

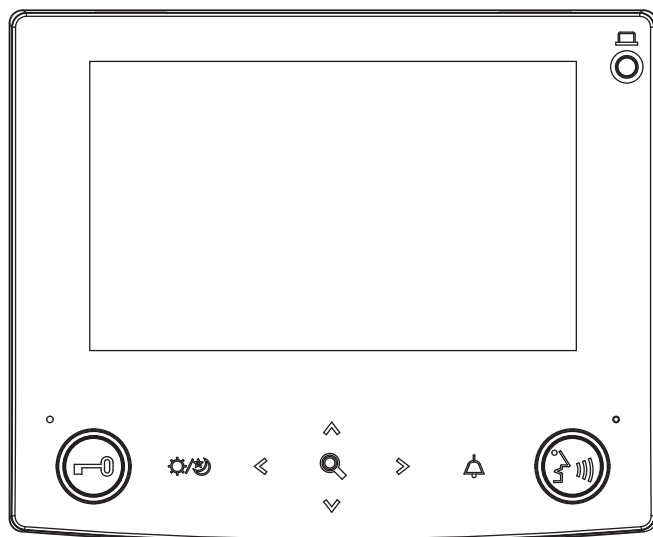
# AIPHONE

## GT-1C7-L/GT-1C7 GT-1M3-L/GT-1M3

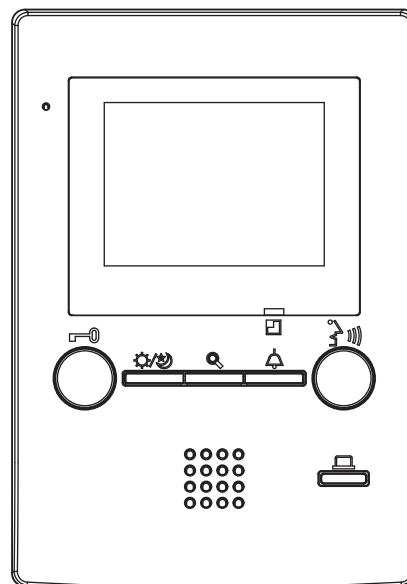
Residential/Tenant Station

### OPERATION MANUAL

GT-1C7-L/GT-1C7



GT-1M3-L/GT-1M3



Thank you for selecting Aiphone for your communication needs.

\* Please make sure to read this manual for safe and correct use of the system, and keep this 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. Keep the unit away from water or any other liquid. Fire or electric shock could result.
- ⊘ 3. Do not put any metal or flammable material into the unit through the openings. Fire or electric shock could result.
- ⊘ 4. High voltage is present internally. Do not open the case. Electric shock could result.

## ⚠ CAUTION

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

- ⊘ 1. Do not install the unit in any of the following locations. Fire, electric shock, or unit trouble could result.
  - \* Places under direct sunlight or places near heating equipment, boiler that varies in temperature.
  - \* Places where dust, oil, chemicals or hydrogen sulfide are present.
  - \* Places where moisture and humidity extremes are present, such as bathrooms, cellars, greenhouses, etc.
  - \* Places where the temperature is quite low, such as inside refrigerated area or in front of an air conditioner.
  - \* Places where steam or smoke (near heating or cooking surfaces).
  - \* Where noise generating devices such as dimmer switches or inverter electrical appliances are close by.
  - \* Locations where extremely powerful electric fields are present.
- ⊘ 2. Do not put anything on the unit or cover the unit with cloth, etc. Fire or unit trouble could result.
- ⊘ 3. Do not press on the LCD or subject it to high impact. The LCD glass could be punctured and result in an injury.
- ⊘ 4. If the LCD is punctured, do not allow skin contact with the liquid crystal inside. Inflammation could result.
  - \* If liquid crystal is ingested, immediately gargle with water and seek medical attention.
  - \* If contact with the eyes or skin occurs, clean with pure water and seek medical attention.

## General Precautions

1. Keep the unit more than 1 m (3.3') away from radio or TV set.
2. All the units are designed for indoor use only. Do not use outdoors.
3. In areas where broadcasting station antennas are close by, intercom system may be affected by radio frequency interference.
4. 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 vendors present.
5. If the unit is down or does not operate properly, turn off the power supply on Bus control unit (GT-BC).
6. When wall-mounted, the top of the unit may darken. This does not indicate a malfunction.
7. The unit case may become warm with use, but this is not a unit malfunction.
8. If a cellular phone is used close by, the unit may malfunction.
9. The LCD panel is manufactured with very high precision techniques, there are pixel miss and always turn on in some part, but it is not malfunction. Please be aware of this in advance.
10. Refrain from using this unit in sunlit areas.
11. At night, due to reduced lighting on the object, there are more video noise on the monitor, the face becomes more difficult to see, but this is not malfunction.
12. Talk within 50 cm (20") or less from the unit. If you stand too far away, it may be difficult for the other person to hear the communication.
13. If there are loud noises around the unit (such as music playing), the sound may break up and be difficult to hear.
14. During communication, if you speak before the other person has finished talking, your voice may not come through clearly. Communication will proceed smoothly if you wait until the other person has finished before speaking.

