Gigabit Ethernet Adapter (GBA-L) Installation
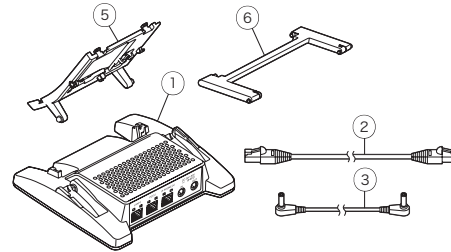
NEC

INT-2060 (INST)

• Summary

The GBA-L UNIT (Gigabit Ethernet Adapter) is a switching HUB that connects to the NEC IP terminals, and provides the function of the Gigabit Ethernet for the LAN interface.

• Parts List

1. Main Body   1
2. Lan Cable for Terminal
   Connection (about 40cm)   1
3. DC cable (about 30cm)   1
4. Connection Manual (this sheet)   1
5. Support Panel   1
6. Leg Stand   1

• Preparation

• General Information

CAT5e or higher LAN Cable (CAT 6 recommended)
(Length of LAN cable from the LAN to the GBA-L UNIT is dependant on the customer needs.)
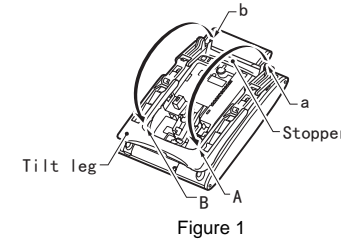
• AC Adapter

When the HUB for IEEE802.3af Power over Ethernet (PoE) is not used, the AC adapter (AC-L UNIT) is needed. (Sold Separately.)
When options (8LK,16LK) are added to the terminal, the optional adapter can receive power from the PoE.
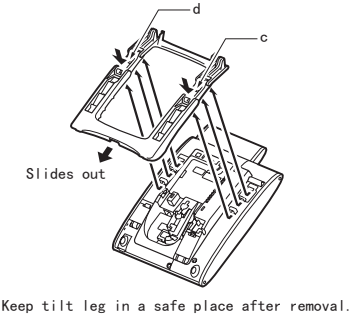
• Specifications

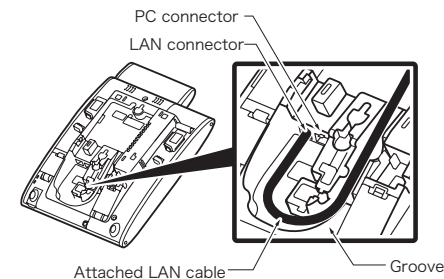| Item		Contents
Interface	LAN	1000Base-T (IEEE802.3ab) / 100Base-TX (IEEE802.3u) / 10Base-T (IEEE802.3i) Auto Negotiation RJ45 connection
	PC	1000Base-T (IEEE802.3ab) / 100Base-TX (IEEE802.3u) / 10Base-T (IEEE802.3i) Auto Negotiation RJ45 connection
	IP Terminal	100Base-TX (IEEE802.3u) / 10Base-T (IEEE802.3i) Auto Negotiation RJ45 connection
Power Supply		PoE IEEE802.3af or DC 27V (AC-L UNIT)

• Installation Procedure

1 Turn the terminal over.

2 Move tilt legs toward to the first position. (Figure 1)

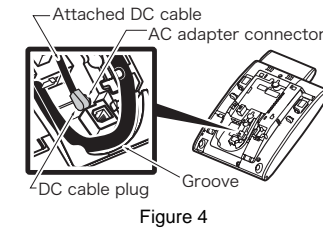**3** Push stoppers a and b through grooves A and B, then expand the legs. (Figure 1)

Figure 1

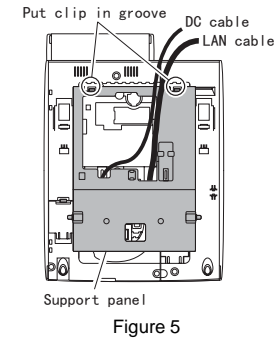**4** Remove the legs by pressing the tabs and sliding the legs down. (Figure 2)

Keep tilt leg in a safe place after removal.

Figure 2

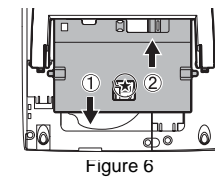**5** After connecting the LAN cable, place it into the groove. (Figure 3)

Figure 3

6 Attach the DC cable as shown in Figure 4.
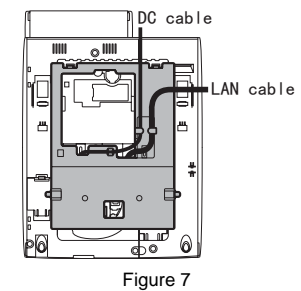
Figure 4

7 When connecting the support panel, feed the cables through the square hole.

Figure 5

8 Install the support panel by sliding it in the direction of the arrows. (Figure 6)

Figure 6

9 Place the cables into the guide groove.

Figure 7

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10 Line up the markings on the crossbar and the support panel and assemble. Connect the assembled piece onto the Gigabit Adapter.

