atl telecom

IP400 Videophone

Specifications

System - optional
- ITU-T Recommendation: H.323 v3
- IETF Recommendation: SIP (RFC 3261)

Network
- LAN: 10/100 Base-T (RJ45 jack)
- ADSL, Cable Interface
- PSTN: RJ11 - BT Cable

Video
- ITU-T Recommendation: H.263
- CIF Resolution: 352 x 288 pixels
- QCIF Resolution: 176 x 144 pixels
- Max. frames per second: 30 fps(QCIF),
  15-20 fps(CIF)

Audio
- ITU-T Recommendation: G.723.1, G.711 (A-law, μ-law)
- Frequency response: 200 Hz ~ 3.3 KHz

Internet Protocol
- TCP/IP, UDP, ICMP, DHCP, NTP, HTTP

Supplementary Services - optional
- ITU-T Recommendation H.450: Call Transfer,
  Call Diversion etc.

Voice Encryption - optional
- ITU-T Recommendation H.235:
  Security standard for Authentication, Encryption

Remote Upgrade and Configuration
- Remote Upgrade: Downloading the latest
  S/W version from server using TFTP
- Remote Configuration: Setting system
  Configuration using Web Browser - optional

Camera
- 1/4 inch Analog CMOS Colour
- Diagonal field of view (max): 55°

Display
- Active Matrix TFT-LCD, 3.5 inch
- Resolution: 960 x 234 pixels

Electrical
- Operating Voltage: +5Vdc
- Power Consumption (Max): 15W
- Power Supply (AC Adapter): 100 ~ 240 Vac

Dimensions
- 202mm x 156mm x 108mm (W x D x H)
- Weight 860 g

Caller ID (CID) - optional

User Manual

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Safety Instructions

Please read the following instructions carefully to ensure correct use and to prevent unexpected accident and damage caused by incorrect use.

Do not disassemble or modify the IP videophone or power adapter.
The warranty will not cover any defect that occurs due to such mishandling.

Install the unit on a stable and flat surface to ensure safe operation.

Do not install the unit in such a location where the unit can be affected by dust or gas.

Do not install the unit in a place subject to direct sunlight, or near heat sources such as radiators.

Do not install the unit in a humid location to avoid damage, overheating and electric shock.

Do not touch the power adapter when there is thunder and lightning to avoid electric shock.

Keep the unit safe from sudden shock to prevent damage. And do not apply excessive force especially to the LCD screen and the camera.

Clean the camera and the LCD screen with soft and clean clothes. Do not use coarse material to avoid damage.

Make sure to turn off the power switch before disconnecting the mains lead.
Disconnecting the mains with the power switch on will cause damage to the unit.

Do not apply sudden changes of temperature. Installing in a place with severe temperature changes may cause damage to the unit.

Make sure to only use the power adapter supplied with the IP videophone.

Disconnect the power cable when the unit is not in use for an extended period of time.

1. Installing IP Videophone

Components

The following parts are included in the product package. Be sure that you received all the parts.

Main body of IP Videophone
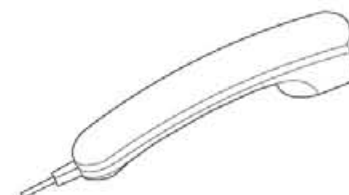
Handset
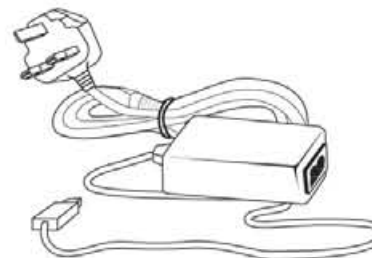
SMPS
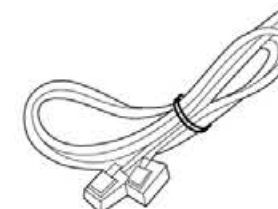
Network cable
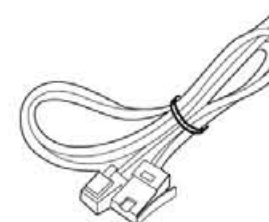
Telephone cable

User manual

Name of parts and functions

[Front view]
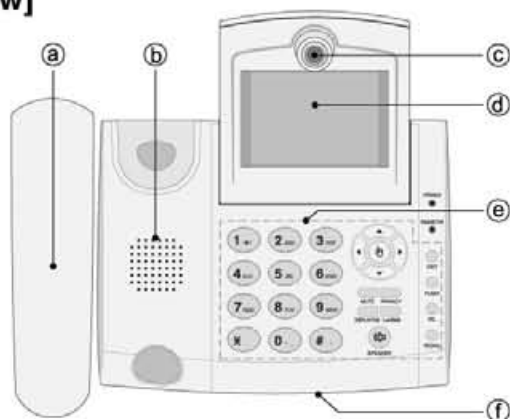
ⓐ **Handset** : Handset of IP Videophone
ⓑ **Speaker** : rings bell or sounds off the voice of the other party in the speakerphone mode.
ⓒ **Camera** : captures your image to send to the other party.
ⓓ **LCD screen** : displays images of yours and the other party during the call.
ⓔ **Keypad** : the buttons operate the functions of the IP Videophone.
ⓕ **Microphone** : receives voice in the speakerphone mode.

[Keypad]
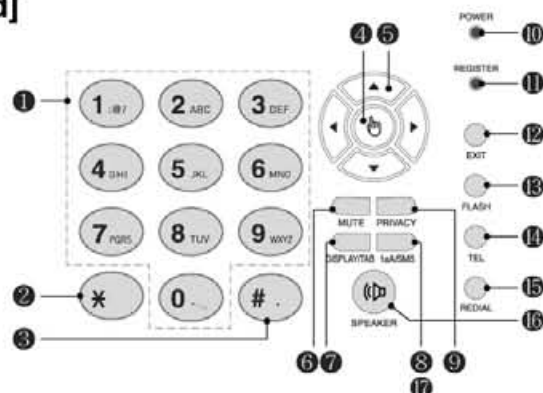
❶ Numeric keys	Enters phone number in the dialing mode or the letters in the User Configuration menu.	27p
❷ ✳	Enters ' ✳ '.	27p
❸ #	Enters ' # ' or ' - '. Rejects the incoming call.	27p 17p
❹ ENT	Makes a call to the dialed number. Moves to the User Configuration menu. Saves the setting in User Configuration menu.	15p 29p 38p
❺ Arrow key	Moves between the User Configuration menus. Moves between the items in the edit mode of PhoneBook or CallLog in User Configuration menu.	27p
❻ MUTE	Cuts off the voice transmission and sends the melody.	20p
❼ DISPLAY TAB	Changes the display mode during a call. Shifts between the URL links and the URL input windows displayed on the browser.	20p 53p
❽ 1Aa	Selects the type of letters in the input mode. (Numeric/Lowercase/Capital)	27p
❾ PRIVACY	Stops transmitting the video data during a call.	21p
❿ POWER	Indicates if the IP Videophone is switched on.	
⓫ REGISTER	Green LED is on when the IP Videophone registered to the Internet phone service. Green LED blinks fast in auto answer mode.	
⓬ EXIT	Moves to the previous menu from the User Configuration menu or the Setup menu during a call.	
⓭ FLASH	Forwards the call to others during the Internet mode.	18p
⓮ TEL	Changes the call mode to public phone mode.	25p
⓯ REDIAL	Makes a call to the last dialed number.	15p
⓰ SPEAKER	Activates or deactivates the speakerphone mode.	24p
⓱ SMS	Sends a short message during a call.	24p

