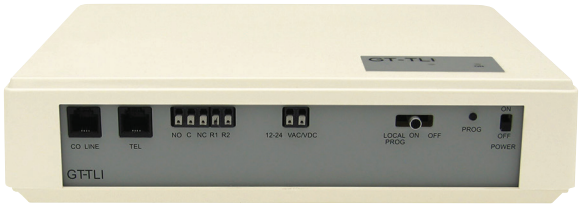
AIPHONE®

1012

GT-TLI

Telephone Line Interface for the GT Series

Installation / Operation Instructions



ATTENTION:

This is the installation and operation manual for the GT-TLI only. Refer to the GT Series Installation and Operation Manual for complete information on all other GT components.

Precautions

⚠ WARNING

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

- High voltage is present internally. Do not open the case. Electric shock may occur.
- Do not dismantle or alter the unit. Fire or electric shock may occur.
- 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 may occur.
- Keep the unit away from water or any other liquid. Fire or electric shock may occur.
- Do not put any metal or paper into the unit through the openings. Fire of electric shock may occur.
- Do not plug or unplug with wet hands. Electric shock may occur.
- Keep AC plug away from moisture or dust as fire may occur.
- Keep AC cord from being marred or crushed. If the AC cord is damaged, fire or electric shock could occur.
- Do not use a power supply with a voltage other than specified. Fire or electric shock may occur.
- Insert AC plug completely and securely into AC outlet. Otherwise, fire or electric shock may occur.
- Do not install or use near gases or flammable materials. Fire or explosion may occur.

⚠ CAUTION

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

- Before turning on power, make sure wires are not crossed or shorted. Fire or electric shock may occur.
- When mounting the unit on wall, install the unit in a convenient location, but not where it could be jarred or bumped. Injury may occur.
- Do not install or make any wire terminations while power supply is plugged in. It could result in electric shock or damage to the unit.
- Do not install the unit in any of the following locations. Fire, electric shock, or unit trouble may occur.
  - 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 bathrooms, cellars, greenhouses, etc.
  - Places where temperature is quite low, such as inside a refrigerated area or in front of an air conditioner.
  - Places subject to steam or smoke (near heating or cooking surfaces).
  - Places where noise generating devices such as dimmer switches or invertor electrical appliances, are close.
- On products with ground terminals, connect to an earth ground. Fire or malfunction may occur if unit is not properly grounded.
- For DC power systems, use Aiphone power supply model specified with the system. If non-specified product is used, fire or malfunction may occur.
- Do not place anything on top of unit. Fire or unit malfunction may occur.
- Do not mount the unit in a place subjected to constant vibration or impact. If jarred or knocked off the wall, injury may occur.

GENERAL PRECAUTIONS

- All units, except for the door station, are designed for indoor use only. Do not use outdoors.
- In areas where broadcasting station antennas are close by, the intercom system may be affected by radio frequency interference.
- If a cellular phone is used close by, the unit may malfunction.
- This product, being a control unit for door release, should not be used as a crime prevention device.
- Keep the unit more than 3 feet away from radio or TV set.
- Due to the environmental sound around the unit, it may hinder smooth communication. This is not a malfunction.