Line up marks

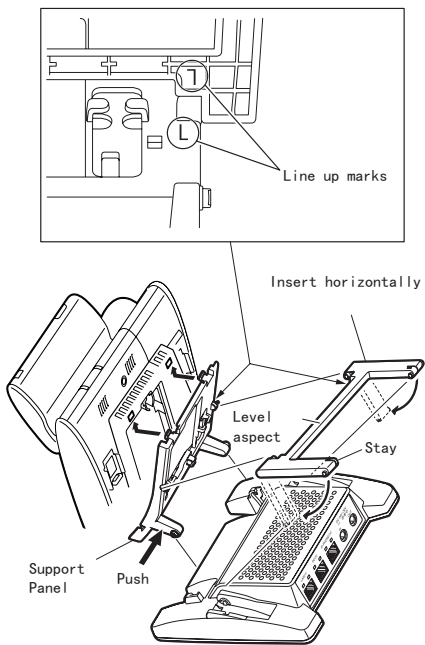Insert horizontally

Level aspect

Stay

Support Panel

Push

Figure 8

11 Connect the IP cable from the terminal into the jack named "IP PHONE (X)". (Figure 9)
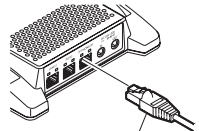
IP cable from terminal

Figure 9

Note: Do not connect anything other than the IP Terminal into the IP PHONE connector. If other equipment is connected, it may cause equipment damage.

12 If connecting to a PC, insert the cable from the PC into the jack labeled "PC(X)".
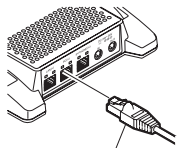
Cable from PC

Figure 10

Note: Do not connect anything other than a PC into the PC(X) connector. If other equipment is connected, it may cause equipment damage.

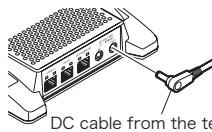**13** Connect the DC cable into the jack labeled "DC OUT" on the GBA-L UNIT. (Figure 11)

DC cable from the terminal

Figure 11

14 Insert the LAN cable into the jack labeled "LAN(=)". If PoE is connected, it starts here.
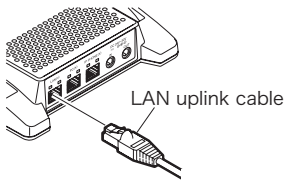
LAN uplink cable

Figure 12

15 Plug the AC adapter into the jack labeled "DC IN" on the GBA-L UNIT. Verify all connections. (Figure 13)

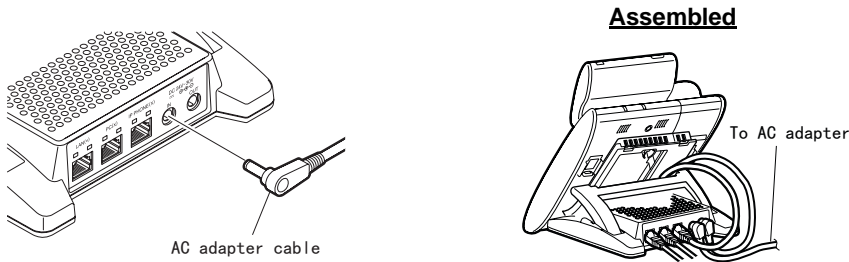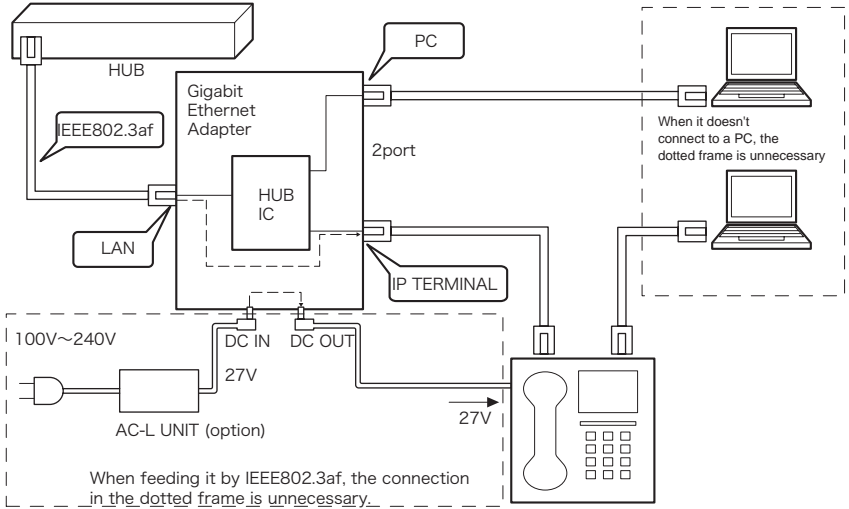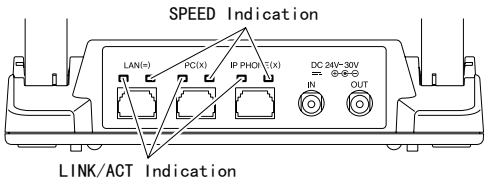Note: Please plug the AC adapter into DC IN.

Assembled

To AC adapter

AC adapter cable

Figure 13

- Connection Outline

HUB

IEEE802.3af

LAN

Gigabit Ethernet Adapter

HUB IC

PC

2port

IP TERMINAL

When it doesn't connect to a PC, the dotted frame is unnecessary

100V~240V

DC IN   DC OUT

27V

AC-L UNIT (option)

27V

When feeding it by IEEE802.3af, the connection in the dotted frame is unnecessary.

- LED Indicators

SPEED Indication

LAN(=)   PC(X)   IP PHONE(X)   DC 24V~30V
                                    IN   OUT

LINK/ACT Indication

- Speed Display

LED Name	1000Mbps Connected	100Mbps Connect	10Mbps Connect
SPEED Indication	Green Light	Red Light	Off

LINK/ACT Display

LED Name	LINK Time	ACT At time of communication
LINK/ACT Indication	Green Light	Blinking Green

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