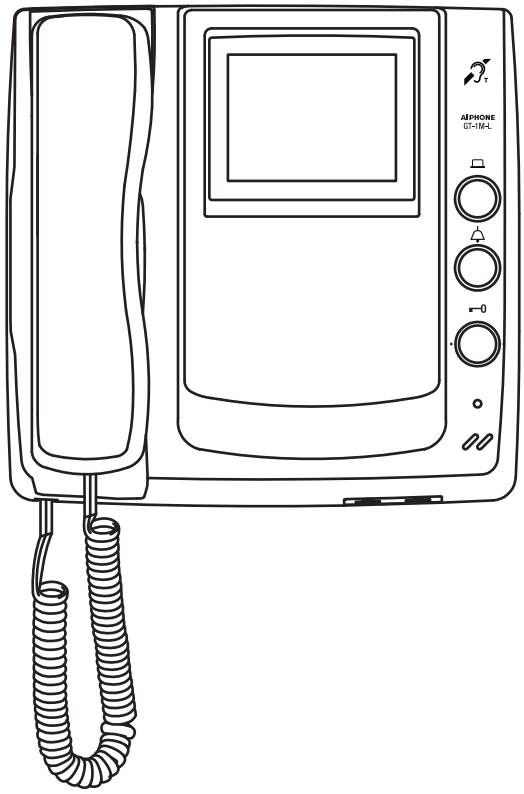
0311 Ⓐ OI

AIPHONE®

GT-1M-L

Apartment Intercom System

Residential Monitor Station



OPERATION MANUAL

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.)

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.

⚠CAUTION

(Negligence could result in injury to people 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 that varies in temperature.
   * Places subject to dust, oil, chemicals, etc.
   * Places subject to moisture and humidity extremes, such as bathrooms, cellars, greenhouses, etc.
   * Places where the 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).
   * Where noise generating devices such as dimmer switches or inverter electrical appliances are close by.
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 for at least 15 minutes and seek medical attention.
5. When performing call tests or checking the chime volume or call volume, make sure the handset is placed on the main unit. Failure to do so may result in injury to the ears.
6. Do not place (install) the unit in locations subject to frequent vibration or impact. Injury or damage could result if the unit falls.