15. At a gate or porch illuminated by a fluorescent lamp, the picture may vary, but this is not a malfunction.
16. When outside temperature lowers sharply after rainfall, etc., the inside of the camera may fog up slightly, causing a blurry picture, but this is not a malfunction. Normal operation will be restored when moisture evaporates.
17. Due to the environmental sound around the unit, it may hinder smooth communication, but this is not a malfunction.
18. When protection film is affixed to a unit, be sure to remove this before use.
19. The video image displayed by video door station may differ from that of the actual picture, but this is not a malfunction.
20. If the screen of a video door station freezes during wintertime, the picture may become difficult to see or the CALL button may not move, but this is not a malfunction.
21. The unit turns inoperative during power failure.
22. When putting a hearing aid into T-mode and approaching the unit, the intercom system may be affected by radio frequency interference etc., depending on the installation environment.
23. Be careful about where the unit is used, as use of computers, televisions, or radios near the unit may affect transmission from the unit or cause unwanted noise.
24. If very bright light such as direct sunlight hits the camera, white lines may appear on the screen or the light may create a reflection pattern on the screen. This will make it difficult to see the visitor's face, but this is not a unit malfunction.
25. Using a mobile phone or professional-use radio equipment such as walkie-talkie close to the system may cause a malfunction.
26. This product, providing door release, should not be used as a crime prevention device.

## Notice

- We will under no conditions be liable for damage that occurs due to the inability to communicate due to malfunctions, problems, or operational errors in this product.
- We will under no conditions be liable for any damages or losses resulting from this product's contents or specifications.
- This manual was created by Aiphone Co., Ltd., all rights reserved. Copying a part of or this entire manual without prior permission from Aiphone Co., Ltd. is strictly forbidden.
- Please note that images and illustrations depicted in this manual may differ from the actual product.
- Please note that this manual may be revised or changed without prior notice.
- Please note that product specifications may be changed for the sake of improvement without prior notice.
- This system is not intended for life support or crime prevention. It is 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.