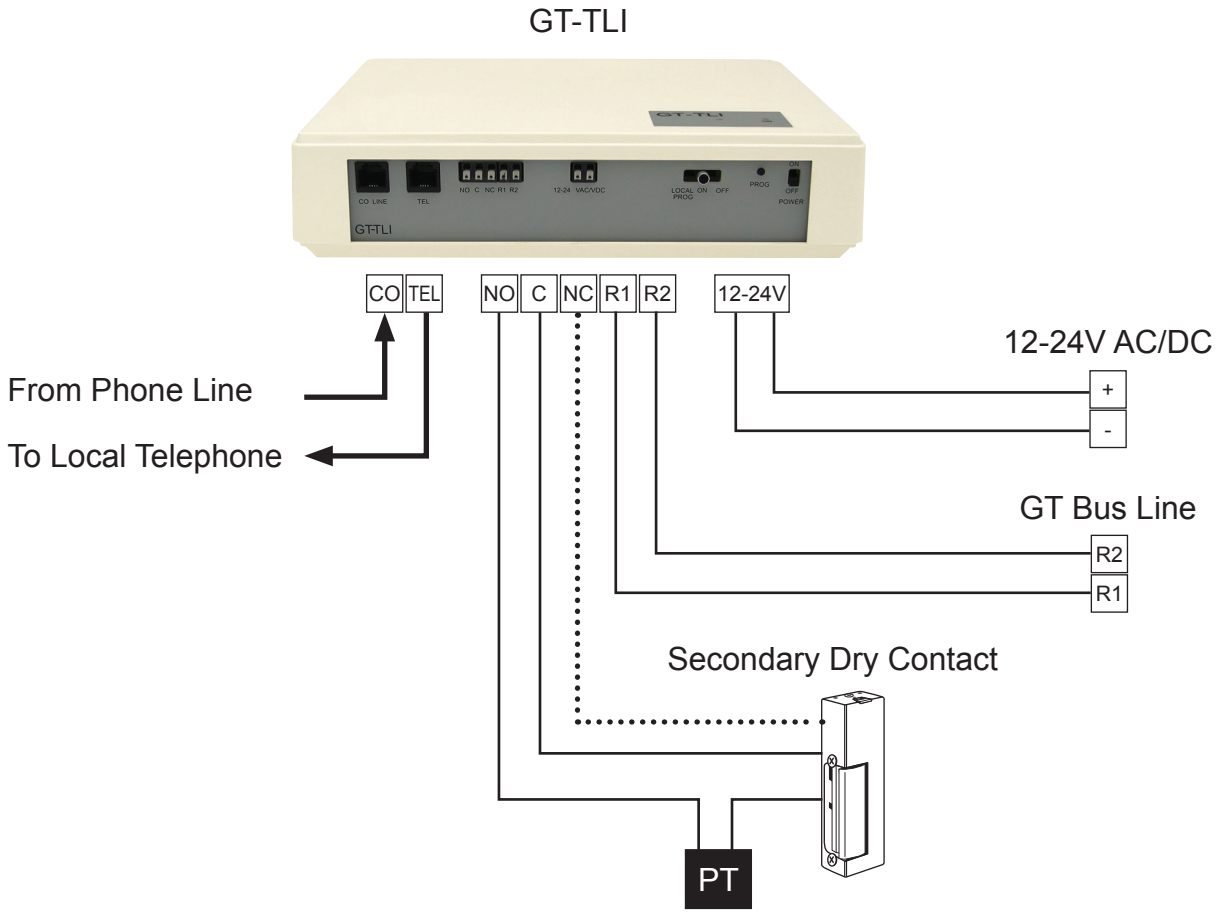
Package Contents

- Installation / Operation Instructions
- GT-TLI
- RJ11 cable

Installation

A working GT system with at least one entry panel is required when using the GT-TLI telephone line interface adaptor. The GT-TLI can be desk mounted or wall mounted using the mounting slots on the back of the unit. Ensure that the mounting location is accessible.

Wiring



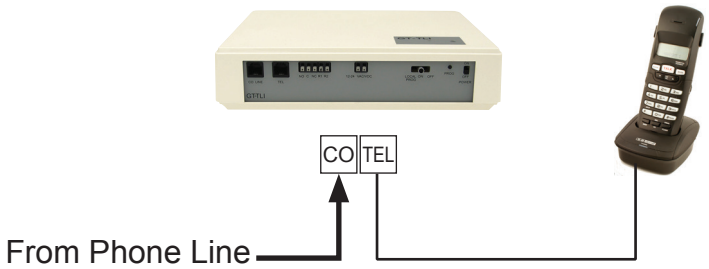
Specifications

CO LINE:	To telephone line (RJ11)
TEL:	To Internal house telephone (RJ11)
12-24V AC/DC:	To power supply 12V AC/DC-0.5A, 24V AC/DC-0.3A
R1/R2:	To R1/R2 audio bus of GT system
NO/C/NC:	12V DC-2A, 24V DC-1A

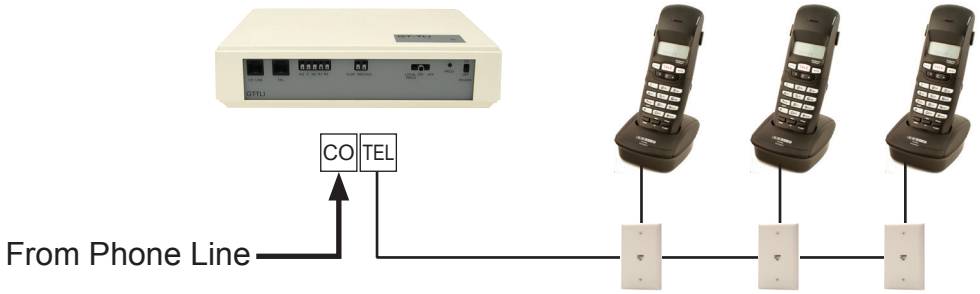
Wiring *(continued)*

Below are a few examples of connecting the GT-TLI to an existing telephone installation.

