min :7	**4**
	25	3.3.1	Command of GT1CL relay	2 digits	**10**
	29	3.7	Setting default parameters	Back to basic parameters	**-**
	30	3.3.2	Command of GTTLI relay	2 digits	**20**
	31	3.3.1	Operating time for GT1CL relay	01 second to 10 seconds	**05**
	32	3.3.2	Operating time for GTTLI relay	01 second to 10 seconds	**05**
	35	3.4.1	Communication ends for GT1CL relay	0:Communication continue 1-0: communication ends immediately after activation of GT1CL relay 1-1: communication ends 5s after activation of GT1CL relay	**1-0**
	37	3.4.2	Communication ends for GTTLI relay	0:Communication continue 1-0: communication ends immediately after activation of GTTLI relay 1-1: communication ends 5s after activation of GTTLI relay	**1-0**
	41		Inhibition message 2	0 : message off 1 : message on	**1**
	43	3.4.3	Call notification when telephone is busy	0 :by beeps 1 :by voice message	**1**
	58	3.4.4	Ring selection for Call from Door Panel	0 :1,5s/3,5s 1 : 1s/1s	**0**
	59	3.4.5	Ringing time before GTTLI answering	From 001 second to 255 seconds	**020**
	64	3.4.11	GT1CL ringing time in transfer mode	From 01 second to 40 seconds	**10**
	78	3.4.8	Language selection for voice messages	0:French, 1:English, 2:Flemish, 3: Spanish, 4:German, 5:Italian	**0**
	90	3.4.6	New Password	4 digits	**2000**
	95	3.5.1	Switching mode in communication	0:Tone detection 1:DTMF code detection	**0**
	97	3.5.2	Disconnect after silence	1 digit (0 to 9)	**2**
	98	3.5.3	Automatique pause prior dialling		**3**
	99	3.5.4	Tones Programming		**-**

Password	Code	Chapter	Function	Parameters	Default value
*2001#	*	3.2.1	Reactive Call-Button	GTTLI activated after a call from Door Panel	*
	#	3.2.1	Disabling Call-Button	GTTLI disabling	#
	20	3.2.2	Ringing duration of internal house phone	From 10 to 45 seconds	-
	21	3.2.3	External Call number	Max 16 chiffres + "#"	-
	91		New Password	4 digits	2001
	00		Code to exit programming mode	Not modifiable	00

4 – BASIC USER OPERATION

4.1 VISITOR CALL

Visitors simply press the Call Button on the panel.
It will make the internal telephone set ringing or it will launch the external telephone call if the transfer mode is activated. Visitor will follow the call progress by hearing beeps or voice messages.

If the transfer mode is disabled, **only internal telephone set is called**. **If it doesn't answer,** GTTLI switches into idle mode.

If the transfer mode is activated, **only external telephone set is called**. **If the external party doesn't answer in the time programmed (50s) or is busy,** GTTLI switches into idle mode.

Internal party or external party (if call forwarded) will hears voice message ('*Call from door panel'*) when in communication with the Visitor.

Driving the relays (1&2) from the telephone set (internal or external)
Relay 1 is on GT1CL module.
Relay 2 is on GTTLI module.

When in communication, dial the 2 digits programmed code to drive either relay 1 (basically 10) or relay 2 (basically 20).

Note 1: the code to enter onto the telephone set to activate the relay is programmable and can be any 2 digit numbers. You may wish for example, to have 11 as the code to activate Relay n° 1 (relay n°1 is installed on the panel).

Note 2: Exactly the same applies for Relay n° 2 which might be used to open a second door or a pedestrian gate or turn on camera or turn on lights or…. (Relay n°2 is installed on the GTTLI card).

End of communication
Communication stops when end of communication tone is detected or after 1 minute.