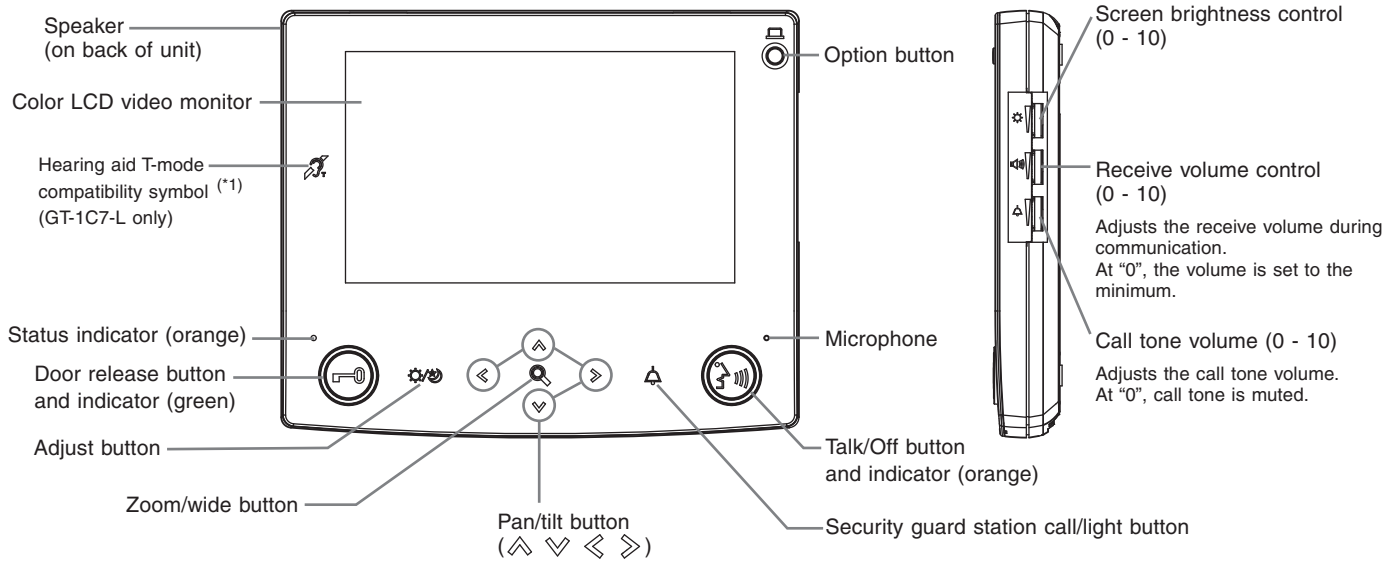
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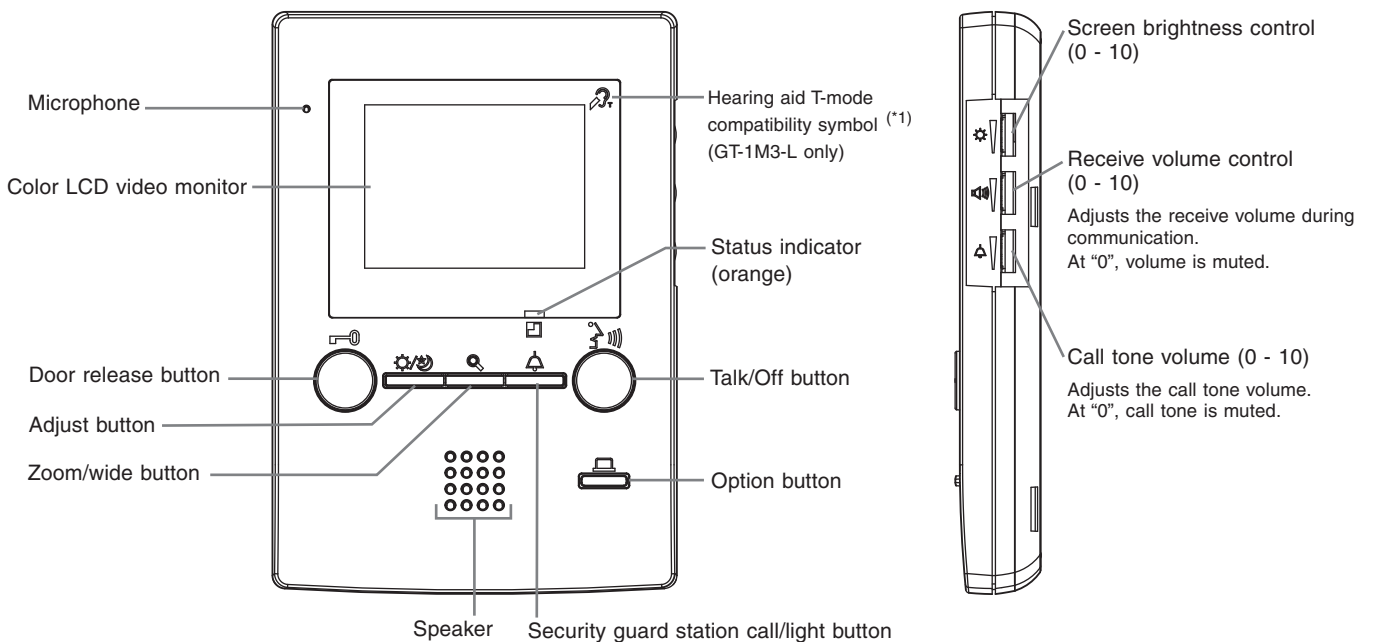
# PART NAMES AND FUNCTIONS

## 1 OPERATION PANEL

### GT-1C7-L/GT-1C7

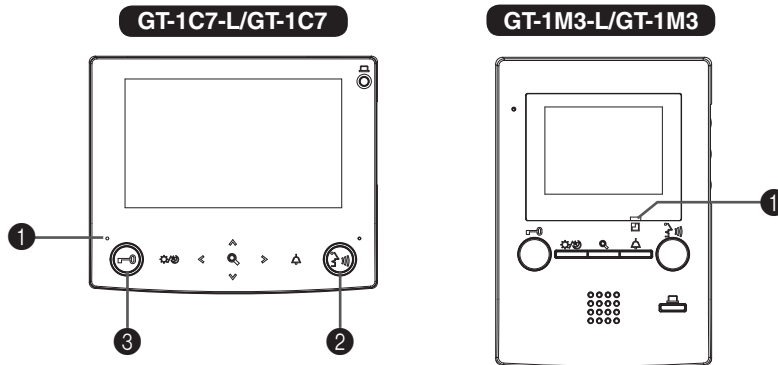


### GT-1M3-L/GT-1M3

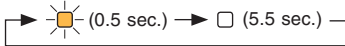
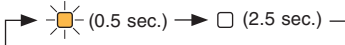
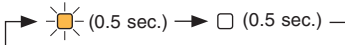
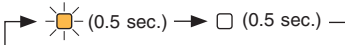






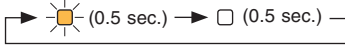
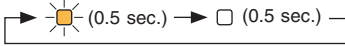




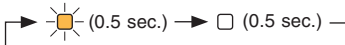


(\*1): This station emits an electromagnetic field for hearing aids equipped with T-mode to produce clear audio.