[Rear view]
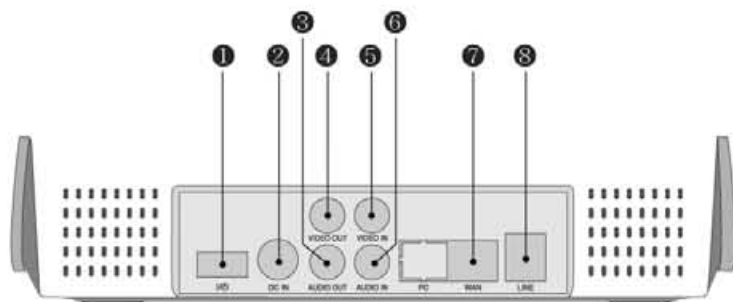
❶ ON/OFF(I/⏻) : Turns on/off the power

❷ POWER(DC IN) : Connects the power adapter

❸ AUDIO OUT : Sends out audio data

❹ VIDEO OUT : Sends out video data

❺ VIDEO IN : Receives external video data

❻ AUDIO IN : Receives external audio data

❼ WAN : Connects to Internet

❽ LINE : Connects to the telephone line

> NOTE A/V cable for audio/video input/output is not included in the package.
>
> NOTE When connecting TV to VIDEO OUT, the LCD screen of IP Videophone may not be fully displayed depending on the model of TV.

Installing IP Videophone

Please check the components before installing the IP Videophone. For the best result, please follow the installation procedures.
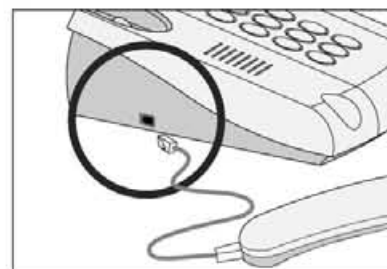
❶ Plug in the handset line to the body.
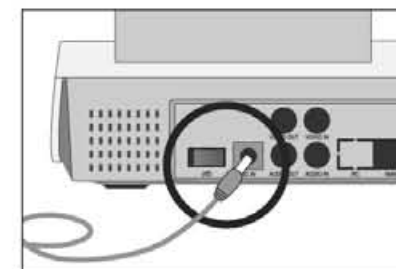
❷ Connect the power cable to the body of IP Videophone.
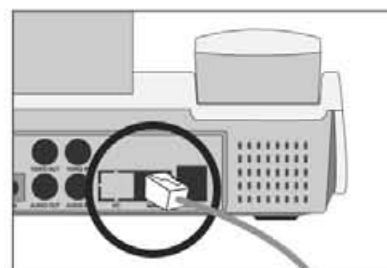
❸ Connect the Internet line to WAN.
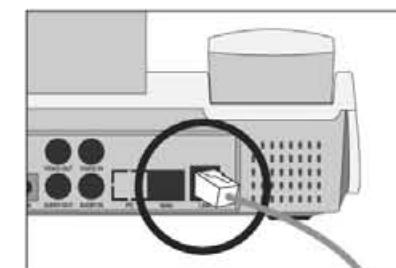
❹ Connect the phone line.
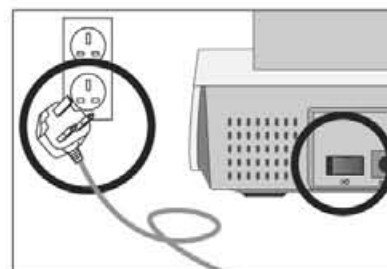
❺ Turn on the power switch.

Wizard Menu

▶ **Internet Connection setting**

○ LAN(Static IP)

⊙ LAN(Dynamic IP)

○ ADSL(PPP/PPPoE)

Next   Finish

❻ The network configuration wizard is displayed.

Network Configuration - Using Wizard

You must set up IP to use video call through the IP Videophone. The unit provides the wizard menu so that you can easily set up Internet. It is executed when you first turn on the IP Videophone or when the system is rebooted with Setup Wizard of Configuration being set to 'Yes'.
You can set up the following items through the wizard.

IP Setup	Dynamic IP, ADSL IP, Static IP, Secondary DNS Address, NTP Server Address
Internet Phone	Internet phone setup (Server address, Authentication information, User information)
NAT Setup	Own NAT

❶ Internet connection setting

In the Wizard Menu main window, click [Next].

Internet connection setting ⇨ 🔽 ⇨

Select setting mode and press 🖱 . ⇨

Press 🔽 until [Next] is activated. ⇨ 🖱

NOTE Contact the service provider for type of Internet connection mode.

NOTE Select an item and press 🖱 .

Wizard Menu
▶ Internet Connection setting

○ LAN(Static IP)
◉ LAN(Dynamic IP)
○ ADSL(PPP/PPPoE)

[Next] [Finish]

Proceed to the next step   Finish wizard

a. Static IP setting

🔽 ⇨ Enter IP in (IP Addr) ⇨ 🔽 ⇨ Fill in (Sub. Mask) ⇨ 🔽

⇨ Fill in (Gateway) ⇨ 🔽 ⇨ Fill in (DNS Addr) ⇨ 🔽 ⇨ ◉ ⇨

[Next] ⇨ 🖱

NOTE Click Prev to go back to **Internet connection setting**, or click Next to move to **Secondary DNS setting**.

NOTE Contact the internet service provider for IP setting information.

NOTE Refer to <How to Enter Character (27p)> for character entering method.

Wizard Menu
▶ LAN(Stastic IP) setting

IP Addr   218.38.2.73
Sub. Mask 255.255.255.0
Gateway   218.38.2.254
DNS Addr 218.38.2.1

[Prev] [Next] [Finish]

Refer to 45p if you wish to change the default setting.

Press ☺ if you wish to between the menu items

b. Dynamic IP setting

If you select 'Dynamic IP (DHCP)', IP setting is made automatically, and **Secondary DNS setting** window is displayed.

c. ADSL setting

Select '1, a or A' on the upper right of the window with **1aA** ⇨ 🔽 ⇨

Enter ID in (ID) ⇨ 🔽 ⇨ Enter password in (Password)

⇨ 🔽 ⇨ [Next] ⇨ 🖱

NOTE In order to connect the IP Videophone to ADSL, you should use the external ADSL modem. Connect the Internet line from the ADSL modem to the IP Videophone as illustrated in the following figure.