4.2 SWITCHING CALLS

- resident is in communication with an external party.
  A visitor presses the call-button on the door panel. Resident will hear either the message 'Call from door panel' or either a beep (depending on programming). Three options are available:
    - resident doesn't do anything: he will stay in communication with the external party.
    - resident press # key on his telephone set: he will cut the communication with the external party and switch into communication with the visitor (to open the door, see § 4.1) .
    - resident hangs up: he will cut the communication with the external party. His telephone set will be ringing by the panel.

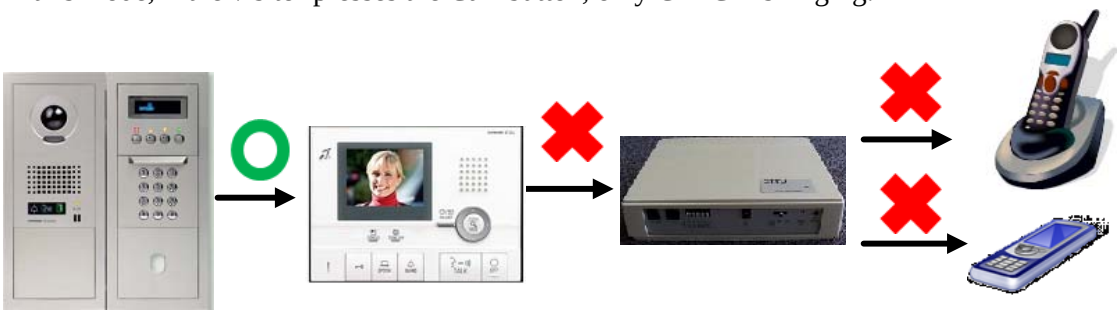
- resident is in communication with the panel.
  An external call arrives. Resident will hear either the message 'Telephone Call' or either a beep (depending on programming). Three options are available:
    - resident doesn't press any keys on telephone set: he will stay in communication with the visitor.
    - resident press # key on his telephone set: he will cut the communication with the visitor and switch into communication with the external call (to open the door, see § 4.1) .
    - resident hangs up: he will cut the communication with the visitor. His telephone set will be ringing by the external call.

4.3 MODE SELECTION

Three modes are available :

Mode ‘OFF’

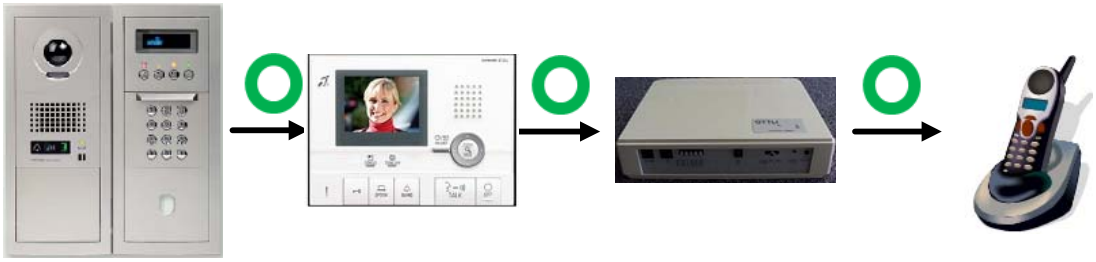
The selector 3 positions is on ‘OFF’.
In this mode, if the visitor presses the Call-button, only GT1CL is ringing.



Mode ‘ON’

