

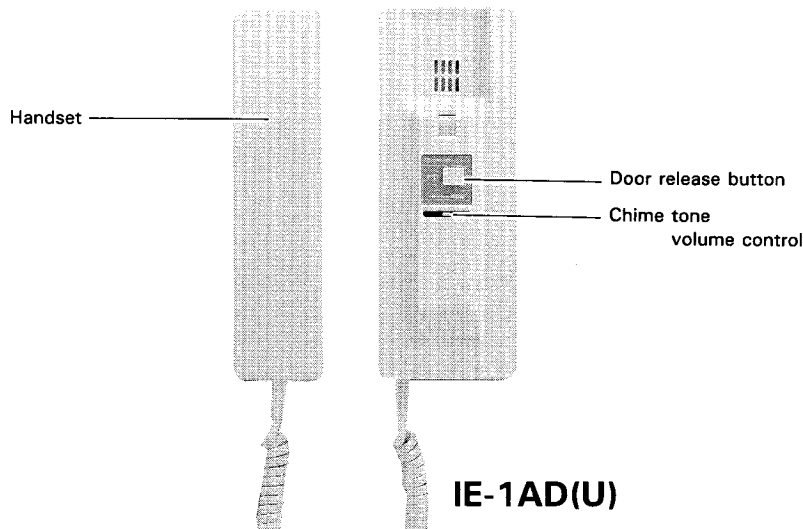
CHIME TONE INTERCOM

Type; 1 door — 1 room


Model; **IE-1AD(U)** (Room master station)

INSTRUCTIONS

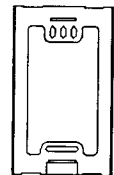
1 NAMES AND FUNCTIONS




Mounting accessories;



Screw (× 2)
(for mounting to
electrical box)



Wall-mounting
bracket



Wood screw (× 2)
(for mounting to
wall surface)

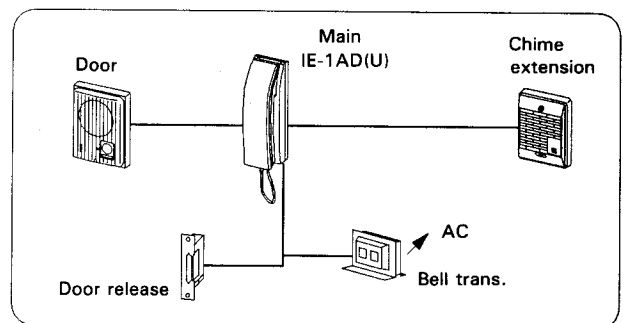
2 FEATURES

IE-1AD(U) is a Chime Tone Intercom room master station for system with one each room station and door station (IE series).

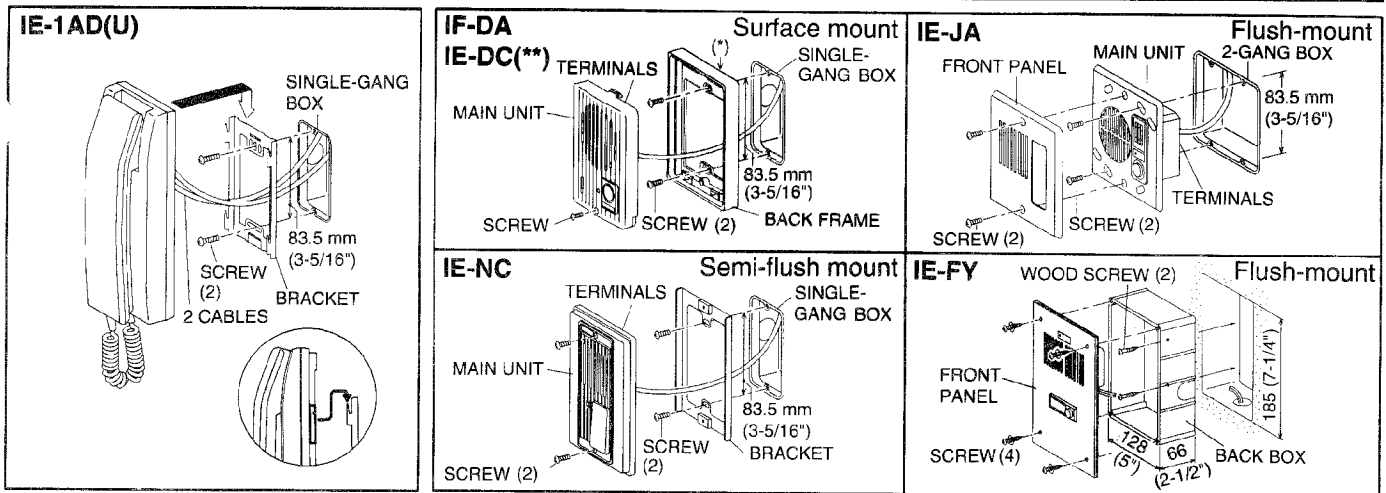
For power supply, a bell transformer can be used for both communication and door release (Example; when EL-9S is used, select a bell transformer of AC12 ~ 16V, 450mA or more).