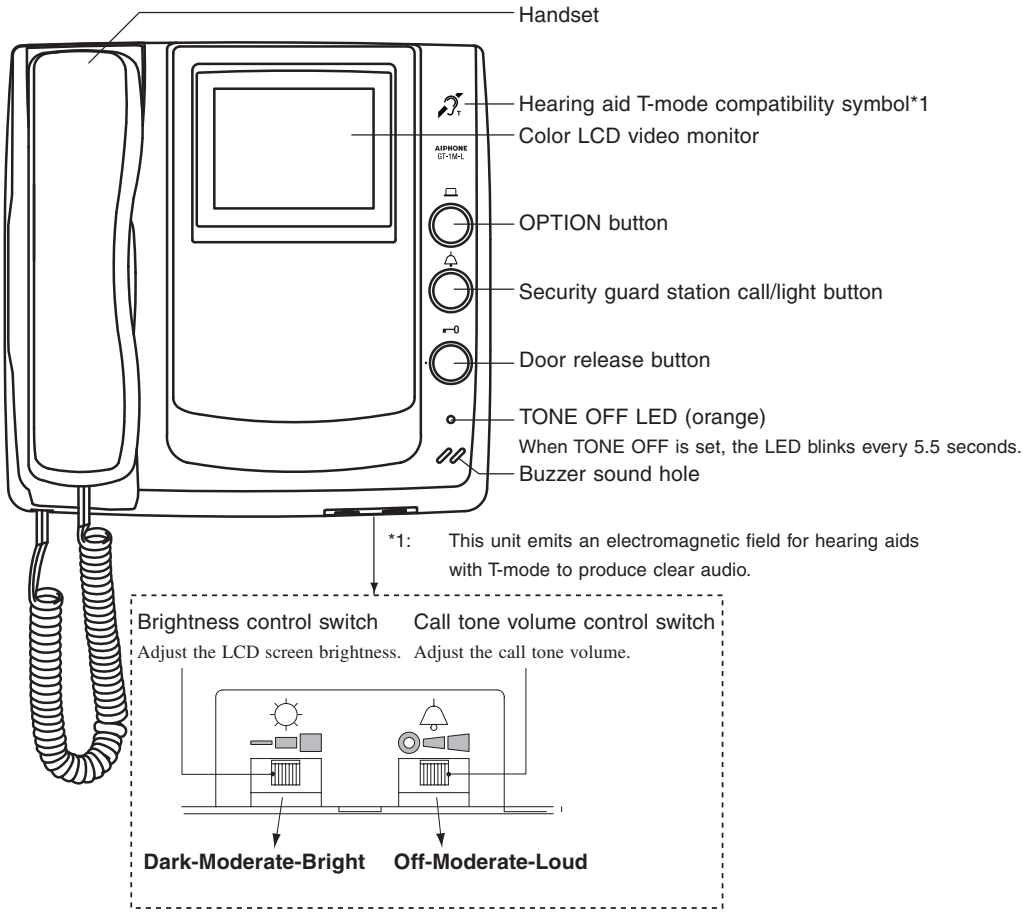
General Precautions

1. Keep the unit more than 1 m away from radio or TV set.
2. This unit is 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 venders present.
5. If the unit is down or does not operate properly, turn off the unit's power supply.
6. The unit is for wall-mount use only. For desktop applications, use desk stand.
7. When wall-mounted, the top of the unit may darken. This does not indicate a malfunction.
8. The unit case may become warm with use, but this is not a unit malfunction.
9. If a cellular phone is used close by, the unit may malfunction.
10. The LCD panel is manufactured with very high precision techniques. Please be aware of this in advance.
11. Refrain from using the unit in sunlit areas.
12. At night, due to reduced lighting on the object, the monitor sees more noise and the face becomes more difficult to see, but this is not malfunction.
13. At a gate or porch illuminated by a fluorescent lamp, the picture may vary, but this is not a malfunction.
14. When protection film is affixed to a unit, be sure to remove this before use.
15. The outline of video images displayed by video door station may differ from that of the actual person(s) or background, but this is not a malfunction.
16. The unit turns inoperative during power failure.
17. 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.
18. 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.
19. 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 caller's face, but this is not a unit malfunction.

Table of Contents

1 NAMES 4
2 OPERATION
Answering a call 5
Calling from the Doorbell Button 5
Door release 5
Light control 6
Doctor call 6
Calling security guard stations 6
Monitoring 7
Night illumination 7
Switching of surveillance camera monitor in common area 7
OPTION button 8
Emergency alarm 8
3 TECHNICAL PRECAUTIONS 9
4 SPECIFICATIONS 9

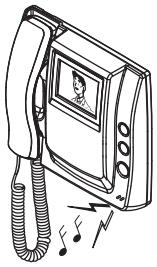
1 NAMES


Handset
Hearing aid T-mode compatibility symbol*1
Color LCD video monitor
AIPHONE
GT-1M-L
OPTION button
Security guard station call/light button
Door release button
TONE OFF LED (orange)
When TONE OFF is set, the LED blinks every 5.5 seconds.
Buzzer sound hole
*1: This unit emits an electromagnetic field for hearing aids with T-mode to produce clear audio.
Brightness control switch
Adjust the LCD screen brightness.
Call tone volume control switch
Adjust the call tone volume.
Dark-Moderate-Bright
Off-Moderate-Loud

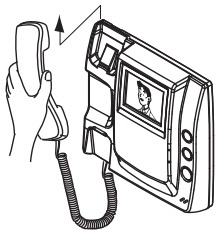
2 OPERATION

2-1 Answering a call

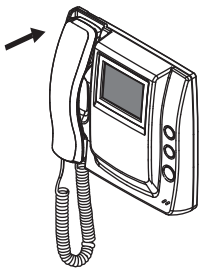
1 When a call is received from an entrance station or security guard station, a call tone sounds. If the station has a camera, a picture will be displayed on the monitor.
- The TONE OFF LED will blink.



2 Lift the handset to respond.
- Calling turns off after a set amount of time if there is no answer.
- Listening is possible with hearing aids with T-mode.
- The TONE OFF LED will light up.