Wizard Menu
▶ ADSL setting

ID   guest
Password •••••
PPPoE

[Prev] [Next] [Finish]

Refer to 45p if you wish to change the default setting.

Press ☺ if you wish to between the menu items

ADSL line — Splitter — RJ-11 — ADSL modem — RJ-45(UTP cable) — IP Videophone
RJ-11 — Analog phone or FAX
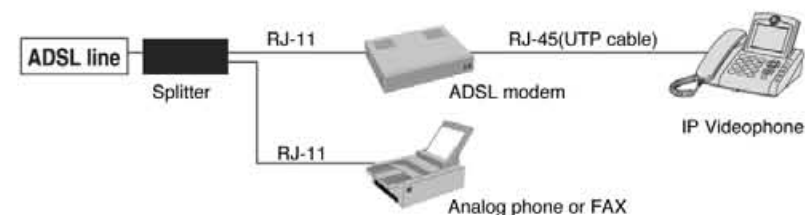
NOTE Click Prev to go back to **Internet connection setting**, or click Next to move to **Secondary DNS setting**.

❷ Secondary DNS setting

This menu enables you to set up the secondary DNS address in preparation for malfunction of the primary DNS set in Internet Configuration setting. Contact the service provider for DNS information.

Wizard Menu

▶ Secondary DNS setting

DNS Addr 211.23.11.1

Refer to Advanced Internet Configuration (46p).

Prev   Next   Finish

❸ Time Server setting

This menu enables you configure the timeserver to acquire time information used in the IP Videophone.

NOTE If you leave the TimeServers 1 and 2 empty, the IP Videophone acquires the current time from the default time server.

Wizard Menu

▶ Time Server setting

Server1 [   ]
Server2 [   ]
G.M.T (GMT-05:00)
D.S.T OFF

Enter server address

Set the G.M.T and summer time option (with ☺)

Refer to Time/Date setting (42p)

Prev   Next   Finish

❹ Internet Phone setting

a. For H.323 protocol

This menu is used when you register the IP Videophone to the Internet phone service.

• Enter Internet phone server address

Wizard Menu

▶ Internet Phone setting

G.K Addr1 211.22.35.56
G.K Addr2 [   ]

Refer to Internet Phone Configuration (46p).

Prev   Next   Finish

• Enter H.323ID/E.164/Password

Wizard Menu

▶ Internet Phone setting

H.323 ID haha
E.164 1234
Password ●●●●●●

Prev   Next   Finish

NOTE Because the IP Videophone conforms to H.323 international video communication standard, you can register the unit to the Internet phone service. In order to connect the phone to the Internet phone service network, you should set the H.323 ID to be used in the server address and authentication process, and the ID in the format of phone number (E.164). Therefore, make sure to check them when you subscribing the phone to the IP phone service network.

NOTE If you have not subscribed to the Internet phone service, leave the blank empty, and click Next.

b. For SIP protocol

This menu is used when you register the IP Videophone to the Internet phone service.

• Enter the user information for communication with the other party.

• If you click **Next** after entering user information, **Proxy** and **Registrar** selection window is displayed.

Wizard Menu

▶ Internet Phone setting

User Name guest
Password ●●●●●
Address cnstec.com
Auth. ID 1234

Refer to Internet Phone Configuration (47p).

Prev   Next   Finish

• After selecting the **Proxy**, click **Next** .

Wizard Menu

▶ Internet Phone setting

⦿ Proxy
○ Registrar

Prev   Next   Finish

• In the server address and port entering window, enter server address and port number, and click **Next** .

Wizard Menu

▶ Internet Phone setting

Address 111.111.111.111
Port 5060

Use ☺ to move between the items.

Use ☺ or ⓑ to select an item.

Prev   Next   Finish

• In the selection window, select the **Registrar**, click **Next** , enter address and port of the server, and then, click **Finish** .

＊ You should enter address and port for both **Proxy** and **Registrar** to register the videophone to the server.

Wizard Menu

▶ Internet Phone setting

○ Proxy
⦿ Registrar

Prev   Next   Finish

NOTE Because the IP Videophone conforms to SIP international video communication standard, you can register the unit to the Internet phone service. In order to connect the phone to the Internet phone service network, you should set the server type, address and user information. Therefore, make sure to check them when you subscribing the phone to the IP phone service network.

NOTE If you have not subscribed to the Internet phone service, leave the blank empty, and click Next.

❺ Internet Sharing setting

Select the Internet sharing method.

Default Value :
'NAT unused(H.323)**'**
'STUN used(SIP)**'**   * In case of SIP

⇨ `Next` ⇨ (✋)

> Wizard Menu
> ▶ Internet Sharing setting
>
> ⊙NAT unused
> ○External NAT used
> ○STUN used
>
> `Prev` `Next` `Finish`

Use (↕) to move between the items.

Use (↔) or (✋) to select an item.

---
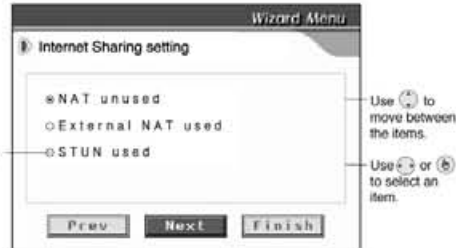
a. External Sharing setting

The menu is used to set up the Global IP address when you have selected **'External NAT used'**.

> Wizard Menu
> ▶ External Sharing setting
>
> `Global IP` `11.22.33.44`
>
> `Prev` `Next` `Finish`

Refer to [Connecting IP Videophone in the Private Network (64p)] for details.

---

b. Configuration of STUN
  (In case of SIP)

You can configure the address of STUN server, when selecting **'STUN used'**

＊The default address is highly recommended.

> Wizard Menu
> ▶ STUN setting
>
> `STUN IP` `larry.gloo.net`
>
> `Prev` `Next` `Finish`

Refer to [Using 'STUN' function embedded in IP videophone (66p)] for details.

---

❻ Finish Wizard setting

The window indicates that the wizard is finished.

> Wizard Menu
> ▶ Finish Wizard setting
>
> Setting is completed.
> Reboot system.
>
> `Reboot`

---

2. IP Videophone-based Calling

Making a Call

❶ Making a call using dialpad

Pick up your handset or press **SPEAKER**.

⇨ Press the IP address or phone number you want to make a call. ⇨ (✋)

> | 1 | 2 | 3 |
> | 4 | 5 | 6 |
> | 7 | 8 | 9 |
> | * | 0 | # |
> 123.45.67.89

NOTE You can also make a call by pressing and holding the last digit of the phone number. For example, if you want to make a call to 123.45.67.89, press '123.45.67.8', and then, press and hold (9)

NOTE Refer to <How to Enter Character (27p)> for character entering method.