A power supply (DC12 ~ 24V, 160mA or more) may also be used only for communication.

- * Thin and compact body design, matching interior decor.
- * 4-stroke chime for doorstation call-in.
- * Simply pick up handset to reply to the caller.
- * Door release button on room station.
- * Adjustable chime call volume.
- * Optional call extension speaker.



(2) Wall-mounting installation;

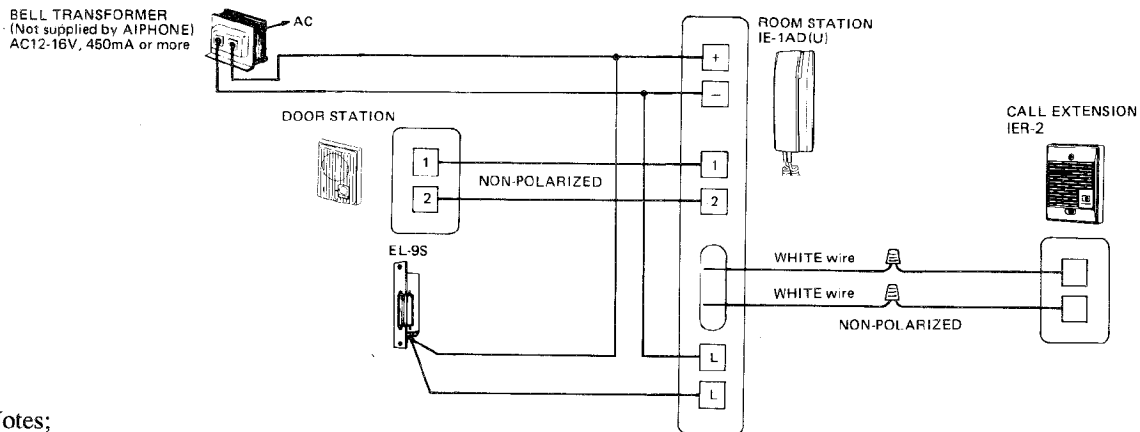


***Master stations;** Attach the mounting bracket to wall or single-gang box with the supplied wood screws or screws. Insert the prongs of the bracket into the holes of the body and pull the body downward. Be careful not to attach the bracket upside down.

* **Door station;** (*) When mounting to wall directly, remove the outlet part (*) on top or bottom of back frame to pass cable.

(**) Illustrates IF-DA's, and IE-DC mounts in the same manner.

6 WIRING DIAGRAM



Notes;

- (1) Bell transformer for both communication and door release; AC 12-16V, 450mA or more (when EL-9S is used). AC 12-16V, 700mA or more (when door release of other manufacture is used).
- (2) Door release; Use a door release EL-9S (AC 12V, 350mA) or other manufacture's which does not exceed AC 12-16V 500mA, when powered by a system's bell transformer.
- (3) Locate a system's power supply within a 10m/33' distance from main room station, using 0.65 mm dia./22AWG wires.