Basic Connection

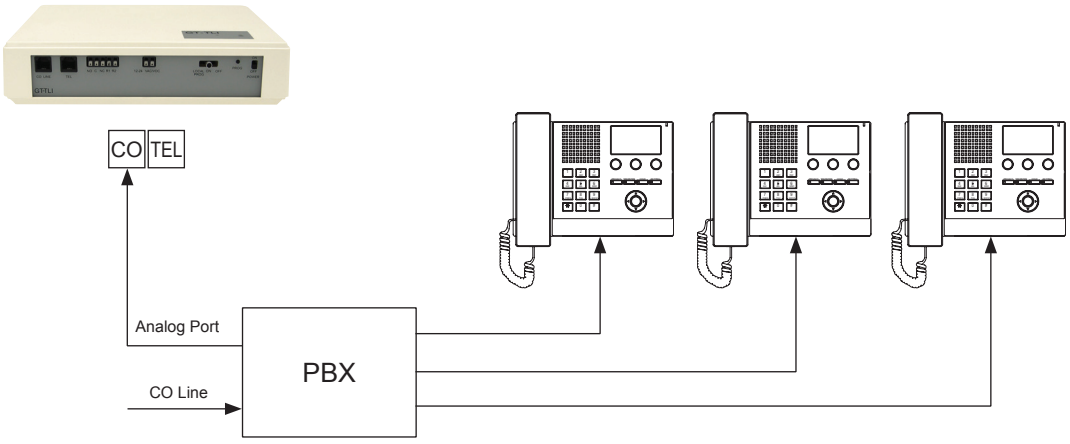


3 Telephone Connection

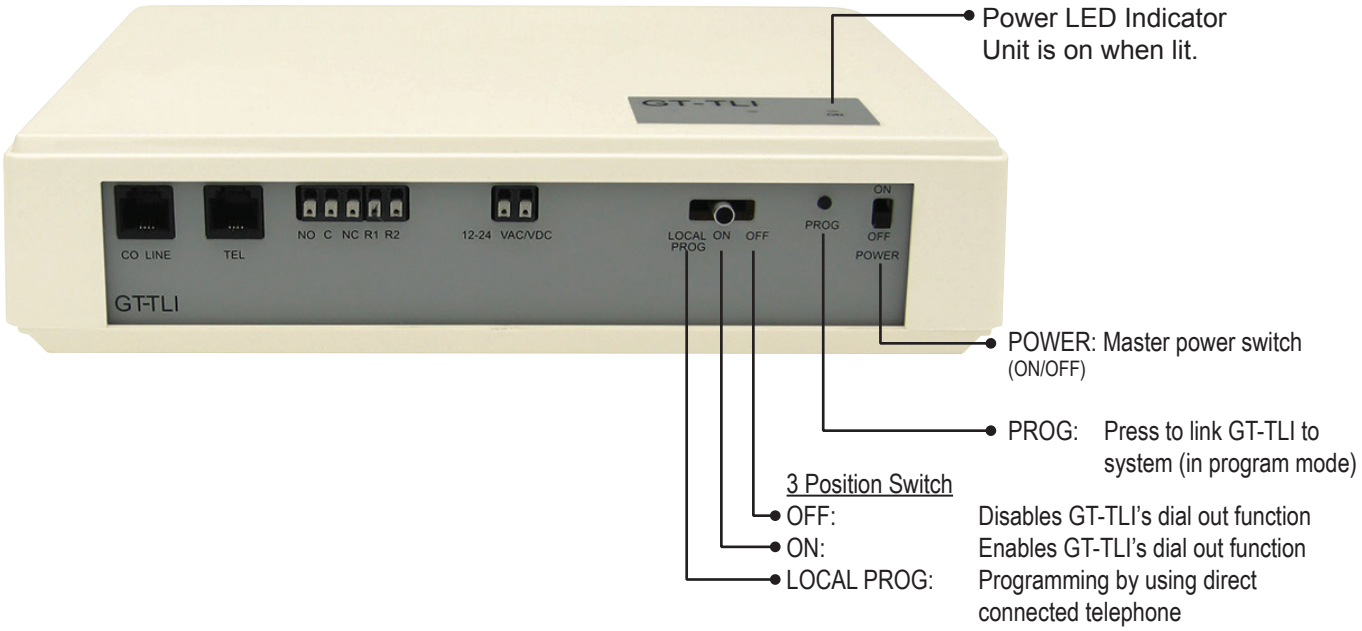


Note:
GT-TLI supports a maximum of 3 telephone sets.

PBX Connection



NAMES



Linking GT-TLI to GT system

Direct Select / Push Button Entrance Station Addressing

Step 1: Remove front cover from entrance station.

Step 2: To enter programming mode, use a small screwdriver to push and release button under the rubber cap on front of speaker module (GT-DA-L). The amber LED will begin flashing, then remain lit. Once lit, the entry panel is in programming mode.

Step 3: At GT-TLI, press the **PROG** button. The GT-TLI is now connected to the entrance panel.

Step 4: Push and release the desired Call Button on the entrance station to assign the button to the GT-TLI station that is active. A blip tone will be played.

DO NOT press and hold the Call Button as doing so will clear the memory for this button.

Step 5: At GT-TLI, press the **PROG** button to complete programming.

Step 6: To exit programming, push the button under the rubber cap on the GT-DA-L module again and the amber LED will turn off. The system is now ready for use.

GT Digital Display Entrance Station Addressing

Step 1: Remove front cover from entrance station.

Step 2: To enter programming, use a small screwdriver to push and release button under the rubber cap on front of speaker module (GT-DA-L). The amber LED will begin flashing, then remain lit. Once lit, the entrance station is in programming mode. The LCD will show "CONNECTING" while in programming mode.

Step 3: At GT-TLI, press the **PROG** button. The GT-TLI is now connected to the entrance panel.

Step 4: Scroll to the station number to be programmed or manually dial the number. When the tenant station number is displayed, push and release the **Bell** button to assign the address to the GT-TLI station that is active. A blip tone will be played.

DO NOT press and hold the Call Button as doing so will clear the memory for this button.

Step 5: At GT-TLI, press the **PROG** button to complete programming.

Step 6: To exit programming, push the button under the rubber cap on the GT-DA-L module again and the amber LED will turn off. The system is now ready for use.

Linking GT-TLI to GT system *(continued)*

GT-DM Entrance Station Addressing

Step 1: While in standby mode, enter **#** plus ID code (default is ∗1111). Re-enter ID code.

Step 2: Use the up / down arrows and scroll to **PROGRAMMING**. Push the **Bell** button to enter programming mode. The amber LED will begin flashing, then remain lit. Once lit, the entry panel is in programming mode. The LCD will show “CONNECTING” while in programming mode.

Step 3: At GT-TLI, press the **PROG** button. The GT-TLI is now connected to the entrance panel.

Step 4: Scroll to the station number to be programmed or manually dial the number. When the tenant station number is displayed, push and release the **Bell** button to assign the address to the GT-TLI station that is active. A blip tone will be played.

