




# TWO-WIRE BUS APARTMENT SYSTEM

## GF SYSTEM

### OPERATION MANUAL

### PRECAUTIONS ON GF SYSTEM

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

1. This device is electrical. Wiring must be performed by qualified personnel. 
2. Do not modify or alter the equipment.
3. The equipment must not be exposed to water or any other liquid.  

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

1. Do not transfer or change wall-mounting of GF-1D. If dropped or touched, it can cause injury.

### GENERAL PRECAUTIONS

 **General Prohibitions**

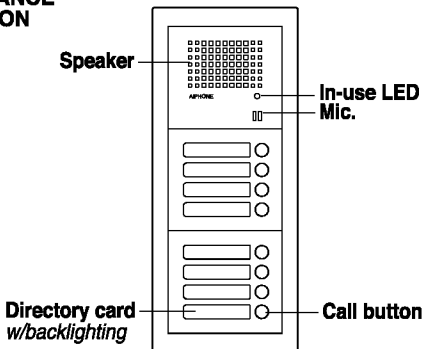
 **Prohibitions to subject the unit to water**

 **Prohibitions to dismantle the unit**

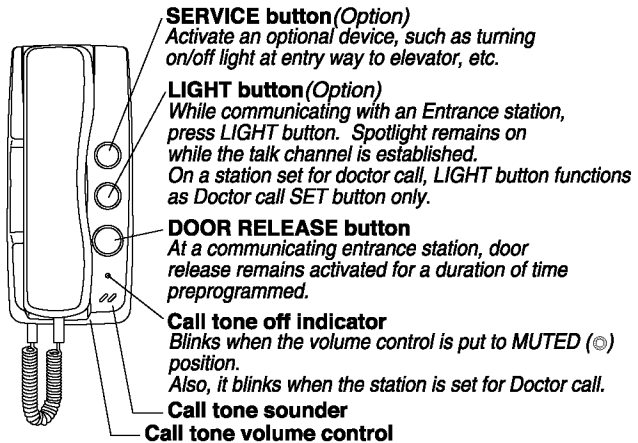
1. GF system is not operable during a power failure.
2. In areas where broadcasting station antennas are close by, intercom system may be affected by radio frequency interference.
3. Keep GF-1D station at least 1m(3'3") away from TV or radio set.

### NAMES AND FUNCTIONS

#### ENTRANCE STATION



#### APARTMENT STATION



Model: GF-1D

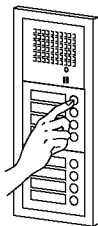
### OPERATIONS

#### ENTRANCE STATION

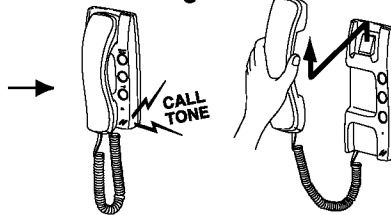
#### APARTMENT STATION

#### Calling from Entrance

Momentarily depress a Call button. Muted call tone is heard from the entrance station to confirm the call is placed.



#### Answering



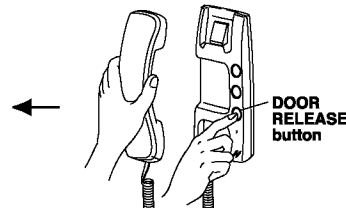
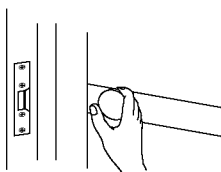
Apartment station rings approx. 10 seconds. Lift handset to reply at either apartment station. Communicate with a caller. It times out in approx. 2 -1/2 minutes.

#### Notes

1. Call-in from entrance station is approx. 45 sec. timed.
2. Call tone rings also at a supplementary station, if included.
3. Upon answering from a station, the other station turns off.
4. If handset is off the hook, the apartment station will still ring audibly. Momentarily hang up to reply.
5. Pressing again the same call button is void for 10 seconds.
6. There is no communication time-out back-up.

#### Door release

Door release is activated for a duration of time preprogrammed.



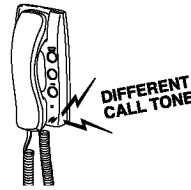
While communicating, momentarily depress DOOR RELEASE button.

#### Note

1. Duration time is preprogrammed for 0.5 to max. 20 seconds or momentary operation while the button is held down.

**Calling from Doorbell button (at an individual apartment door)**

Press and hold down Doorbell button. Call tone is produced as long as the button is held down.

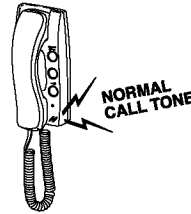
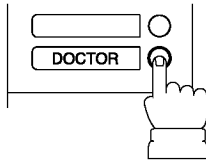


DIFFERENT CALL TONE

Different call tone sounds. (Communication is not available.)

**Doctor call (when programmed)**

A visiting patient presses a Call button assigned for doctor. Door release is activated instantly.



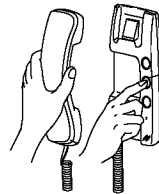
NORMAL CALL TONE

Doctor's apartment station rings normally. If necessary, pick up handset to reply (or also at the second station).

**SET FOR 'DOCTOR CALL' (Ask qualified personnel.)**

Cut off a jumper wire on PC card in the apartment station, using a nipper, to put doctor call into effect.  
 1. Press a LIGHT button on the apartment station (doctor), to set for doctor call function.  
 2. Call tone off indicator starts to blink 0.5 seconds at an interval of 2.5 seconds.

**Turn on Entrance Light**



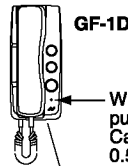
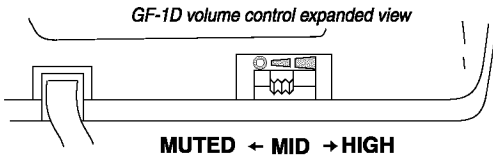
LIGHT button

While communicating, momentarily press LIGHT button. External light turns on at the entrance. At the station with Doctor call set, turn on/off the light is not available.

**Note**

1. Upon pressing LIGHT button, make-contact signal is put out one sec. from speech module. The illuminating duration is controlled by an external timer.

**Adjust Call tone volume (or off)**



Call tone volume control

When the volume control is put to MUTED (⊙) position; Call tone off indicator blinks 0.5 sec. at interval of 4.5 sec.

**TECHNICAL PRECAUTIONS**

**Ambient temperature:** GF-1D: 0°C ~ +40°C (+32°F ~ +104°F).

**Asking for repairs:** Do not attempt to change mounting location or remove the unit. When your GF-1D station does not operate properly, ask qualified personnel to correct it.

**Operations:**

- At the end of communication, hang up handset on cradle. If a handset is off the hook, a call will ring at the station(s). For approx. 45 seconds after called, the inside audio is heard at the entrance. Momentarily hang up handset, and resume communication.
- While an apartment station rings by call-in from an entrance station, call from Doorbell button will not be heard.

**Cleaning:** Clean GF equipment with a soft cloth dampened with neutral household cleanser. Never use any abrasive cleaner or cloth.

**SPECIFICATIONS (GF-1D)**

Power source:	DC 24V, supplied from Bus line from GF-BC.
Station capacity:	One or two apartment stations (no communication).
Dimensions:	200H x 89W x 63D (mm). 7-7/8" H x 3-1/2" W x 2-1/2" D
Weight:	370g (0.81lbs.) approx.

**WARRANTY**

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of one year after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty.

This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit.

This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone.