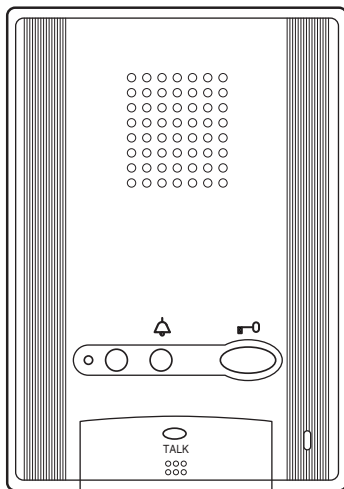


# AIPHONE

## GT-1A

### Residential/Tenant Station

## OPERATION MANUAL



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Thank you for selecting Aiphone for your communication needs.

\* Please read this manual for safe and correct use of the system, and keep in a safe place for future reference.

Please note that images and illustrations depicted in this manual may differ from the actual product.

# PRECAUTIONS



Prohibited



Do not dismantle unit



Keep unit away from water



Be sure to follow the instruction

## ⚠ WARNING

(Negligence could result in death or serious injury.)

- ⊘ 1. Do not dismantle or alter the unit. Fire or electric shock could result.
- ⊘ 2. Do not put any metal and flammable material into the unit through the openings. Fire, electric shock, or unit trouble could result.
- ⊘ 3. Keep the unit away from water or any other liquid. Fire or electric shock could result.
- ⊘ 4. During an electrical storm, do not touch the unit. Electric shock could result.
- ⚡ 5. If there is any smoke, unusual odor, or abnormal sound, or if you drop or damage the unit, turn off the system power breaker immediately. Fire or electric shock could result.

## ⚠ CAUTION

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

- ⊘ 1. Do not put anything on or cover the unit with cloth, etc. Fire or unit trouble could result.
- ⊘ 2. Do not place your ear near the speaker during use. An unexpected loud sound could cause hearing damage.

## General Precautions

1. Keep the unit more than 1 m (3.3') away from radio or TV set.
2. Keep residential/tenant station more than 20cm (7-7/8") away from other radio equipment, for example floor heating controller, wireless router or cordless telephone, etc. It may cause unwanted noise distortion.
3. As to other manufacturer's devices (such as sensor, detectors, door releases) used with this system, comply with the Specifications and Warranty conditions that the manufacturers or venders present.
4. Talk within 30cm (12") from this unit. If you are too far away, it may be difficult to hear audio.
5. Using a mobile phone or professional-use radio equipment such as walkie-talkie close to the system may cause a malfunction.

## Notices

- Please note that we will under no conditions be liable for any damages or losses resulting from this product's contents or specifications.
- Please note that we will under no conditions be liable for any damages or losses due to malfunctions, problems, or operational errors in this product.
- The unit is inoperative during power failure.
- This unit is designed for indoor use only. Do not use at outdoor locations.
- This system is not intended for life support or crime prevention. It is just a supplementary means of conveying information. Aiphone will under no conditions be liable for loss of life or property which occurs while the system is being operated.
- In areas where broadcasting station antennas are close by, this system may be affected by radio frequency interference.
- The unit may get slightly warm, but this is not a malfunction.
- The hands-free communication is a mode in which transmitting and receiving stations are switched automatically so that a louder sound can be heard prior to a quieter sound. If the sound around the residential/tenant station with monitor or the video door station (entrance) is loud, communication may be interrupted or voice response may be difficult.
- During communication, if you speak before the other person has finished talking, your voice may not come through clearly. Conversation will proceed smoothly if you speak when the other person has finished talking.
- If you speak in a fixed tone, the noise-cut function may judge it to be a noise and cut the transmission, but this is not a malfunction.
- This unit is intended to be mounted on a wall only. It cannot be used on a desktop.
- Available functions and services are limited according to the specifications of the installed system.