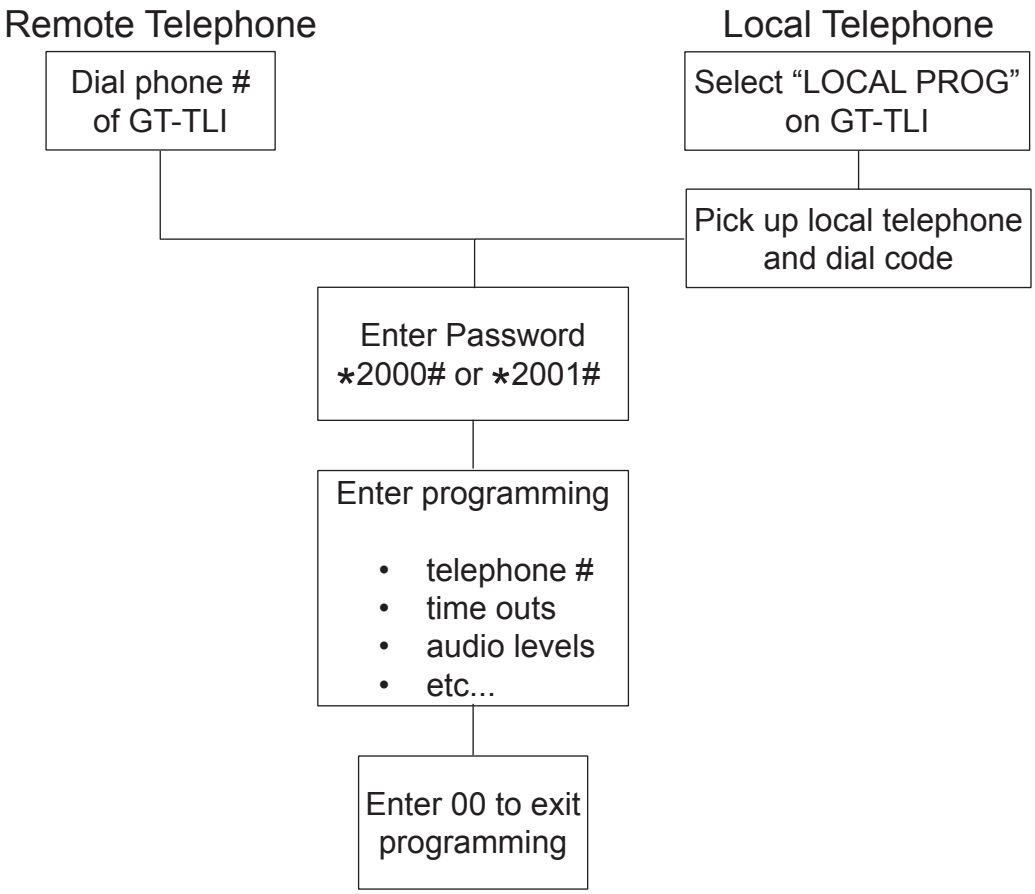
DO NOT press and hold the Call Button as doing so will clear the memory for this entry.

Step 5: At GT-TLI, press the **PROG** button to complete programming.

Step 6: To exit programming, press the “X” button on the panel to return to the main menu (the amber LED will turn off). Scroll to **QUIT** and press the “X” button again. The system is now ready for use.

SET UP

The GT-TLI can be programmed either with the local (internal) telephone or remotely by calling in, via DTMF. (see flow chart below)



SET UP - Accessing Program Mode

Remote programming via DTMF telephone

- Dial the telephone number of the GT-TLI (tenant's phone number).
- An automated message will play "Call from door panel."
- Dial one of the two following program access codes; ✱2000# or ✱2001#.
  - ✱2000# = general parameters (volume levels, timing, etc.)
  - ✱2001# = controlled parameters (calling telephone #, etc.)
- An automated message will play "The code entered is correct."
- Make programming changes (see next page).
- When programming is complete, dial 00 to exit.
- "The code entered is correct" will be played and the GT-TLI will go into idle mode.

Local programming via telephone connected directly to GT-TLI

- Flip the 3 position switch on the GT-TLI to **LOCAL PROG**.
- Activate handset on connected telephone.
- Dial one of the two following program access codes; ✱2000# or ✱2001#.
  - ✱2000# = general parameters (volume levels, timing, etc.)
  - ✱2001# = controlled parameters (calling telephone #, etc.)
- An automated message will play "The code entered is correct."
- Make programming changes (see next page).
- When programming is complete, dial 00 to exit.
- "The code entered is correct" will be played and the GT-TLI will go into idle mode.
- Hang up handset and return the 3 position switch to ON position.

Note:

- **A maximum of 10 seconds are allowed for each programming input. If the time exceeds 10 seconds, the GT-TLI returns to standby mode.**
- **No programming entries are possible when the GT-TLI is playing indicator sounds.**
- **Entering a correct function code is indicated by 1 long beep.**
- **Correct entry of parameters are indicated by the message "The code entered is correct" (see Programming Summary Chart).**
- **Incorrect entry of parameters are indicated by 2 long beeps, or by the automated message "The code entered is incorrect". The GT-TLI will wait for a new function number.**

SET UP - Basic Programming

The following 6 programming steps must be done prior to operating the GT-TLI.

Disabling / Enabling Door Calling Telephone

The GT-TLI can be disabled from calling the programmed telephone, in cases where the tenant wishes not to be disturbed by the GT entrance panel. The default setting is with Door Call Activation enabled.

- Enter program access code *2001# - "The code entered is correct" will be played
- Enter * to enable, or # to disable
- "The code entered is correct" will be played, and the GT-TLI will go into idle mode

Ring Duration of Locally Connected Telephone

Set the ring duration for the connected telephone(s). Time set must be between 10-45 seconds.