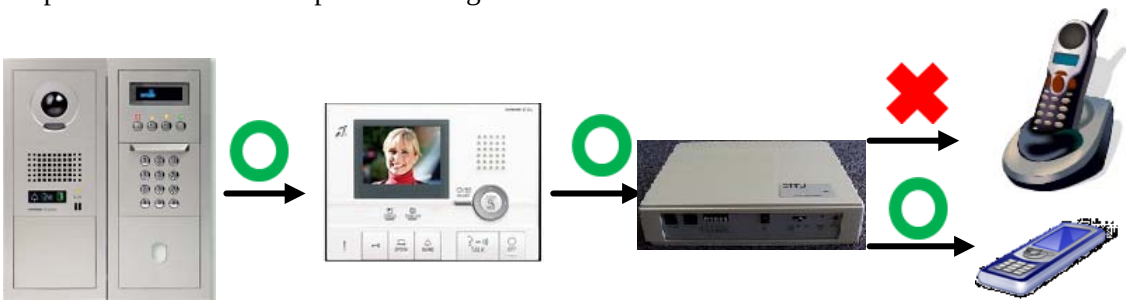
Mode ‘ON’ without transfer

The selector 3 positions is on ‘ON’ and the transfer mode is disabled.
In this mode, if the visitor presses the Call-button, GT1CL rings and after 10 seconds it stops and the internal telephone set rings.



Mode ‘ON’ with transfer

The selector 3 positions is on ‘ON’ and the transfer mode is reactived.
In this mode, if the visitor presses the Call-button, GT1CL panel rings and after 10 seconds it stops and the external telephone set rings.



Activation and deactivation of the transfer mode are available from:

- **Internal telephone set :**
  On this telephone set, press :
  - #*0 to disable the 'transfer mode'. The correspondent hears the message 10 ('*Routing off*') or 3 short beeps.
  - #*1 to validate the 'transfer mode'. The correspondent hears the message 9 ('*Routing on'*) or 3 short beeps.

- **External telephone set :**
  Dial the telephone line number on which is installed GTTLI. The internal telephone set rings. After the delay programmed, the system answers. The caller hears '*Call from door panel*' or 3 short beeps. He can dial:
  - #*0 to disable the 'transfer mode'. The caller hears the message 10 ('*Routing off*') or 3 short beeps.
  - #*1 to validate the 'transfer mode'. The caller hears the message 9 ('*Routing on'*) or 3 short beeps.

Activation and deactivation of Call-button of the panel are available from:

- **Internal telephone set :**
  On this telephone set, press :
  - #*# to disable the Call-button. The correspondent hears 3 short beeps.
  - #** to reactivate the Call-button. The correspondent hears 3 short beeps.

- **External telephone set:**
  Dial the telephone line number on which is installed GTTLI. The internal telephone rings. After the delay programmed, the system answers. The caller hears '*Call from door panel*' or 3 short beeps. He can dial:
  - #*# to disable the Call-button. The caller hears 3 short beeps.
  - #** to reactivate the Call-button. The caller hears 3 short beeps.

No answer Mode

To deactivate the GTTLI system, from an external telephone set, call the GTTLI, dial #00 in the eight first seconds. From now, for the next call, GTTLI does not answer.

QUICK PROGRAMMING

Dial the phone number of GTTLI: [ ] and after receiving 3 short beeps or 'Call from Door Panel' programm:

External Call number :
*2001# '*The Code entered is correct*'

21 long beep [ ] # (Call number) 3 short beeps or '*The Code entered is correct*' then 00 to exit.

Ringing duration of internal telephone set
*2001# *"The Code entered is correct"*

20 long beep [ ] (ringing duration) *"The code entered is correct"* then 00 to exit

Relay 1 on GT1CL:
*2000# *"The Code entered is correct"*

25 long beep [ ] (DTMF code for activating the relay) # *"The code entered is correct"* then 00 to exit.

Operating time of the relay 1 (on GT1CL)
*2000# *"The Code entered is correct"*

31 long beep [ ] (operating time in seconds) *"The code entered is correct"* then 00 to exit.

Relay 2 on GTTLI:
*2000# *"The Code entered is correct"*

30 long beep [ ] (DTMF code for activating the relay) # *"The code entered is correct"* then 00 to exit.

Operating time of the relay 2 (on GTTLI)
*2000# *"The Code entered is correct"*

32 long beep [ ] (operating time in seconds) *"The code entered is correct"* then 00 to exit.