# 1 NAMES AND FUNCTIONS

### Guard station call/light button

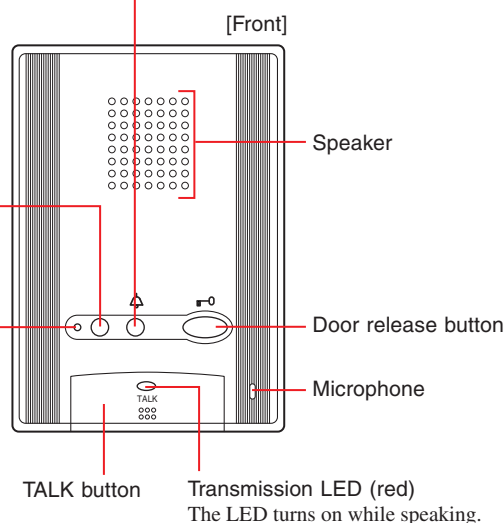
- Calls the guard station.
- Turns on the entrance light during calling and communication, when it is installed in common area.

### Option button

Operates a connected device such as a light.

### Tone off LED (red)

When the call tone volume switch is "OFF", it flashes at approximately 4 second intervals.



TALK button

Transmission LED (red)

The LED turns on while speaking.

### [Bottom]



Speaker volume switch  
(LOW, MEDIUM, HIGH)

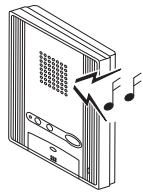
Call tone volume switch  
(OFF, MEDIUM, HIGH)

## 2 OPERATION

### 2-1 Answering a call

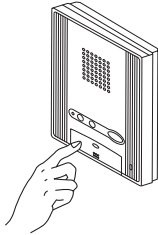
**1** When a call is received from an entrance station or guard station, a call tone sounds.

- The Tone off LED will flash.
- \* If there is no response, the call ends after the call duration has elapsed.



**2** Press the TALK button once to answer the call.

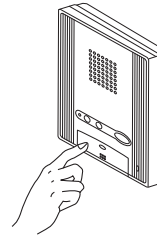
- The Tone off LED will turn on.



- \* Enable push-to-talk communication by pressing the TALK button for one second or more during hands-free communication. (For push-to-talk communication, press the TALK button to speak, and release to listen.)

**3** Press the TALK button once to end communication.

- \* Communication ends automatically after approximately one minute.

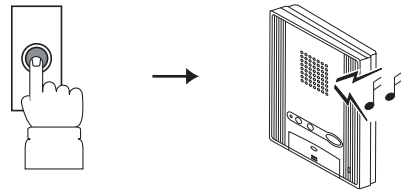


### 2-2 Calling from the doorbell button

\* Available depending on the equipment used in the system.

**1** When receiving a call from a doorbell button, a call tone will sound for the duration of the button being pressed.

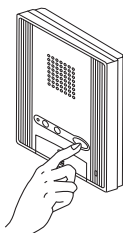
- Call tone is different than that from the entrance station. (Communication is not possible.)



### 2-3 Door release

\* Available depending on the equipment used in the system.

**1** Press the  door release button while in communication with the entrance station.



**2** Door release is activated at the entrance station.




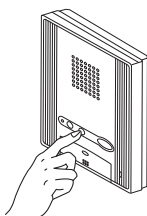
**NOTE:** Duration of door release activation can be controlled by the entrance panel audio module, or by the door release system that is used.

### 2-4 Light control

\* Available depending on the equipment used in the system.

Turning the entrance light on when a light is installed in the common area.

**1** Press the  guard station call/light button once during entrance station calling or communication.



**2** The light at the entrance will only turn on for the preset time duration.




**NOTE:** This function is not available if a surveillance camera is installed in the common area.

## 2-5 Doctor call

\* Available depending on the equipment used in the system.

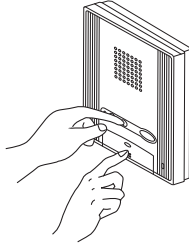
When the specified residence is called using Doctor call (automatic entry), the electric lock is automatically released without a door release operation from the residential/tenant station.