- Enter program access code *2001# - "The code entered is correct" will be played
- Enter 20 - 1 long beep will be played
- Enter nn - "The code entered is correct" will be played (nn = time in seconds, i.e. 30)

Program Remote Call Number

Set the remote telephone number that will be dialed by the GT-TLI. The telephone number can be up to 16 digits long. If the telephone number is less than 16 digits, press # after the last digit. A "*" can be used when a pause is required. For example, if needing to dial a digit prior to accessing an outside phone line, or if dialing a phone number with an extension, use the "*" for a pause.

- Enter program access code *2001# - "The code entered is correct" will be played
- Enter 21 - 1 long beep will be played
- Enter nn # - "The code entered is correct" will be played (nn = telephone number)

To delete a telephone number.

- Enter program access code *2001# - "The code entered is correct" will be played
- Enter 21 - 1 long beep will be played
- Enter # - "The code entered is correct" will be played

Program DTMF Code for GT Entrance Panel

In order for the telephone to activate the door release contact on the GT entrance panel, a 2-digit access code must be entered on the telephone while in communication with the door station. The default code is 10.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 25 - 1 long beep will be played
- Enter nn - "The code entered is correct" will be played (nn = 2 digit access code)

Program DTMF Code for GT-TLI Secondary Dry Contact

In order for the telephone to activate the secondary dry contact on the GT-TLI, a 2-digit access code must be entered on the telephone while in communication with the door station. The default code is 20.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 30 - 1 long beep will be played
- Enter nn - "The code entered is correct" will be played (nn = 2 digit access code)

Program Duration of GT-TLI Secondary Dry Contact

The secondary dry contact on the GT-TLI can be activated for a duration of 1-10 seconds. The default is 5 seconds.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 32 - 1 long beep will be played
- Enter nn - "The code entered is correct" will be played (nn = time in seconds, 2 digits)

When programming is complete dial 00 to exit programming mode.

SET UP - Advanced Programming

Ending Communication After Releasing Door on GT Entrance Panel

Choose to end communication immediately after door release (default), after 5 seconds, or not at all.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 35 - 1 long beep will be played
- Enter 1 (immediate disconnect), 1 long beep will be played, enter 0 - "The code entered is correct" will be played
- Enter 1 (5 sec. delay), 1 long beep will be played, enter 1 - "The code entered is correct" will be played
- Enter 0 (no disconnect) - "The code entered is correct" will be played

Ending Communication After Activating Secondary Contact on GT-TLI

Choose to end communication immediately after door release (default), after 5 seconds, or not at all.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 37 - 1 long beep will be played
- Enter 1 (immediate disconnect), 1 long beep will be played, enter 0 - "The code entered is correct" will be played
- Enter 1 (5 sec. delay), 1 long beep will be played, enter 1 - "The code entered is correct" will be played
- Enter 0 (no disconnect) - "The code entered is correct" will be played

Door Call Notification When Locally Connected Telephone is in Use

Choose to receive a verbal message (default) or a tone indicating a call from the door when the telephone is in use.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 43 - 1 long beep will be played
- Enter 1 (verbal message), or 0 (beep) - "The code entered is correct" will be played

Ring Style Selection For GT Entrance Panel Calls

Choose between 1.5 seconds of ringing followed by 3.5 seconds of silence repeated (default) or 1 second of ring followed by 1 second of silence repeated.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 58 - 1 long beep will be played
- Enter 0 (1.5 sec. on - 3.5 sec. off) or 1 (1 sec. on - 1 sec. off) - "The code entered is correct" will be played

Ring Duration Prior to GT-TLI Answering Outside Call

Enter the duration in seconds (default is 45 sec.) that the GT-TLI will ring before answering a telephone call. This is primarily a factor when programming from an outside line. Time must be set in seconds, from 10-255 seconds.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 59 - 1 long beep will be played
- Enter nnn (time in seconds, 3 digit) - "The code entered is correct" will be played

Change Program Passwords

Change passwords for both general parameters (default is 2000) and controlled parameters (default is 2001).
The passwords must be 4 digits and must be different from each other.

- Enter program access code *2000# or *2001# - "The code entered is correct" will be played
- Enter 90 (2000), or Enter 91 (2001) - 1 long beep will be played
- Enter nnnn (nnnn = new 4 digit password) - "The code entered is correct" will be played

Language Selection for Voice Messages

Choose the language for the voice messages (default is English).

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 78 - 1 long beep will be played
- Enter n (n = language, 0 = French, 1 = English, 2 = Spanish) - "The code entered is correct" will be played

SET UP - Advanced Programming *(continued)*

Communication Level For Local Telephone

Adjust the receive and transmit communication volume for the GT entrance panel to the locally connected telephone.

Receive from GT Entrance Panel. The default setting = 04.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 06 - 1 long beep will be played
- Enter nn (nn = level, 00 max level - 31 min level) - "The code entered is correct" will be played

Transmit to GT Entrance Panel. The default setting = 10.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 07 - 1 long beep will be played
- Enter nn (nn = level, 00 max level - 31 min level) - "The code entered is correct" will be played

Communication Level for Remote Dialed Telephone

Adjust the receive and transmit communication volume for the GT entrance panel to the remote dialed telephone.