## 2 INDICATORS



### Indication patterns

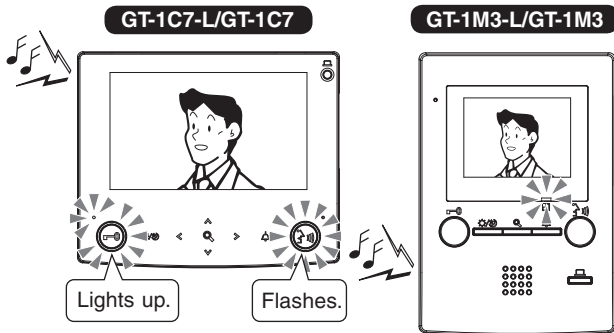
Status	Indicator	① Status indicator (orange)	② Talk indicator (orange)	③ Door release indicator (green)
In standby mode		Off	Off	Off
In standby mode (Call tone volume: off)		Long interval flashing 	Off	Off
In standby mode (Doctor call: on)		Slow flashing 	Off	Off
The system is in use by another station. (This station is inoperable.)		Off	Off	Off
While entrance station is calling		Fast flashing 	Fast flashing 	<ul style="list-style-type: none"> <li>Lit  (when called by an entrance station with camera)</li> <li>Off (when called by an entrance station without camera)</li> </ul>
Communicating with an entrance station		Lit 	Lit 	Lit 
Monitoring an entrance station		Lit 	Lit 	Off
Calling a security guard station		Fast flashing 	Fast flashing 	Off
While security guard is calling		Fast flashing 	Fast flashing 	Off
Communicating with a security guard station		Lit 	Lit 	Off
Being called by a door bell		Off	Off	Off
Sounding an emergency alarm		Fast flashing 	Off	Off




# USING THE STATION

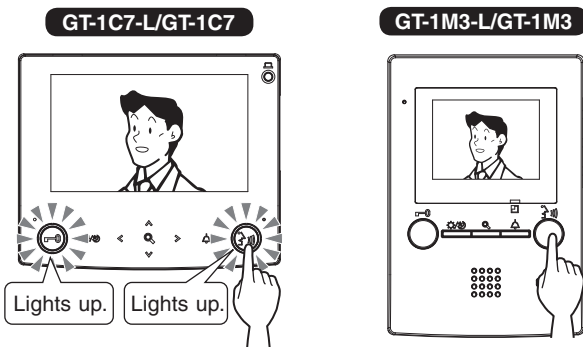
## 1 RECEIVING CALLS


### 1-1 Answering a call

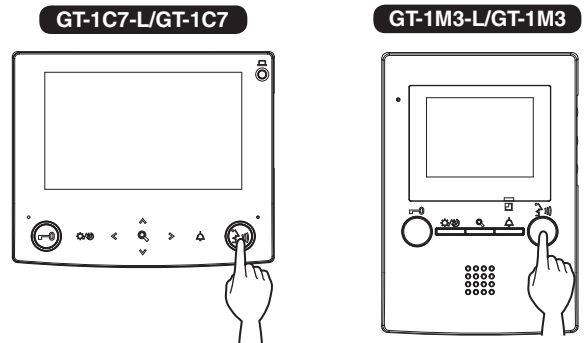
- 1 When a call is received from an entrance station or security guard station, a call tone will sound and the status indicator flashes. If the station has a camera, video will be displayed on the monitor.



- 2 Press the [  ] button once, and after the beep, communicate hands-free. Hands-free communication starts when the status indicator switches from flashing to steadily lit.
- If you press the [  ] button for at least two seconds while talking hands-free, a beep will be emitted and you can communicate by push-to-talk communication.
  - In push-to-talk communication, press the [  ] button to talk and release it to listen.
  - Calling turns off after a set amount of time if there is no answer.
  - Listening is possible with hearing aids with T-mode. (GT-1C7-L and GT-1M3-L only)



- 3 When done talking, press the [  ] button.  
All the indicators turn off.

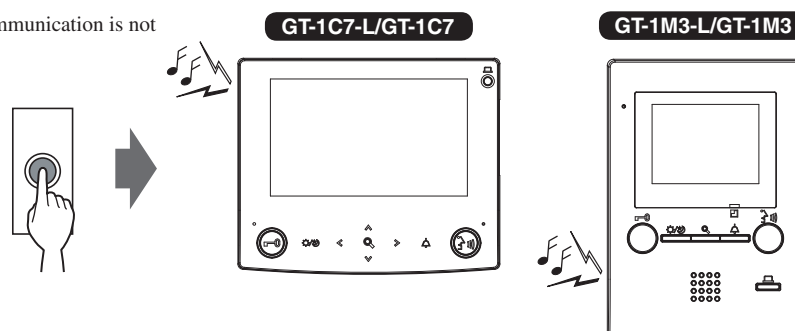


NOTES: • During communication, it is not possible to switch back to hands-free from push-to-talk communication.  
• The communication will end automatically after approximately 60 seconds.  
• If the call tone volume is turned off, the status indicator will flash with a long interval.

⚠ The station emits an electromagnetic field. If a hearing aid with T-mode is brought too close to the station, this may cause ear pain. (GT-1C7-L and GT-1M3-L only)

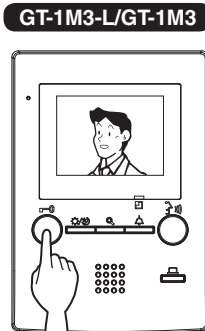
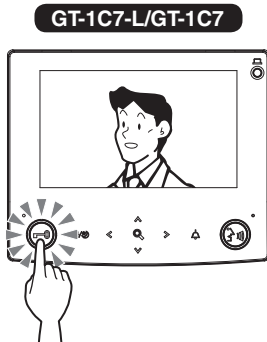
### 1-2 Calling from the Doorbell Button

- 1 When the doorbell button is pressed, a call tone will sound.
- A different call tone sounds. (Communication is not possible.)



## 1-3 Door release

- 1 Press the [ ] button while in communication with the entrance station.



- 2 Door release is activated at the entrance station.

- If calling from a video entrance station, door release can be activated without answering.

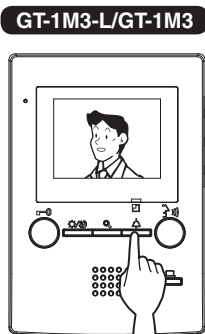
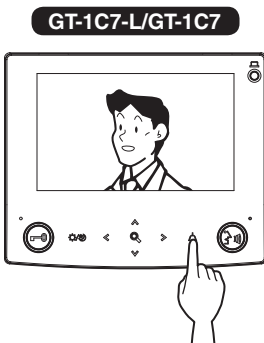


**NOTE:** If door release output from GT system is connected to an access control system, door release will be activated based on the access control settings.

## 1-4 Light control

Turning the entrance light on (when light is installed in common area)

- 1 Press the [ ] button once during entrance station calling, communication, or monitoring.



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

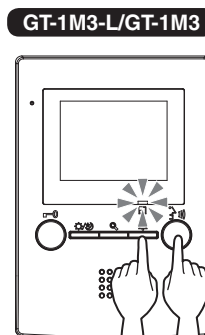
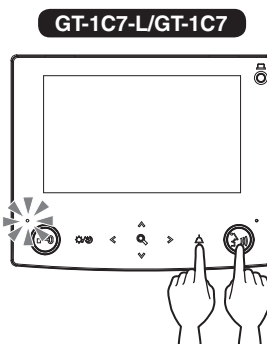


**NOTE:** This function is not available if a surveillance camera is installed in the common area. (Refer to section 4-5.)

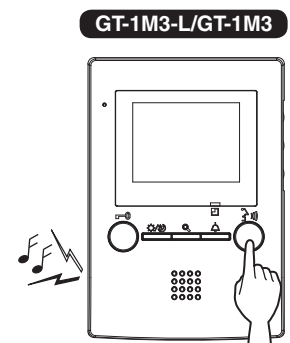
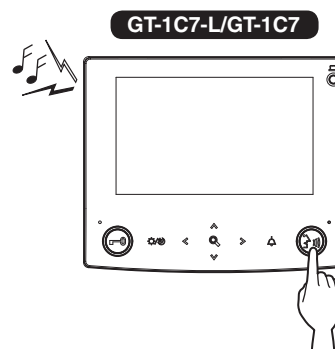
## 1-5 Doctor call

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

- 1 In the standby mode, press the [ ] button while pressing the [ ] button. Press both buttons once more to reset the Doctor call function.

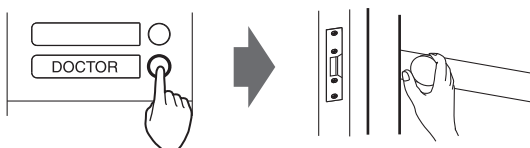


- 3 The residential/tenant station for which the Doctor call function is set will be called. Press the [ ] button as necessary to answer.