> | 1 | 2 | 3 |
> | 4 | 5 | 6 |
> | 7 | 8 | 9 |
> | * | 0 | # |
> 123.45.67.89

❷ Making a call in waiting mode (When LCD is off)

Enter the IP address or the first digit of the phone number ⇨ The Dialpad window is displayed ⇨ Enter the remaining digits of the phone number ⇨ (✋)

❸ Making a call using redial

Pick up your handset or press **SPEAKER**. ⇨ Press **REDIAL**

NOTE If IP videophone is in waiting mode, it is possible to make a call by pressing **REDIAL** directly without picking up your handset.

❹ Making a call from the recent calling list

Pick up your handset or press **SPEAKER**.

⇨ (⌄) ⇨ The recent calling list is displayed.

⇨ Use (⌄) to select a number ⇨ (☝)

```
┌─────────────────────────────┐
│      Recent Sent Call       │
├─────────────────────────────┤
│ 218.38.2.54                 │
│ 218.38.2.221                │
│ 218.38.2.221                │
│ 218.38.2.221                │
│ sky                         │
│ 218.38.2.52                 │
│ sky                         │
├─────────────────────────────┤
│                          [1]│
└─────────────────────────────┘
```
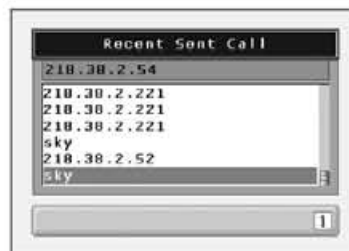
❺ Speed dialing

Pick up your handset or press **SPEAKER**. ⇨ Enter speed dial number ⇨ (☝)

＊You can search speed dial number in the PhoneBook of the main menu.

NOTE If the hot key is for 'Internet Phone', you shall make a call on the Internet, and for 'Cellular Phone' or 'General Phone', make a call using a normal phone.

NOTE If you press and hold the hot key, you can make a call without pressing (☝).

❻ One Click Call from the PhoneBook

Browse PhoneBook ⇨ Use (⌄) to select a number ⇨ (☝)

＊Main menu is displayed if you press (☝) when LCD is off or in the call mode.

NOTE Refer to <PhoonBook (30p)> for detailed call process.

❼ One Click Call from the Call Log

Browse CallLog ⇨ Use (⌄) to select a number ⇨ (☝)

NOTE Refer to <CallLog (33p)> for detailed call process.

Receiving a Call

If an incoming call is arrived, videophone begins ringing and the following animation is shown on the LCD screen.

- Pick up your handset.

- Press **SPEAKER**.

```
┌─────────────────────────┐
│                         │
│                    ░░░   │
│              > →    �│
│                         │
│ Cameron                 │
└─────────────────────────┘
```
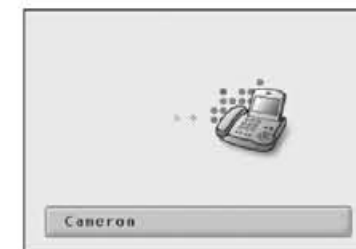
Rejecting a Call

Press (#) to reject the incoming call.

Dropping a Call

- Hang up your handset.
- If you are in speakerphone mode, press **SPEAKER**.

NOTE Your call data is stored in CallLog.

Call Forward (H.323)

Call Forward allows you to forward a call from your phone to any other phone.

Press **FLASH** ⇨ Enter phone number or

IP address ⇨ 👆

```
┌───────────────────┐
│  1   2   3        │
│  4   5   6        │
│  7   8  [9]       │
│  *   0   #        │
│ ┌───────────────┐ │
│ │ 123.45.67.89  │1│
│ └───────────────┘ │
└───────────────────┘
```

NOTE If a call is successfully transferred, the previous call is automatically disconnected. If not, the previous call is returned.

NOTE Call forward is possible only between ATL IP400 phones.

Auto Answering Mode

❶ What is Auto Answering mode?

In auto answering mode, an incoming call is automatically received after ringing the predefined times, and an absent message is delivered. In this case, if a caller leaves a message, such message is stored.

✳ Refer to <Checking Auto Answer Message (36p)> on how to retrieve messages.

NOTE In auto answering mode, you are recommended not to transmit image and voice data.

NOTE If a called party answers a call while an absence message is delivered or a caller leaves a message, the call may be connected.

NOTE If there is not enough memory space to store messages, an absence message is delivered and a call is disconnected automatically.

❷ Setting Auto Answering mode

Main menu ⇨ 🔘 ⇨ **UserSet** ⇨ 👆 ⇨ **Auto Answering** ⇨ 👆

NOTE For detailed information, refer to <UserSet (38p)>.

❸ Monitoring Function

With this function, you can monitor your room from a remote place with the videophone (password must be authenticated).

Main menu ⇨ 🔘 ⇨ **UserSet** ⇨ 👆 ⇨ **Auto Answering** ⇨ 👆

Set the bell count for auto answering to '0'.

NOTE For use of this monitoring function, the IP videophone of a caller shall be able to send numeric information.

Useful Functions during a Call

You can use some useful functions during the Internet video call.

❶ Display

Press **DISPLAY** to change display mode of the picture on your LCD screen. The display mode may be changed in the following sequence:

Dual Screen Mode (Default screen of H.323)

⇦

PIP (Picture-In-Picture)

⇩

⇧

Full Remote Screen Mode (Default screen of SIP)

⇨

PIP (Picture-In-Picture)

❷ Mute

Press **MUTE** to prevent the other party from hearing your voice. If you want to release mute, press **MUTE** again.

Mute

❸ Privacy

Press **PRIVACY** to keep your image from delivering to the other side. Instead of your image, a logo image is displayed on the other party's screen in the privacy mode. If you want to release privacy mode, press **PRIVACY** again.

Privacy

❹ Volume Control

You can control volume by pressing ⊙ during a call. The volume value icon is shown at the bottom of LCD screen.

In order to control volume in Setup menu during a call, press 🖰 ⇨ ⊙ ⇨ select **VOLUME CONTROL** ⇨ 🖰 ⇨ ◉ ⇨ 🖰

＊Press **EXIT** to return to the previous menu.

[OPTION SETTING]
▶ VOLUME CONTROL
    QUALITY CONTROL
    INPUT SELECT
    LCD CONTROL
    CAMERA CONTROL
▶ 111.123.111.123   I-HAND ▮▮

VOLUME CONTROL
◄─────┼─────►
3
▶ 111.123.111.123   I-HAND ▮▮

➎ Video Quality Control

If video quality is not good, or if video plays too slow, you can adjust network Tx/Rx bandwidth.

Video call ⇨ (🖐) ⇨ (↓) ⇨ **QUALITY**

CONTROL ⇨ (🖐) ⇨ Use (↕) to select

an item ⇨ Use (◄►) to adjust value

＊Receiving Speed : As you select the higher value, you can use more bandwidth, which guarantees enhanced image quality and better screen display.

＊Sending Speed : As you select the higher value, you can use more bandwidth, which guarantees enhanced image quality and better screen display

＊Press **EXIT** to return to the previous menu.

> **NOTE** When the sending speed is high with bad network connection, the image may be broken. In this case, the sending speed needs to be lowered.

[OPTION SETTING]
VOLUME CONTROL
► QUALITY CONTROL
INPUT SELECT
LCD CONTROL
CAMERA CONTROL
►111.123.111.123   I-HAND ▮▮

RECEIVING SPEED
L   M   H
SENDING SPEED
L   M   H
►111.123.111.123   I-HAND ▮▮
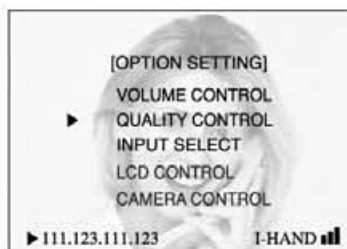
➏ Audio/Video Input Path Setting

You can change the input path of audio and video during a call.

Video call ⇨ (🖐) ⇨ (↓) ⇨

INPUT SELECT ⇨ (🖐) ⇨ Use (↕) to

select an item ⇨ (◄►) adjust value

＊Press **EXIT** to return to the previous menu.

[OPTION SETTING]
VOLUME CONTROL
QUALITY CONTROL
► INPUT SELECT
LCD CONTROL
CAMERA CONTROL
►111.123.111.123   I-HAND ▮▮

a. Video Input

• Internal Select : Use IP Videophone camera

• External Select : Use the external camera connected to video input terminal on the rear side of the phone

► VIDEO INPUT
► INT   EXT
AUDIO INPUT
INT   ► EXT
►111.123.111.123   I-HAND ▮▮

> **NOTE** If you select 'EXT' when the external camera is not connected to the videophone, the receiving image may be unclear. For the external video output, what you see on the current LCD screen is also displayed on any external device if an external display is connected to "video out" port without special setting.

> **NOTE** When TV is connected to IP videophone, certain images may not be displayed according to TV model.

b. Audio Input

• Internal Select : Use handset or microphone

• External Select : Use the audio signal input to the audio input terminal on the side of the phone

> **NOTE** If you select 'Exterior' at AUDIO IN, the audio signal is forwarded to exterior microphone in the other side and the voice comes out from exterior speaker connected to AUDIO OUT. If you want to use handset or internal microphone, change AUDIO IN into 'Internal'

> **NOTE** If audio input is set to 'EXT', volume control is not available.

➐ LCD Adjust

Adjusts the brightness, Hue, contrast, Saturation while talking over the phone.

Video call ⇨ (🖐) ⇨ (↓) ⇨

LCD CONTROL ⇨ (🖐) ⇨ Use (↕) to

select an item ⇨ Use (◄►) to adjust value

> **NOTE** Values adjusted in the menu'LCD CONTROL' or 'CAMERA CONTROL', are applied only while on the video call.

[OPTION SETTING]
VOLUME CONTROL
QUALITY CONTROL
INPUT SELECT
► LCD CONTROL
CAMERA CONTROL
►111.123.111.123   I-HAND ▮▮

BRIGHTNESS
HUE
CONTRAST
SATURATION
►111.123.111.123   I-HAND ▮▮

➑ Camera Adjust

Adjusts the brightness, Hue, contrast, Saturation of the camera while talking over the phone to give changed display to the other party on the line.

[OPTION SETTING]
VOLUME CONTROL
QUALITY CONTROL
INPUT SELECT
LCD CONTROL
► CAMERA CONTROL
►111.123.111.123   I-HAND ▮▮

Video call ⇨ (b) ⇨ ( ) ⇨ **CAMERA**

CONTROL ⇨ (b) ⇨ Use ( ) to select an

item ⇨ Use ( ) to adjust value (My display)

NOTE Adjust the user image on the other party, while watching PIP display.

⑨ Speakerphone Mode

Press SPEAKER to change into the speakerphone mode while calling using a handset. If you want to release the speakerphone mode, press **SPEAKER** again.

NOTE Even when you hang up your handset in speakerphone mode, the call is maintained in the speakerphone mode.

⑩ Short Message Service (SMS) - (Optional)

You can exchange short messages during a call.

a. Sending figures

Press the numeric keys to send simple figures.

b. Sending short messages

Press and hold SMS ⇨ Enter message

on the message window ⇨ (b)

＊Refer to <How to Enter Character (27p)> for character entering method.

---
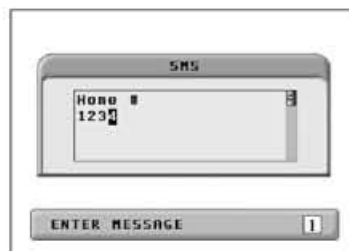
3. Public Phone-based Calling [Optional]

Making a Call

❶ Making a call using dialpad

Pick up your handset or press **SPEAKER**.

⇨ Press **TEL** to change mode (You can

see yourself) ⇨ Enter phone number

NOTE To change the mode into public phone, it can be changed by pressing 'TEL', instead of picking up or pressing 'SPEAKER'.

❷ Making a call using redial

Pick up your handset or press **SPEAKER**.

⇨ Press **TEL** to change mode (You can

see yourself) ⇨ Enter **REDIAL**

❸ Speed dialing

Pick up your handset or press **SPEAKER**. ⇨ Enter speed dial number ⇨ (b)

NOTE If you press and hold the hot key, you can make a call without pressing (b) .

❹ One Click Call from the PhoneBook

Main menu ⇨ Browse **PhoneBook** ⇨ Use ( ) to select a number ⇨ (b)

＊Main menu is displayed if you press (b) when LCD is off or in the call mode.

NOTE Refer to <PhoonBook (30p)> for detailed call process.

❺ One Click Call from the Call Log

Main menu ⇨ (⊙) ⇨ Browse **CallLog** ⇨ Use (⊙) to select a number ⇨ (🖐)

✳ Main menu is displayed if you pickup handset or press SPEAKER, and press (🖐) .

NOTE Refer to <CallLog (33p)> for detailed call process.

Receiving a Call

• Pick up your handset.

• Press **SPEAKER**.

NOTE Because IP Videophone has CID function built-in, caller number or name is displayed as bell ring.

Cameron

Dropping a Call

• Hang up your handset.

• If you are in speakerphone mode, press **SPEAKER**.

NOTE Your call data is stored in CallLog. In case the call is made in public phone, the digits entered in 10 seconds from the first digit entered are stored.

Useful Functions during a Call

You can adjust receiving volume with (⊙) .

---

4. User Configuration

Using Keypad in User Configuration

Numeric key	• Used for character input
1aA	• Enables you to select the type of characters in entering characters (Numeric/Lowercase/Capital)
TAB	• Allows you to move among the URL links and URL input window on the browser screen. • Enables you to go to the View menu for e-mail • Enables you to go to the View menu for auto answering list
EXIT	• Allows you to return the previous menu
ENT (🖐)	• Enables you to go to Edit mode or to set an appropriate value of each item
Arrow Key	• Used for menu change • Enables you to go to Edit mode or to set an appropriate value of each item

How to Enter a Character

Press 'KA 1aA' to choose the input mode (Numeric/Lowercase/Capital) you want to use. The current input type is indicated on right top of LCD screen.

Mode / Key	English		Numeric
	Small	Capital	
1	:@/	:@/	1
2	abc	ABC	2
3	def	DEF	3
4	ghi	GHI	4
5	jkl	JKL	5
6	mno	MNO	6
7	pqrs	PQRS	7
8	tuv	TUV	8

| | English | | Numeric |
Key \ Mode	Small	Capital	
(9 wxyz)	wxyz	WXYZ	9
(0 .)	‾ _	‾ _	0
(*)	*	*	*
(# .)	#	#	# .

❶ Numeric input

Example : In case of entering "123"

Press 1aA to set input mode to 1 .

Press (1 ..) , (2 abc) , (3 def) successively.

❷ English input

Example : In case of entering "SKY"

Press 1aA to set input mode to A.

Press 'S', 'K', 'Y' successively. ((7 pqrs) , (7 pqrs) , (7 pqrs) , (7 pqrs) ⇨ (5 jkl) , (5 jkl) ⇨ (9 wxyz) , (9 wxyz) , (9 wxyz))

❸ Mixed input

Example : In case of entering "123.com"

Press '1aA' to set input mode to 1 . ⇨ (1 ..) + (2 abc) + (3 def) + (# .) ⇨

Press '1aA' to set input mode to a . ⇨ (2 abc) + (2 abc) + (2 abc) + (6 mno) + (6 mno)

(6 mno) + (▸) + (6 mno)

Main Menu

During power off, or in dialing mode (when there is no input number), press (🖱) to display the User Configuration main menu.

Use 💿 to move between main menus

✽Press (🖱) to go into configuration mode of the current main menu.
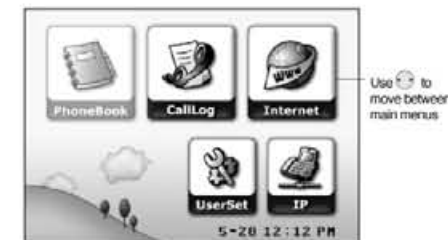
✽To finish the User Configuration menu, press **EXIT**.

PhoneBook	• Provides user-specific phone number. • Enables you to search the registered phone number by name, short number or phone number. • You can make a call at the registered phone number.
CallLog	• Allows you to check the recent phone numbers made/received. • Enables you to check an absent message recorded in ARS (Auto Response System). • You can make a call directly at the numbers recorded in call log.
Internet	• You can search cHTML website. • Allows you to write/read e-mails. • You can set up your e-mail account.
UserSet	• Sets bell types and volume. • Sets ARS. • Sets an option during a call. • Sets audio/video input path. • Sets system time. • Sets whether to use Setting Wizard when system booting up. • Upgrades software version. • Initializes a system.

IP	• Sets the network configuration.
	• Sets DNS address.
	• Sets Internet Telephony Service options
	    H.323 – server address, H.323 ID, phone number(E.164), password.
	    SIP – user information, server(proxy/registrar) information.
	• Sets Internet Sharing function.
	• Shows IP information registered with IP videophone and the current network connection status.

PhoneBook

PhoneBook enables you to save the frequently used phone numbers and make direct phone call while you search the menu.

> **NOTE** An IP Videophone may store up to 100 items.
> **NOTE** Internet phone, Mobile phone and Public phone numbers are stored.
> **NOTE** Up to 70 numbers are stored for SIP protocol.

❶ Viewing phone number list

PhoneBook ⇨ use (⌃) to select **View Phone Number List** ⇨ press (ⓑ) , (◂▸) or (1▫) (Press any of the three keys) ⇨ use (⌃) to select an item ⇨ the main number is displayed on the top of the list.

Select a name and press (◂▸) to move to the icon that indicates the type of the phone number.

(I) Internet phone   (H) Mobile phone   (P) Public phone   (⊟) Edit/Delete

*View Phone Number List is performed only when the numbers are in the PhoneBook.

*You can make a call to the selected phone number by pressing (ⓑ) .

a. Calling from PhoneBook to Internet

Select Internet icon (I) ⇨ Press (ⓑ) to make call in speakerphone mode (pick up the handset to use the handset)

b. Calling from PhoneBook to Public phone

Select Public Phone (P) or Mobile Phone Internet icon (H) ⇨ Press (ⓑ) to make call in speakerphone mode (pick up the handset to use the handset)

c. Modifying or deleting phone number on PhoneBook

Select Modify/Delete icon (⊟) with (◂▸) in the item to be modified or deleted ⇨ (ⓑ) ⇨ Use (◂▸) to select Modify or Del

• If you wish to delete the item, press (ⓑ) as Del is selected.

• If you wish to modify the item, press (ⓑ) as Modify is selected ⇨ modify item with (⌃) ⇨ Click Modify ⇨ Press (ⓑ) to save the change.

❷ Making an entry

PhoneBook ⇨ ⬇ ⇨ Select **Register**

Phone Number ⇨ press ◄►, 🖰 or ②

NOTE If 100 items (70 items in case of SIP) are already registered in the PhoneBook, you cannot perform registration of phone numbers.

Move the cursor with ✛ arrow key, and fill in each field. After filling in the fields, select ☐ Register and press 🖰 to register the number.

∗ Click **EXIT** if you want to stop entering data or to move to the previous menu.

NOTE If you select the speed dial number that is already in use, when you enter the 'Register' button, the error message 'The speed dial number is already occupied. Please enter new number.' is displayed.

NOTE If you make a call to a speed dial number, the phone originates a call to the representative number set at phone number entry.

❸ Searching phone number

PhoneBook ⇨ ⬇ ⇨ Select **Search**

Phone Number ⇨ press ◄►, 🖰 or ③

(Press any of the three keys)

Use ◄► to select Name / Phone number / Sped dial number ⇨ use ✛ to move cursor and enter name or number ⇨ use ✛ to select ☐ Search ⇨ 🖰 ⇨ the number that matches with the condition is displayed.

∗ Click **EXIT** if you want to stop entering data or to move to the previous menu.

NOTE When searching a phone number with 'Name', all the partially matching names are found.

NOTE When searching a phone number with 'Phone number', the window displays the matching phone number.

NOTE When searching a phone number with 'Speed Dialing Number', any item that is bigger than the entered speed dialing number is searched.

CallLog

The phone numbers of the recent calls are listed in CallLog.

Main menu ⇨ Use ◄► to select **CallLog** ⇨ 🖰

∗ The IP Videophone has up to 10 calls for Items 1~3 respectively.

❶ Sent Call

CallLog ⇨ 🔼 ⇨ **Sent Call** ⇨ ◀▶ ,

🖐 , 1 (Press any of the three keys)

✳ Press EXIT to return to the previous menu.

• Calling from Sent Call

Use 🔼 to select a number ⇨ 🖐

: You can make a call and talk through the speaker phone. (If you want to talk though the handset, pick up the handset.)

> **NOTE** You can also make a call by pressing and holding the index. For example, if 1234567 is in Index 7, press and hold 7 to make a call.

In order to view details of the selected item, press ◀▶

Sent Call screen showing:
```
5-6 3:39 AM
1  Sent Call
2  Received Call
3  Absent Call
4  Auto Answering Message
```

Edit screen:
```
218.38.2.54              edit
1  218.38.2.5    6
2  sky           7
3               8
4               9
5               10
```

Sent Call detail screen:
```
Sent Call        5-6 5:54 AM
Name : sky
Phone Num. : 218.38.2.54
Time : 2002-05-01 05:43

   Save      Delete
```
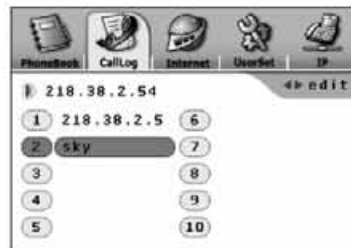
❷ Received Call

CallLog ⇨ 🔼 ⇨ **Received Call** ⇨ ◀▶ ,

🖐 , 2 ⇨ Press ◀▶ in order to view detailed information on the selected item

• Calling from Received Call

Use 🔼 to select a number ⇨ 🖐

: You can make a call and talk through the speaker phone. (If you want to talk though the handset, pick up the handset.)

Received Call screen:
```
5-6 3:39 AM
1  Sent Call
2  Received Call
3  Absent Call
4  Auto Answering Message
```

❸ Absent Call

CallLog ⇨ 🔼 ⇨ **Absent Call** ⇨ ◀▶ ,

🖐 , 3 ⇨ Press ◀▶ in order to view detailed information on the selected item

✳ Press **EXIT** to return to the previous menu.

• Calling from Absent Call

Use 🔼 to select a number ⇨ 🖐

: You can make a call and talk through the speaker phone. (If you want to talk though the handset, pick up the handset.)

Absent Call screen:
```
5-6 3:39 AM
1  Sent Call
2  Received Call
3  Absent Call
4  Auto Answering Message
```

❹ Saving a CallLog entry to PhoneBook

In the detailed calllog entry menu, you can add the item in the PhoneBook.

Click **Save** ⇨ 🖐

Sent Call screen:
```
Sent Call        5-6 5:54 AM
Name : sky
Phone Num. : 218.38.2.54
Time : 2002-05-01 05:43

   Save      Delete
```

Modify item on the Register Phone Num. window ⇨ Click **Modify** ⇨ 🖐

Register Phone Num. screen:
```
Register Phone Num.           [a]
Name       sky
Phone Type  Internet
Phone Num.  218.38.2.54
Speed Dial  1   Internet
         Modify
```

Sent Call dialog screen:
```
Sent Call        5-6 5:54 AM
There is the same name or phon
e number.
Do you want to modify?

   YES        NO
```

⑤ Deleting a CallLog entry

You can delete the call log.

Click `Delete` ⇨ (🖐)

After the message box with "Deleting..." is appeared, the current CallLog is updated.

```
PhoneBook  CallLog  Internet  UserSet  IP
▶ Sent Call                    5-6  8:12 PM
  Name : sky
  Phone Num. : 218.38.2.54
  Time : 2003-05-06 05:55

           Save      Delete
```

⑥ Checking auto answer message

In Auto Answer mode, the IP Videophone saves the message of the called party. You can check the auto answer message as below.

CallLog ⇨ Use (⬍) to select **Auto Answering Message** ⇨ (◀▶) , (🖐) , (4)

Use (◀▶) to move between the menus.

Use (⬍) to select a message.

```
PhoneBook  CallLog  Internet  UserSet  IP
                               5-6  3:40 AM
① Sent Call
② Received Call
③ Absent Call
④ Auto Answering Message
```
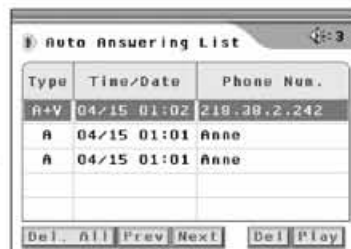
＊ The number in the right side of 🔊 indicates the total number of auto answering messages.

＊ Press **EXIT** to return to the previous menu.

```
▶ Auto Answering List          🔊:3
Type  Time/Date   Phone Num.
A+V   04/15 01:02 218.38.2.242
A     04/15 01:01 Anne
A     04/15 01:01 Anne



Del. All  Prev  Next    Del  Play
```

NOTE If no auto answer message is stored, the "No auto answer message" message is displayed.

Type	• Media type of the auto answer message. A : Voice only, V : Video only A+V : Voice and Video together
Date/Time	• Date and time of the received auto answer message.
Phone Number	• Phone number of the called party.
Delete All	• Delete all the auto answer messages in the list.
Back, Next	• Display previous or next page of the list.
Delete	• Delete the selected auto answer message.
Play	• Play the selected auto answer message.

⑦ Retrieving auto answer message

In Auto Answering List ⇨ Use (⬍) to select a message ⇨ (◀▶) (🖐) ⇨ Click **Play** ⇨ (🖐)

```
▶ Auto Answering List          🔊:3
Type  Time/Date   Phone Num.
A+V   04/15 01:02 218.38.2.242
A     04/15 01:01 Anne
A     04/15 01:01 Anne



Del. All  Prev  Next    Del  Play
```

- If both video and voice are saved : both video and voice are played.

- If voice is saved without video : the video screen remains black while the voice is heard.

```
                          Auto Answering




1:Review 2:Pause 3:Del 4:Exit
```

1: Play	• The auto answer message is played from the first. • You can also press ① to play the message.
2: Stop	• Stop playing the message. • You can also press ② to stop playing.
3: Delete	• Delete the auto answer message and display the auto answer message list. • You can also press ③ to delete a message.
4: EXIT	• Return to the auto answer message list. • You can also press ④ to exit the menu.

Internet (Optional)

The cHTML web browser and mail client are embedded in the videophone. You can access the web with the browser, and can read and send mails with the mail client.

＊ For the detailed instruction, refer to <5. Using Browser (53p)> and <6. Mail Service (57p)>.

UserSet

You can customize the options.

Main menu ⇨ (○) ⇨ **UserSet** ⇨ (○)

Bell	• Select the type of bell. • Select the volume of bell.
Auto Answering Mode	• Set the auto answering mode • Set the password for monitoring.
Call setup	• Set up the mute detection function. • Set the video transmission function. • Set up the call bandwidth. • Set the size of the video to be transmitted. • Set the rate of movement of video to be transmitted.