Receive from GT Entrance Panel. The default setting = 04.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 08 - 1 long beep will be played
- Enter nn (nn = level, 00 max level - 31 min level) - "The code entered is correct" will be played

Transmit to GT Entrance Panel. The default setting = 10.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 09 - 1 long beep will be played
- Enter nn (nn = level, 00 max level - 31 min level) - "The code entered is correct" will be played

Time Setting for Delay Call Transfer

Set the delay time when delay call transfer is enabled. Call transfer can be delayed from 1-40 seconds.
The default setting = 10.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 64 - 1 long beep will be played
- Enter nn (nn = time in sec., 01- 40) - "The code entered is correct" will be played

Switching to Communication Mode with Remote Telephone

Choose between 3 ways of switching to communication with the remote telephone.

0 = switch if end of ringing tone is detected
1 = switch if DTMF detected
2 = switch immediately (default)

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 95 - 1 long beep will be played
- Enter n (n = mode, 0-1-2) - "The code entered is correct" will be played

SET UP - Advanced Programming *(continued)*

Disconnect After Silence or Continuous Signal

Set the time that the GT-TLI will wait before disconnecting when either silence or a continuous signal is played.
The time can be set in increments of 5 seconds, up to 45 seconds. Enter a value 0 through 9.
0 = function off, 1 = 5 sec, 2 = 10 sec, 3 = 15 sec, 4 = 20 sec, 5 = 25 sec, 6 = 30 sec, 7 = 35 sec, 8 = 40 sec, 9 = 45 sec
The defualt setting = 2.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 97 - 1 long beep will be played
- Enter n (n = 1-9) - "The code entered is correct" will be played

Automatic Pause Prior to Dialing

The GT-TLI can be set to pause from 1-6 seconds prior to dialing.
The defualt setting = 3 seconds.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 98 - 1 long beep will be played
- Enter n (n = time in seconds) - "The code entered is correct" will be played

Manually Programming Tones

Ring, Busy, and End Of Communication (EOC) tones may need to be adjusted manually when connecting the GT-TLI to a PBX. Refer to PBX manual for specific setting requirements. Values listed are typically 3 or 4 digits, in milliseconds (i.e. 0.8 seconds will be 800).

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 99 - 1 long beep will be played
- Enter the tone type value of the ringing tone (1 = simple, 2 = double) - 1 long beep will be played
- Enter the minimum value of the ON signal of the ringing tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the ON signal of the ringing tone (3-4 digits) - 1 long beep will be played
- Enter the minimum value of the OFF signal of the ringing tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the OFF signal of the ringing tone (3-4 digits) - 1 long beep will be played
- Enter the tone type value of the busy tone (1 = simple, 2 = double) - 1 long beep will be played
- Enter the minimum value of the ON signal of the busy tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the ON signal of the busy tone (3-4 digits) - 1 long beep will be played
- Enter the minimum value of the OFF signal of the busy tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the OFF signal of the busy tone (3-4 digits) - 1 long beep will be played
- Enter the tone type value of the EOC tone (1 = simple, 2 = double) - 1 long beep will be played
- Enter the minimum value of the ON signal of the EOC tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the ON signal of the EOC tone (3-4 digits) - 1 long beep will be played
- Enter the minimum value of the OFF signal of the EOC tone (3-4 digits) - 1 long beep will be played
- Enter the maximum value of the OFF signal of the EOC tone (3-4 digits) - 1 long beep will be played

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

Default Values

Tones	Value +/- Limits	Min & Max	Values to Prog	Default Values
ON signal ringing	1s +/- 200ms	800/1200	080/120	135/165
OFF signal ringing	3s +/- 200ms	2800/3200	280/320	315/385
ON signal busy	200ms +/- 50ms	150/250	015/025	045/055
OFF signal busy	400ms +/- 50ms	350/450	035/045	045/055
ON signal EOC	500ms-200ms+50ms	300/550	030/055	045/055
OFF signal EOC	500ms-200ms+50ms	300/550	030/055	045/055

SET UP - Advanced Programming *(continued)*

Audible Level of Voice Messages

Adjust the volume level of audible messages played at the GT entrance panel.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 18 - 1 long beep will be played
- Enter n (n = level, 0 max level - 7 min level) - "The code entered is correct" will be played

Voice Messages

Message #1: "Please wait, your call is in progress."
Message #2: "Please enter."
Message #3: "Sorry, the line busy. Please try again later."
Message #4: "Sorry, no answer. Please try again later."
Message #5: "The code entered is incorrect."
Message #6: "The code entered is correct."
Message #7: "Call from door panel."
Message #8: "Telephone call."
Message #9: "Routing on."
Message #10: "Routing off."
Message #11: "Your call is in progress."

Enable / Disable Message #2

If the guidance language feature is turned on at the GT entrance panel, it is recommended that Message #2 be turned off to avoid confusion.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 41 - 1 long beep will be played
- Enter nn (nn = 02, message 2) - 1 long beep will be played
- Enter 1 (enable message), or 0 (disable message) - "The code entered is correct" will be played

Restore Default Parameters

To restore the GT-TLI to default parameters.