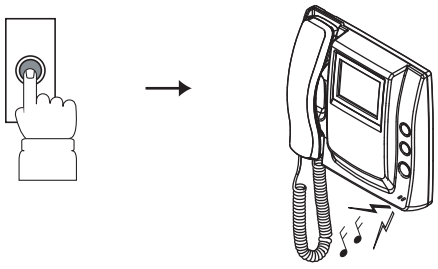


3 When you are done talking, hang up the handset to end the call.
- The TONE OFF LED will go out.
- Communication ends automatically after approximately 3 minutes.



2-2 Calling from the Doorbell Button

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



2-3 Door release

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



2 Door release is activated at the entrance station.
- For units with a camera, the door release will also activate during calling.

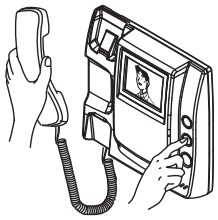
⚠ Depending on the electric door release system that you use, door release may be active only while the door release button is pressed.



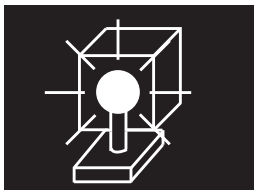
2-4 Light control

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

1 Press the security guard station call/light button once during calling, communication or monitoring to the entrance station.



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



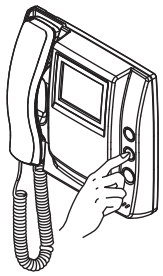
⚠ This function is not available if a surveillance camera is installed in the common area.

2-5 Doctor call

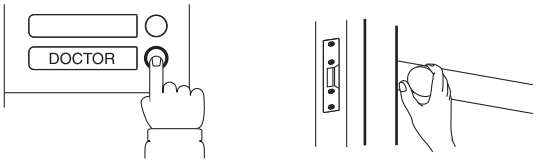
When the specified residence is called using Doctor call (automatic entry), the electric lock is automatically released without a door release operation from the residential station.

1 In the standby mode, press the security guard station call/light button. Press the button once more to cancel the operation.

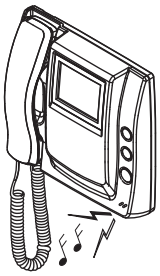
- When Doctor call function is set, the TONE OFF LED blinks every 2.5 seconds.



2 Press the call button of the entrance station to unlock a door without a door release operation from the residential station.



3 The residential station for which the Doctor call function is set is called. Lift the handset to respond if necessary.



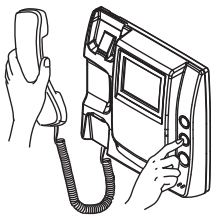
NOTES: When Doctor call is enabled, the TONE OFF LED function cannot be used. (It is possible to turn the call tone off.)
When calls are transferred to the security guard station, door release with Doctor call is not possible.

⚠ This function may not be operated due to the equipment being used.

2-6 Calling security guard stations

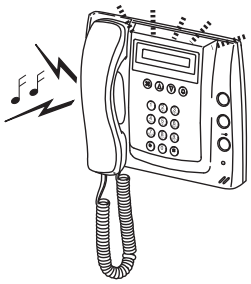
1 When the handset is picked up and the security guard station call/light button is pressed, a call confirmation tone sounds.

- The TONE OFF LED will blink.



2 A tone will sound at the security guard station.

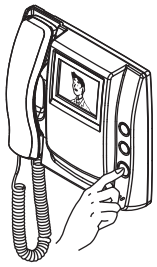
- The in use LED of the entrance station will light up.



2-7 Monitoring

In the standby mode, press the door release button to display the video images in order from entrance 1. Audio cannot be heard.

- The TONE OFF LED will light up.



NOTES: 1. If there is an operation such as a call, monitoring ends and the call operation begins.
2. Pick up the handset during monitoring to talk with the entrance station being monitored.
3. Monitoring will automatically end after 30 seconds.
4. Monitoring will automatically end if monitoring the same entrance is performed at another residential station.

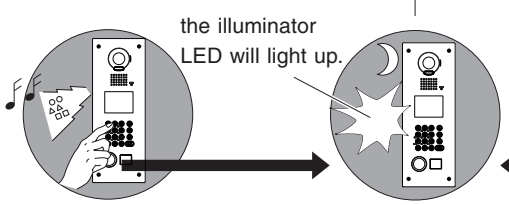
⚠ 1. It will take some time after pressing the door release button for the screen to display, so please wait for the monitor screen to display before performing the next button operation.
⚠ 2. This function may not be operated due to the equipment being used.