MAIN PARAMETERS OF THE INSTALLATION

PROGRAMMING	*Default Value*	Installation
Ringing duration of the internal telephone set (20)	*45s*	
External Call number (21)	*460*	
DTMF code to operate the relay 1 on GT1CL	*10*	
Operating time of the relay 1	*5s*	
DTMF code to operate the relay 2 on GTTLI	*20*	
Operating time of the relay 2	*5s*	
End of communication after activation of relay 1 (on GT1CL)	*Yes*	
End of communication after activation of relay 2 (on GTTLI)	*Yes*	

	Default Value	Installation
Parameters Programming Password	*2000*	
Call-Button Programming Password	*2001*	

Phone Number of GTTLI:

S/N of GTTLI :

DEFAULT PARAMETERS

During the final test in factory, or after a reset by **function 29**, the following parameters are programmed:

- External Call number	**460**
- Ringtone for Call from Door Panel	**1,5s / 3,5s**
- Automatic pause prior dialling	**3s**
- Ringing tone	**Country settings**
- Busy tone	**Country settings**

REVISION NOTES FOR

PANEL FUNCTIONS

OPENING CONTACT L L OF GT1CL DURING COMMUNICATION	**From internal telephone set :** - Answer to visitor, - Press 10 and hang up. **From external telephone set:** - Answer to visitor, - Press 10 and hang up.

OPENING CONTACT OF GTTLI CARD DURING COMMUNICATION	**From internal telephone set :** - Answer to visitor, - Press 20 and hang up. **From external telephone set:** - Answer to visitor, - Press 20 and hang up.

TRANSFER MODE SELECTION	**From internal telephone set :** - Handset off hook, - Disabling 'transfer mode' : press # * 0, - Reactive 'transfer mode', press # * 1, - Hang up. **From external telephone set:** - Dial the telephone line number, - After hearing voice message or 3 short beeps, - Disabling 'transfer mode' : press # * 0, - Reactive 'transfer mode', press # * 1, - Hang up.

TECHNICAL PRECAUTIONS

• Operating temperature: 0°C - 40°C (32°F – 104°F).
• Cleaning: use a soft duster with neutral detergent.

SPECIFICATIONS

• Dimensions : 240 x 180 x 55 (h) mm.
• Weight: 0,180 kg

Connections:	(1) Standard single line PBX jack master socket within 50 metres 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.
Telephones set:	(1) Standard analogue DTMF “Touch Tone” (2) Mobile Telephone (3) Cordless Telephone
Power supply:	12V DC – 0,5A
Consumption:	Stand by: 200mA, when internal telephone rings: 200mA, when Voice message on : 250mA, when relay is on by internal telephone : 320mA
Standards:	EN60950 EN55022 Edition 98 Classe B EN55024 Edition 98 Classe B CTR21
Programming:	Local or remotely via a Touch-tone (DTMF) telephone.
System Capacity:	1 call-number (16 figures maximum per call-number).
No-volatile Memory:	Yes
Material	ABS module

FIRST AID

DEFAULTS	TO DO
The red LED on the GTTLI box doesn't light	Check polarity on Power Supply (see cabling procedure) Check if Power Supply Voltage is enough (12V DC – 0,5A)
GTTLI doesn't ring the programmed number	Check connection of the telephone line on terminal 'CO LINE'. Re-program the call number (see 3.2.3).
Inopportune switching in communication when the external number is called.	* GTTLI is installed on an internal line of a PABX: tones are different from those basically programmed in GTTLI. Please contact AIPHONE HOT LINE to do an automatic programming of the tones. * GTTLI is connected to a PBX telephone line: tones are different from those basically programmed in GTTLI. Please contact AIPHONE HOT LINE which will help you to enter the right values.

WARRANTY

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of two years after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty. This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit. This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone. Aiphone will not be responsible for any costs incurred involving on site service calls.

FCC REQUIREMENTS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: • Reorient or relocate the receiving antenna • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Increase the separation between the equipment and receiver. • Consult the dealer or an experienced radio/TV technician for help.

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