- Enter program access code *2000# - "The code entered is correct" will be played
- Enter 29 - "The code entered is correct" will be played

SET UP - Quick Reference Programming Chart

Password	Code	Function	Parameters	Default Value
*2000#	18	Audio level for voice message	Max 0, Min 7	4
	25	DTMF code for GT panel relay	2 digits	10
	29	Restore default parameters	Factory default	-
	30	DTMF code for GT-TLI dry contact	2 digits	20
	32	Duration of GT-TLI dry contact	01 - 10 (1-10 seconds)	05
	35	End communication when activating dry contact on GT panel	0 = communication continues 1-0 = communication ends after contact is activated 1-1 = communication ends 5 sec. after contact is activated	1-0
	37	End communication when activating dry contact on GT-TLI	0 = communication continues 1-0 = communication ends after contact is activated 1-1 = communication ends 5 sec. after contact is activated	1-0
	41	Enable / Disable message 2	0 = message off 1 = message on	1
	43	Call notification when telephone is in use	0 = tone 1 = verbal message	1
	58	Ring style when GT panel calls	0 = 1.5 sec on, 3.5 sec off 1 = 1 sec on, 1 sec off	0
	59	Ring duration prior to GT-TLI answering outside call	001 - 255 (1-255 seconds)	045
	64	Time setting for delay call transfer	01 - 40 (1-40 seconds)	10
	78	Language selection for voice messages	0 = French, 1 = English, 2 = Spanish	1
	90	Create new password	4 digits	2000
	95	Switch to Communication mode with remote telephone	0 = tone detection 1 = DTMF detection	0
	97	Disconnect after silence or cont. tone	1 digit, 0-9 (5 sec intervals)	2 (10 sec)
	98	Automatic pause prior to dialing	1-6 seconds	3
	99	Programming tones manually		-
*2001#	*	Enabling door calling telephone	Enable	*
	#	Disable door calling telephone	Disable	#
	20	Ring duration of locally connected telephone	10-45 seconds	-
	21	Program remote call #	Max. 16 numbers	-
	91	Create new password	4 digits	2001
	00	Code to exit programming mode	-	00

OPERATION

Locally Connected Telephone (i.e. cordless or corded telephone in apartment)

Receiving a call from the door:

- Telephone rings
- “Call from door panel” message is played
- Communication can begin after message is played
- To release door (buzz-in), enter 2 digit code (default is 10)
- System will disconnect after 1 minute

Receiving a call from door while currently on phone:

- “Call from door panel” message is played
  - Option 1: Do nothing, door station will time out
  - Option 2: Hang up current call, phone will ring, and communication with visitor at door can begin
  - Option 3: Press # key to end current call and begin communication with visitor at door
- To release door (buzz-in), enter 2 digit code (default is 10)
- System will disconnect after 1 minute

Receiving a telephone call while communicating with visitor at door:

- “Telephone Call” message is played
- Press # key to switch to telephone call, which will terminate communication to the GT panel

Remote Telephone Instructions: (i.e. answering door with a cell phone)

Receiving a call from the door:

- Telephone rings
- Answer call
- Communication with door is immediate
- To release door enter 2 digit code (default is 10)
- System will disconnect after 1 minute

Forwarding Door Calls to a Remote Telephone (i.e. cell phone)

Locally connected telephone:

- Press #*1 to begin forwarding door calls to a remote telephone - “The code entered is correct” will be played
- Press #*0 to stop forwarding door calls to a remote telephone - “The code entered is correct” will be played

Forwarding Door Calls to a Locally Connected Telephone (tenant)

Remote telephone:

- Dial GT-TLI telephone number (tenant’s phone number)
- GT-TLI answers with “The code entered is correct” after ring duration is reached
- Press #*1 to begin forwarding door calls to a remote telephone - “The code entered is correct” will be played
- Press #*0 to stop forwarding door calls to a remote telephone - “The code entered is correct” will be played

Disable / Silence Door Call-ins

From a locally connected telephone:

- Press #*# to deactivate GT panel call in - “The code entered is correct” will be played

From a remote telephone:

- Dial GT-TLI telephone number (tenant’s phone number)
- GT-TLI answers with “The code entered is correct” after ring duration is reached
- Press #*# to deactivate GT panel call in - “The code entered is correct” will be played

Enable / Activate Door Call-ins

From a locally connected telephone:

- Press #** to activate GT panel call in - “The code entered is correct” will be played

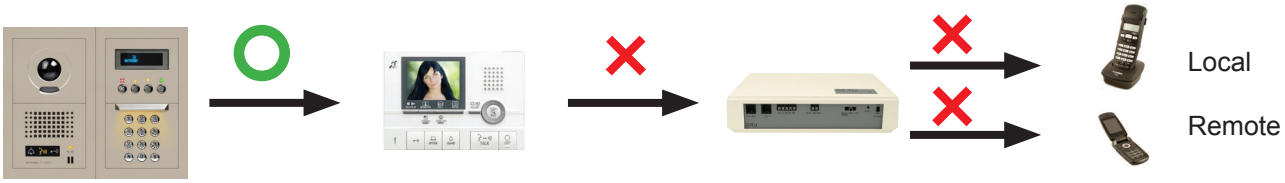
From a remote telephone

- Dial GT-TLI telephone number (tenant’s phone number)
- GT-TLI answers with “The code entered is correct” after ring duration is reached
- Press #** to activate GT panel call in - “The code entered is correct” will be played

OPERATION - Mode Selection

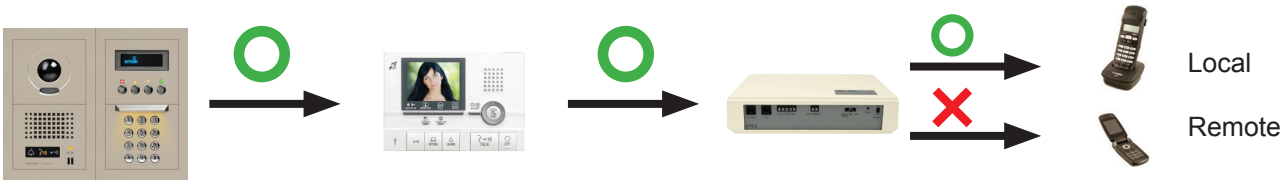
Mode OFF

When the 3 position switch (LOCAL PROG/ON/OFF) is in OFF position, GT panel call will not ring the locally connected telephone or the remote telephone.