2-8 Night illumination

At night, the illuminator LED 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

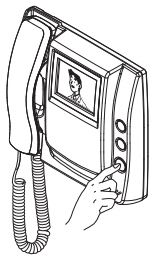
1 If the call button of the entrance station is pressed, the illuminator LED will light up.



2 When communication ends, the illuminator LED will go out.

When monitoring is performed

1 Pressing the door release button will make the illuminator LED light up.



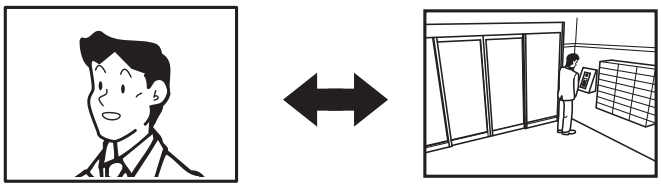
2 When monitoring ends, the illuminator LED will go out.

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

2-9 Switching of surveillance camera monitor in common area

When a surveillance camera is mounted in the common area

Press the security guard station call/light button during calling from the entrance, communication with the entrance, or entrance monitoring to switch to the video image of the surveillance camera. Press the button again to return to the entrance video image.



⚠ 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.

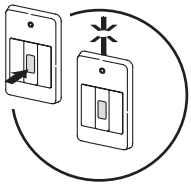
2-10 OPTION button

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

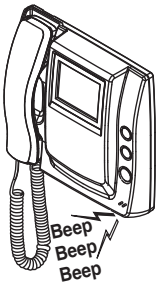


2-11 Emergency alarm

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

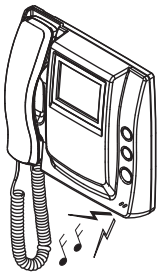


2 An alarm will sound from the residential station, and a warning signal will be sent to the security guard station.



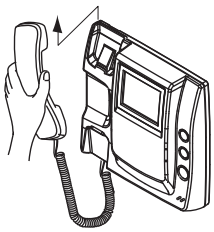
3 When there is a call from the security guard station, the warning sound will change to a call tone that will sound for the set amount of time.

- The TONE OFF LED will blink.

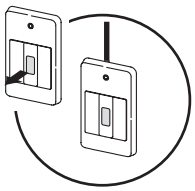


4 Lift the handset to communicate with the security guard station. The emergency alarm will sound again when the handset is hung up.

- The TONE OFF LED will light up.
  It will go out if the handset is hung up.



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



NOTES:
1. On the residential station, the emergency alarm and call tone will be emitted at a loud volume, regardless of the volume setting.
2. 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.)
3. Residential 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.
4. During an emergency alarm, the entrance station and the security guard station cannot make calls to the residential station that sets off the alarm.

3 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. But this is not a unit malfunction.
- Cleaning: Clean the units with a soft cloth dampened with a neutral household cleanser. Do not use any abrasive cleaner or cloth.
- If there is a system malfunction, unplug the power supply and contact a qualified technician for service.

4 SPECIFICATIONS

- Power supply: DC 24 V (supplied from GT-BC, GT-VBC)
- Communication: Simultaneous communication
- Video monitor: 3-1/2" TFT color LCD
- Dimensions: 210 (H) × 215 (W) × 69 (D) (mm)
  8-1/4 (H) × 8-1/2 (W) × 2-3/4 (D) (inches)
- Weight: Approx. 820 g (1.81 lbs.)

Warranty

Aiphone warrants that its products have no material or workmanship defects under normal use conditions for two years after delivery to the end user. Aiphone will perform repair or replacement free of charge if the product is defective and the warranty applies to the defect. 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 under 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. Any repairs must be made at the shop or place designated in writing by Aiphone. Aiphone will not be responsible for any costs incurred during 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.

---

indicates applicability to the EU.

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.

AIPHONE®

Providing Peace of Mind

http://www.aiphone.net/

AIPHONE CO., LTD., NAGOYA, JAPAN
AIPHONE CORPORATION, BELLEVUE, WA, USA
AIPHONE S.A.S., LISSES-EVRY, FRANCE