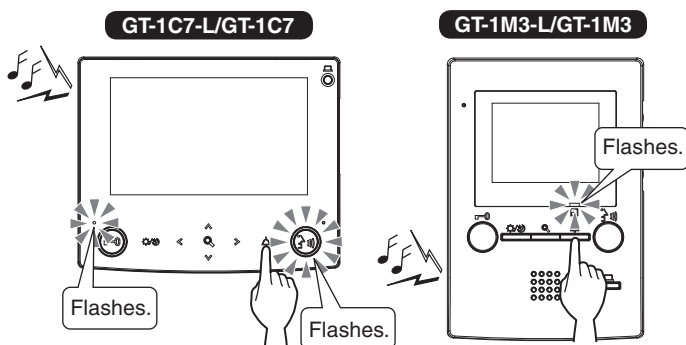
**NOTE:** When calls are transferred to the security guard station, door release with Doctor call is not possible.

- 2 Press CALL button at the entrance station to unlock the door without pressing door release button at the residential/tenant station.



## 2 CALLING SECURITY GUARD STATIONS

- 1 In the standby mode, pressing the [△] button will make the status indicator flash and a call confirmation tone will sound.

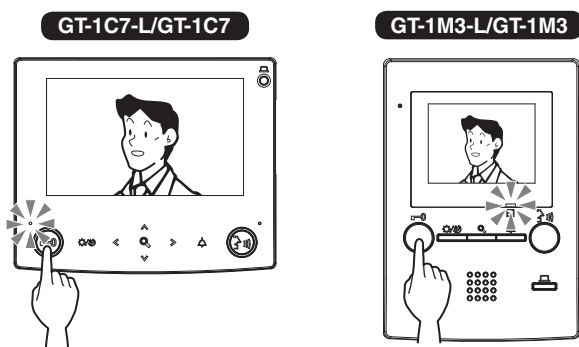


- 2 A tone will sound at the security guard station.

- The in use indicator (orange) at all of the connected entrance stations and security guard stations will light up.
- If there is no answer, a call record will be stored in the security guard station.

## 3 MONITORING

- 1 In the standby mode, press the [⊞] button to display the video images of the entrances in sequence. Audio can be heard at the same time. The status indicator will light up.



- Listening is possible with hearing aids with T-mode. (GT-1C7-L and GT-1M3-L only)

NOTES:

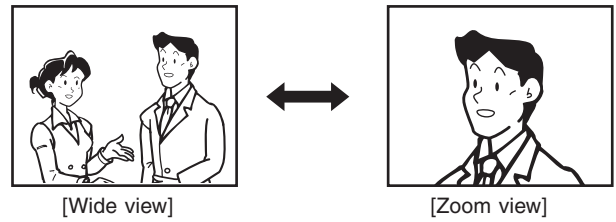
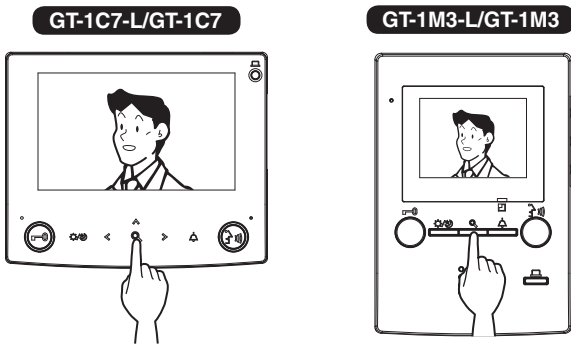
- If there is an operation such as a call, monitoring ends and the call operation begins.
- Monitoring will automatically end if monitoring is performed at another residential/tenant station.
- Press the [⊞] button during monitoring to communicate with the entrance station being monitored.
- During monitoring, the wide view is displayed. (If the [⊞] button is pressed, the display changes to the zoom view.)
- Monitoring will automatically end after 30 seconds.
- It may take several seconds to display the video after pressing the [⊞] button. Please wait for the video to display before performing the next button operation.
- This function may not be operated due to the equipment being used.
- With this function, you can monitor only entrance stations with camera that were set to allow for being monitored at the time of the installer's setup.



# 4 OPERATION DURING COMMUNICATION AND MONITORING

## 4-1 Zoom/wide switching

- Press the [Q] button when video is displayed.
  - Switching between [zoom] and [wide] occurs each time the button is pressed.



NOTE:

- GT-1C7-L/GT-1C7 only**  
When the visitor is not shown in the center of the screen, the zoom view can be moved up, down, left, and right. (Refer to section 4-2.)
- The wide view may be distorted in comparison with the zoom view due to the characteristics of the camera, but this is not a malfunction.