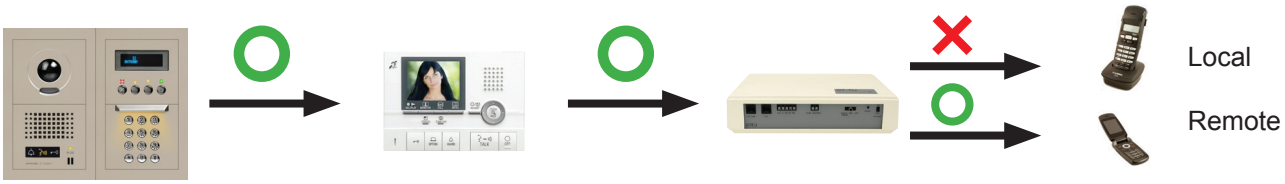
Mode ON Without Transfer

When the 3 position switch (LOCAL PROG/ON/OFF) is in ON position and the transfer feature is not turned on, the GT panel call will ring the locally connected telephone.



Mode ON With Transfer

When the 3 position switch (LOCAL PROG/ON/OFF) is in ON position and the transfer feature turned on, the GT panel call will ring the remote telephone.



PARAMETERS OF INSTALLATION

Programming	Default Value	Installation
Ring duration of the internal telephone set	45 seconds	_____
Remote call telephone number	460	_____
DTMF code for operating GT Panel's dry contact	10	_____
DTMF code for operating GT-TLI's secondary dry contact	20	_____
Operating time of GT-TLI's secondary dry contact	5 seconds	_____
Ending communication after releasing door on GT entrance panel	Yes	_____
Ending communication after activating secondary contact on GT-TLI	Yes	_____
General parameters password	2000	_____
Controlled parameters password	2001	_____
Phone number of GT-TLI	-	_____
S/N of GT-TLI	-	_____

BASIC PROGRAMMING STEP FROM REMOTE TELEPHONE

Dial the phone of the GT-TLI: _____ , call from door panel will be played

Entering Remote Call Number

Enter *2001# - “The code entered is correct” will be played
Enter 21, 1 long beep will be played
Enter telephone number _____ , “The code entered is correct” will be played
Enter 00 to exit - 3 short beeps will be played

Adjust Ring Duration of Local Telephone

Enter *2001# - “The code entered is correct” will be played
Enter 20, 1 long beep will be played
Enter duration in seconds (10-45s) _____ , “The code entered is correct” will be played
Enter 00 to exit - 3 short beeps will be played

Enter Door Release Code for GT Entrance Panel

Enter *2000# - “The code entered is correct” will be played
Enter 25, 1 long beep will be played
Enter 2 digit code _____ , “The code entered is correct” will be played
Enter 00 to exit - 3 short beeps will be played

Enter Door Release Code for Secondary Contact on GT-TLI

Enter *2000# - “The code entered is correct” will be played
Enter 30, 1 long beep will be played
Enter 2 digit code _____ , “The code entered is correct” will be played
Enter 00 to exit - 3 short beeps will be played

Adjust Contact Duration of Secondary Contact on GT-TLI

Enter *2000# - “The code entered is correct” will be played
Enter 32, 1 long beep will be played
Enter time in seconds (1-10s, 2 digits) _____ , “The code entered is correct” will be played
Enter 00 to exit - 3 short beeps will be played

SPECIFICATIONS

Dimensions	9-7/16” x 7-1/16” x 2-1/16”, 240mm x 180mm x 53mm	
Weight	6.35 oz, 0.18 kg	
Temperature	32°F - 140°F, 0°C - 40°C	
Connections	Standard single line PBX jack master socket within 50 meters or PABX extension of the internal telecommunication network of a company.	
Power required	12V-24V AC/DC - 0.5A	
Consumption	12V AC/DC Standby: 95mA	24V AC/DC Standby: 45mA
Standards	EN60950 EN55022 Edition 98 Class B EN55024 Edition 98 Class B FCC parts 68 & 15 IC CS-03	
Programming	Local or remotely via touch-tone (DTMF) telephone	
System Capacity	1 call number (16 digits)	
Memory	Non-volatile memory	
Chassis	ABS plastic	

TROUBLESHOOTING TIPS

The red LED on the GT-TLI doesn’t light.	Check polarity on power supply. Verify voltage is adequate. (12V-24V AC/DC - 0.5A).
GT-TLI does not ring the programmed telephone number.	Check connection of telephone line on the CO terminal. Re-program the call number.
Inopportune switching while in communication when external number is called.	GT-TLI is installed on an internal line of a PABX. Tones are different, refer to Advanced Programming section on programming tones manually. GT-TLI is connected to a PBX telephone line. Tones are different, refer to Advanced Programming section on programming tones manually.

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. Aiphone will repair free of charge or replace at no charge should the product 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 of 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.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back of this equipment is a label that contains the product identifier **US:23BOT05B578** along with the **REN** (Ringer Equivalency Number) of **0.5B.** If requested, these numbers must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. See installation instructions for details.

If this equipment (GT-TLI) causes harm to the telephone network, you will be notified by the telephone company in advance. A discontinuation of service may be required. If necessary, you will be advised of your rights to file a complaint with the FCC.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of this equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with the GT-TLI, please contact Aiphone Corporation at 800-692-0200 for repair information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

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