### To enable Doctor call

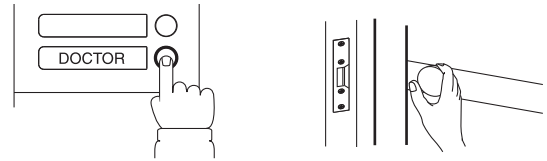
In standby mode, press  the guard station call/light button while holding the TALK button.

\* Repeat this to disable Doctor call.

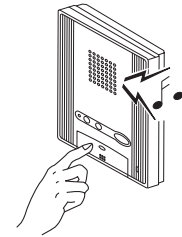
- When the Doctor call function is enabled, the Tone off LED flashes at approximately 3 second intervals.



- 1 Press the CALL button of the entrance station to unlock the door without a door release operation from the residential/tenant station.



- 2 Press the TALK button to answer the call if necessary.




NOTES:

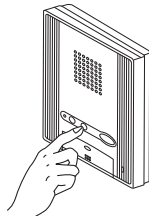
- When Doctor call is enabled, the Tone Off LED function cannot be used.
- When calls are transferred to the guard station, door release with Doctor call is not possible.
- The availability of this function depends on setup.

## 2-6 Calling guard stations

\* Available depending on the equipment used in the system.

- 1 Press the  guard station call/light button.

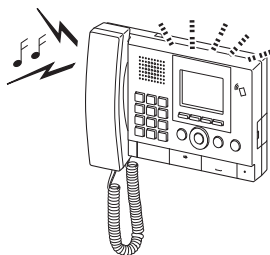
- A ring back tone sounds.
- The Tone off LED will flash.



\* A busy tone is heard if the guard station is communicating with another device.

- 2 Speak when the guard station answers the call.

- \* Communication ends automatically after approximately one minute.



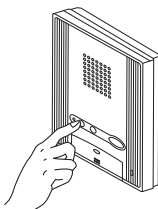
### Notes about calling and communication

- When two or more residential/tenant stations are installed in one room, communication between the two cannot be established.
- When two or more residential/tenant stations are installed in a room, if one is in use, the other cannot be used.
- While the residential/tenant station is being called from another device, a call tone does not sound. Moreover, while the emergency alert is sounding, no call from another device sounds.

## 2-7 Option button

\* Available depending on the equipment used in the system.

Pressing the option button allows for operation of connected units, such as turning lights on and off.

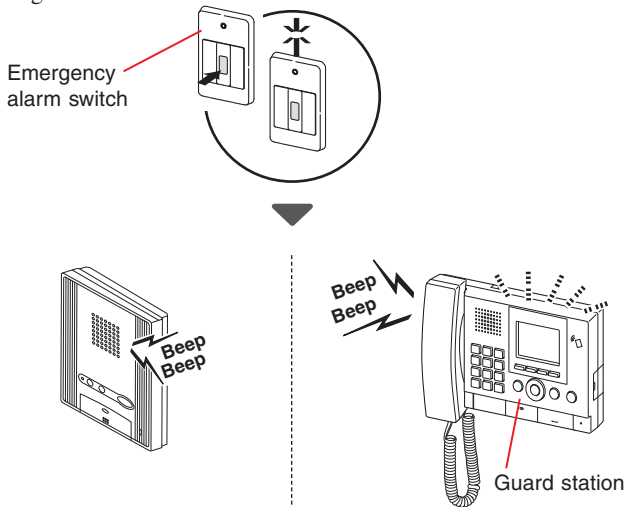


NOTE: A signal is output while the option button is being pressed. (The operation method may differ depending on the device used in conjunction with this unit.)

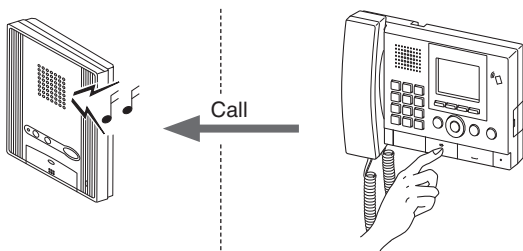
## 2-8 Emergency alarm

\* Available depending on the equipment used in the system.