7 SPECIFICATIONS

Power source: IE-1AD(U); Powered by a bell transformer AC 12-16V, 180mA OR a power supply DC 12-24V, 160mA.

Current consumption: Max. 180mA (AC 12-16V). Max. 160mA (DC 12-24V).

Calling: 4-stroke electronic chime (w/slide volume switch).

Wiring: 2 wires (to door station) (non-polarized)

2 wires (to door release) (must be separated from communication's cable).

Door release button contact capacity: DC/AC 24V, 0.5A.

Wiring distance: *Between IE-1AD(U) & door station;

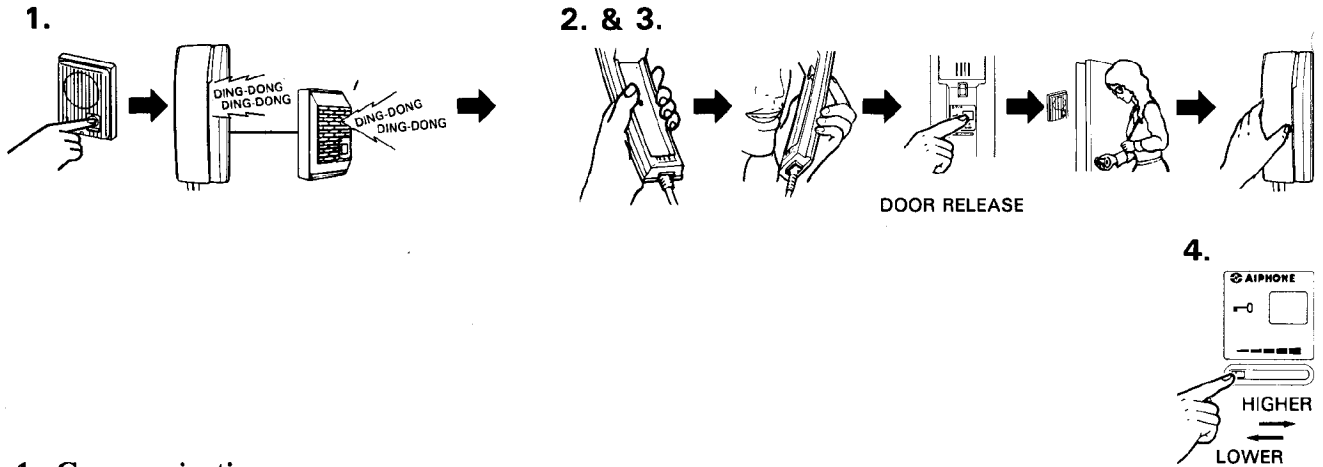
AWG	24AWG	22AWG	20AWG	18AWG
Distance	300'	500'	750'	1,180'
Diameter	0.5 mm	0.65 mm	0.8 mm	1.0 mm
Distance	90 m	150 m	230 m	360 m

Dimensions: (H x W x D) 210 x 80 x 58 (mm); 8-1/4" x 3-1/8" x 2-5/16"

Weight: Approx. 450 g (1 lb.).

8

OPERATIONS



1. Communication;

At door station;

Momentarily depress CALL button. After room station replies, talk handsfree.

At room station;

Incoming call is announced by 4-stroke chime at IE-1AD(U) and IER-2, if installed. To reply, simply pick up handset at IE-1AD(U). After communication, hang up handset onto its cradle properly.

2. To operate door release;

While holding handset, depress and hold DOOR RELEASE button on IE-1AD(U). The visitor may open the door while buzzing sound is heard.

3. Monitoring door station;

Pick up handset and you can monitor the door station.

4. To adjust chime volume;

Adjust chime volume as desired by the slide switch on IE-1AD(U), according to the room conditions.

The chime volume at IER-2 can be changed separately by the switch provided.

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 product.

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.

Aiphone Co., Ltd., Nagoya, Japan
Aiphone Corporation, Bellevue, WA, USA

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COMMUNICATION SYSTEMS
AIPHONE
HOME, BUSINESS, INDUSTRY.

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