## 4-2 Pan/tilt operation **GT-1C7-L/GT-1C7 only**

- When in zoom view, press the [▲], [▼], [◀], or [▶] button.

- [▲]: Up
- [▼]: Down
- [◀]: Left
- [▶]: Right



NOTES:

- The image range of the zoom view and wide view differs. The edges of the wide view do not display with the zoom view.
- At night, due to reduced lighting, subjects may become blurry and difficult to see if the zoom view is moved up, down, left, or right. (The same thing occurs with moving subjects.)

## 4-3 Night illumination

At night, the illuminator LED on the entrance station lights up during an entrance station call. It can also be made to light up at night when the entrance is being monitored.

### When a call is made from the entrance station

- 1 If the CALL button of the entrance station is pressed, the illuminator LED will light up.



The illuminator LED will light up.

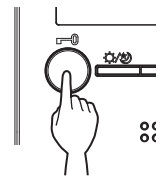
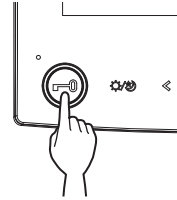
- 2 When communication ends, the illuminator LED will turn off.

### When monitoring

- 1 Pressing the [ ] button will make the illuminator LED light up.

GT-1C7-L/GT-1C7

GT-1M3-L/GT-1M3



- 2 When monitoring ends, the illuminator LED will turn off.

NOTES: • Distinguishing between day and night is automatically done by the entrance station.  
• Operation will vary depending on the entrance station setting.

## 4-4 Backlight adjustment and night adjustment

### Day

When a station is installed at an entrance where backlighting makes viewing difficult, adjustment for easier viewing is possible.

- 1 When the picture is difficult to see, press the [ ] button to adjust for lighting.

NOTE: When a new call is placed, backlight adjustment reverts to the default mode.

### Night

At night or when the area around the entrance is dark, adjustment for easier viewing is possible.

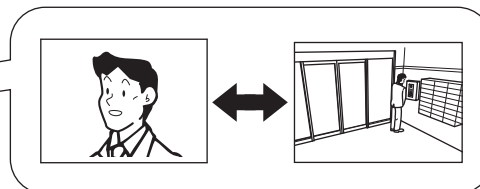
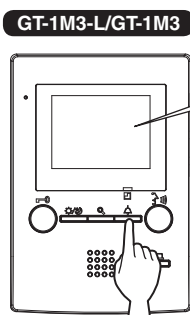
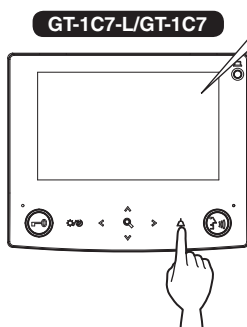
- 1 When the picture is difficult to see, press the [ ] button to switch between [Night adjustment] and [No adjustment].

NOTES: • When a new call is placed, night adjustment reverts to the default mode.  
• Distinguishing between day and night is automatically done by the entrance station.  
• Pressing the [ ] button at night makes the visitor's face easier to see, but moving subjects may be more difficult to see.

## 4-5 Switching to surveillance camera installed in common area

### When a surveillance camera is installed in the common area

Press the [ ] button when video image is displayed to switch to the surveillance camera video image. Press the button again to return to the entrance station video image.

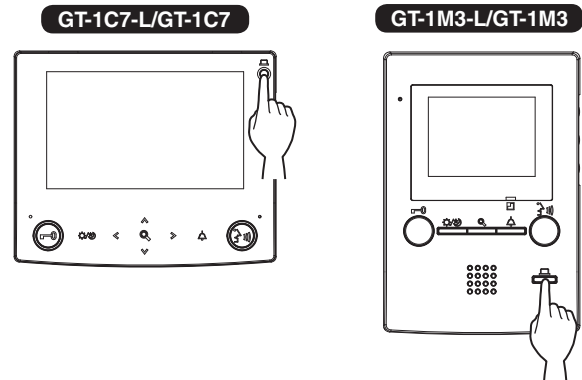


NOTE: During switching between the entrance camera and surveillance camera in common area, the image on the monitor may become momentarily distorted, but this is not a malfunction.

# 5 ALARMS AND RELATED INFO.

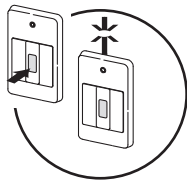
## 5-1 Option button

Pressing the [ ] button allows for connected devices to be activated, such as turning lights on or off.

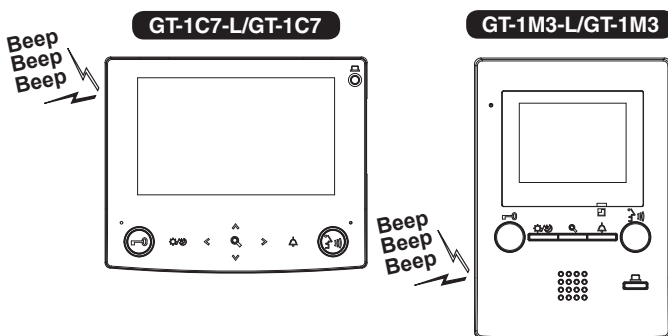


## 5-2 Emergency alarm

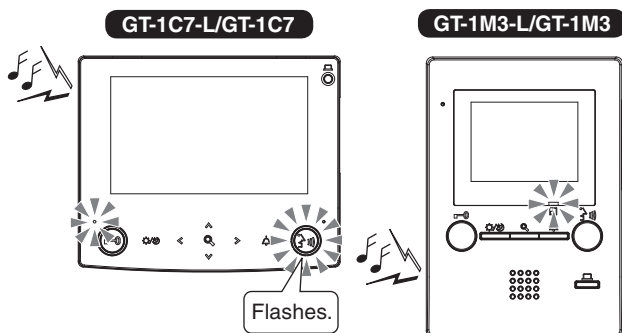
1 Press and lock the emergency alarm switch (or when there is a line - off trouble).



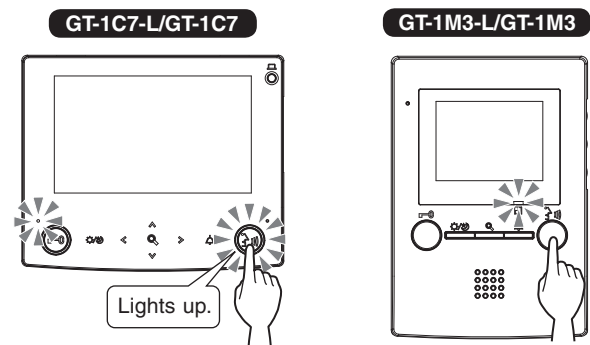
2 An alarm will sound from the residential/tenant station, and a warning signal will be sent to the security guard station.



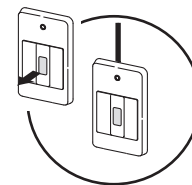
3 When there is a call from the security guard station, the warning sound will change to a call tone that will sound for the set amount of time. The status Indicator flashes.



4 Press the [ ] button to communicate with the security guard station. The status indicator will light up. After communication, the emergency alarm will begin to sound again.



5 Release the lock position of the emergency alarm switch to return to the standby position (restore the system to normal status).



- NOTES:
- On the residential/tenant station, the emergency alarm and call tone will be emitted at level 10 (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 stations.)
  - Residential/tenant stations within the same residence will be unable to receive normal calls while the emergency alarm is sounding. It is only possible to respond to calls from the security guard station.
  - During the emergency alarm, the entrance station cannot make calls to the residential/tenant station or to the security guard station that is receiving emergency alarms.

# FOR PROPER USE OF THE STATION

## 1 TECHNICAL PRECAUTIONS

- Operating temperature: 0°C to +40°C (+32°F to +104°F)
- The video image may distort when the door release is activated. This is not a station malfunction.
- If a zoom/wide or pan/tilt <sup>(\*1)</sup> operation is performed during communication with the entrance station, noise will be produced at the entrance station. This is not a malfunction.
- Cleaning: Clean the stations with a soft cloth dampened with a neutral household cleanser. Do not use any abrasive cleaner or cloth.
- If there is a system malfunction, contact a qualified technician for service.

(\*1): Available on GT-1C7-L and GT-1C7 only.

## 2 SPECIFICATIONS

Power supply		DC 24V (supplied from GT-BC, GT-VBC)
Communication		Push-to-talk
		Hands-free (Auto-voice actuation)
Ambient temperature		0 - 40°C (+32°F - +104°F)
Screen	GT-1C7-L/ GT-1C7	7 inch TFT color LCD monitor
	GT-1M3-L/ GT-1M3	3.5 inch TFT color LCD monitor
Mounting		Wall-mount
Material		Plastic
Color		White

Dimensions	GT-1C7-L/ GT-1C7	165 (H) × 200 (W) × 25 (D) (mm) 6-1/2 (H) × 7-7/8 (W) × 1 (D) (inches)
	GT-1M3-L/ GT-1M3	180 (H) × 125 (W) × 25 (D) (mm) 7-1/16 (H) × 4-15/16 (W) × 1 (D) (inches)
Weight	GT-1C7-L/ GT-1C7	Approx. 610g (1.34 lbs.)
	GT-1M3-L/ GT-1M3	Approx. 320g (0.71 lbs.)


## 3 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.

## 4 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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