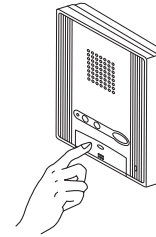
- When the emergency alarm switch is pressed and locked (or when there is a line-off activation), an alarm will sound from the residential/tenant station, and a warning signal will be sent to the guard station.



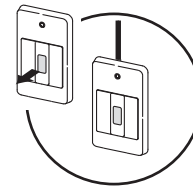
- When there is a call from the guard station, the alarm sound will change to a call tone.
  - The Tone off LED will flash.



- Press the TALK button to communicate with the guard station. The emergency alarm will sound again when communication has finished.
  - The Tone off LED will turn on.
  - It will turn off if the TALK button is pressed again.



- Release the lock position of the emergency alarm switch to return to standby (restore the system to normal status), then the alarm will stop.



- NOTES:
- On the residential/tenant station, the emergency alarm and call tone will be emitted at a loud (HIGH) volume, regardless of the volume setting.
  - The emergency alarm function can be activated even when the system is in use. (Alarms can be activated at the same time by up to 5 units.)
  - Residential/tenant stations within the same residence will be unable to receive normal calls or doorbell calls while the emergency alarm is sounding. It is only possible to respond to calls from the guard station.
  - During the emergency alarm, the entrance station cannot make calls to the residential/tenant station or to the guard station that are producing emergency alarms.

## 3 TECHNICAL PRECAUTIONS

- Cleaning:**  
Clean the unit with a soft cloth dampened with a neutral household cleanser. Do not use any abrasive cleaner or cloth.  
**CAUTION:** Do not use chemicals such as thinner or benzine. In addition, do not use a scrub brush, sandpaper, etc. Otherwise the unit surface could be damaged or discolored.
- If there is a system malfunction, contact a qualified technician for service.

## 4 TROUBLESHOOTING

If the unit fails to operate normally, check the following points to determine whether the fault can be corrected by the simple measures suggested. If it cannot be corrected, or the fault is not listed in the "Symptom" column, contact your administrator or the system supplier.

Symptom	Cause	Solution
The call tone from the entrance station or the door station/doorbell does not sound.	The call tone volume is set to "OFF".	Adjust the call tone volume.
Nothing is heard even if the TALK button is pressed.	The speaker volume switch is set to "LOW".	Adjust the speaker volume switch during communication.
There is no response even if the guard station call/light button is pressed.	A guard station is not installed.	Contact your administrator.
Communication is interrupted, or it becomes a one-way conversation.	Loud sounds around this station, entrance station, or door station.	Because of auto-voice actuation, audio may be interrupted when a surrounding sound is loud. In that case, press and hold the TALK button to enable the push-to-talk function.
The station does not work at all.	The power of the system may be off.	Contact your administrator.
The Tone off LED is flashing during standby.	The Tone off LED flashes at approximately 4 second intervals when the call tone volume switch is set to "OFF".	Change the call tone volume level.
	Doctor call is enabled.	Disable the doctor call function.

## 5 SPECIFICATIONS

Power supply	DC 24 V (supplied from GT-BC)
Communication	Hands-free (Auto-voice actuation)
	Push-to-talk
Ambient temperature	0°C - 40°C (32°F - 104°F)
Mounting	Wall (surface)-mount

Material	Plastic
Color	White
Dimensions	H:175mm (6-7/8") × W:125mm (4-15/16") × D:32mm (1-1/4")
Mass	Approx. 330g (0.73lbs.)


## REGULATIONS

**FCC**  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** 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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**INDUSTRY CANADA**  
CAN ICES-3 (B)/NMB-3(B)

**WEEE**  
The object area of  is the EU.

## WARRANTY

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of 2 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, power surge, 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. This warranty is limited to the standard specifications listed in the operation manual. This warranty does not cover any supplementary function of a third party product that is added by users or suppliers. Please note that any damage or other issues caused by failure of function or interconnection with Aiphone products is also not covered by this warranty. Aiphone will not be responsible for any costs incurred involving on site service calls. Aiphone will not provide compensation for any loss or damage incurred by the breakdown or malfunction of its products during use, or for any consequent inconvenience or losses that may result.

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