Miscellaneous	In/Out	• Select the video input path. • Select the audio input path.
	Time/Dat	• Set the network time server. • Set up Time and Date. • Determine whether to use the summer time, and select the standard time.
	Wizard	• Determine whether to use Wizard for network setup at system booting.

System configuration	Program version /upgrade	• Check the latest version of the software from the server. • Download the new software.
	System Init	• Initialize the system information.

---

❶ Bell setting

In the **UserSet** window, select **Bell** with (○)
⇨ (◀▶) , (○) , (1)

• Bell : Use (◀▶) to select bell
• Volume : Use (◀▶) to select the volume of receiving call.

＊ Press **EXIT** to exit the menu or go back to the previous menu.

NOTE In case that the volume is set as '0', no ringing sound is played.

❷ Auto answering mode

In **UserSet** ⇨ Use (○) to select Auto Answering
⇨ (◀▶) , (○) , (2)

• On/Off : Use (◀▶) to select 'ON' if you want to use the auto answering function, and then, press (○) or (○)
• Auto Ans. : Use (◀▶) to select the ringing count before the auto answering is activated.
• Password : Used to set up the monitoring function for auto answering mode. After entering a 4 digit password, reenter the password when "Enter password again" is displayed.

＊ Press **EXIT** to exit the menu or go back to the upper menu.
＊ Use (○) to select item.

NOTE 'If 'On/OFF' set 'OFF', the 'Auto Ans.' field and 'Password' will be deactivated.
NOTE If 'Bell' is set to 0, the monitoring function is activated automatically. 'Password' is meaningful only when the monitoring function is on.
NOTE If the second password is not matched with the first password, then 'Incorrect - Enter password again' message will be displayed.
NOTE If the auto answering function is on, the Reg lamp on the phone blinks.

❸ Call setup

Set up the options to be applied to IP video call.

In **UserSet** ⇨ ( ) ⇨ Select **Call Setup**

⇨ (◄ ►) , (🖰) , (3)

```
 PhoneBook  CallLog  Internet  UserSet   IP
                              5-6  3:41 AM
 1  Bell
 2  Auto Answering
 3  Call Setup
 4  Miscellaneous
 5  System Setting
```

- Bandwidth : Select the value with (◄ ►)
  (128,192,256,384,512,768 Kbps). This
  bandwidth is applied to both voice and
  video data transmission.

- VAD : The mute detection function detects
  the mute section during the call, and stops
  transmitting the voice data to the other
  party. This function does not affect the
  call quality. Use (◄ ►) to select On or Off.

```
 PhoneBook  CallLog  Internet  UserSet   IP
  Call Setup                    ◄► edit
  Bandwidth  384Kbps            ◄►
  VAD        OFF                ◄►
  Video E/D  YES                ◄►
  Video Size CIF                ◄►
  Video Rate Fast               ◄►
```

- Video E/D : Select 'ON' or 'Off' of Video
  transmission with (◄ ►) If it is set to Off,
  no video can be transmitted / received
  during a call.

```
 PhoneBook  CallLog  Internet  UserSet   IP
  Call Setup                    ◄► edit
  Bandwidth  384Kbps            ◄►
  VAD        OFF                ◄►
  Video E/D  NO                 ◄►
  Video Size CIF                ◄►
  Video Rate Fast               ◄►
```

- Video Size : Select QCIF (small screen) /
  CIF (large screen) with (◄ ►)

- Video Rate : Select the video rate with (◄ ►).
  In 'Video Rate' you can select the speed
  of movement; Fast/Normal/Slow. Press
  ( ) or (🖰) to save the setting.

```
 PhoneBook  CallLog  Internet  UserSet   IP
  Call Setup                    ◄► edit
  Bandwidth  384Kbps            ◄►
  VAD        OFF                ◄►
  Video E/D  YES                ◄►
  Video Size CIF                ◄►
  Video Rate Fast               ◄►
```

* Use ( ) to move between items.
* Press **EXIT** to exit the menu or go back to the upper
  menu.

NOTE The faster the video rate, the picture quality becomes coarser. On the contrary, the slower
the video rate, the picture quality becomes finer.

❹ A/V Input Path Setting

In **UserSet** ⇨ ( ) ⇨ Select
Miscellaneous ⇨ (◄ ►) , (🖰) , (4)

```
 PhoneBook  CallLog  Internet  UserSet   IP
                              5-6  3:41 AM
 1  Bell
 2  Auto Answering
 3  Call Setup
 4  Miscellaneous
 5  System Setting
```

Miscellaneous ⇨ ( ) ⇨ Select **A/V**
Input Path ⇨ (◄ ►) , (🖰) , (1)

```
 PhoneBook  CallLog  Internet  UserSet   IP
  Miscellaneous                 5-6  3:41 AM
  1  A/V Input Path
  2  Time/Date
  3  Wizard          OFF        ◄►
```

- Video In : Use (◄ ►) to select internal
  camera or external camera.

- Audio In : Use (◄ ►) to select internal
  audio system or external audio system.

```
 PhoneBook  CallLog  Internet  UserSet   IP
  A/V Input Path                ◄► edit
  Video In   Internal           ◄►
  Audio In   Internal           ◄►
```

* Press **EXIT** to exit the menu or go back to the
  upper menu.

❺ Time/Date Setting

Connecting to a time server on the Internet,
Vizufon receives the information of current
time. Or it is also possible to set time by user
himself.

In **UserSet** ⇨ ( ) ⇨ Select
Miscellaneous ⇨ (◄ ►) , (🖰) , (4)

```
 PhoneBook  CallLog  Internet  UserSet   IP
                              5-6  3:41 AM
 1  Bell
 2  Auto Answering
 3  Call Setup
 4  Miscellaneous
 5  System Setting
```

Miscellaneous ⇨ ( ) ⇨ Select
Time/Date ⇨ (◄ ►) , (🖰) , (2)

```
 PhoneBook  CallLog  Internet  UserSet   IP
  Miscellaneous                 5-6  3:41 AM
  1  A/V Input Path
  2  Time/Date
  3  Wizard          OFF        ◄►
```

a. Setting Time and Date by connecting to a time server on the Internet.

Using (◄ ►), select **'ON'** for NTP to enter time server information.

• D.S.T : Use (◄ ►) to select whether to apply the summer time.

• G.M.T : Use (◄ ►) to select the standard time.

• Server1 : Enter the address of the network time server. (The IP Videophone has the default network time server information. You can designate the time server to which the IP Videophone will access.)

• Server2 : Enter other time server.

∗ To confirm the change, press (b) .

∗ Press **EXIT** to exit the menu or go back to the upper menu.

NOTE You can enter IP or domain name of the time server.

NOTE If 'Server 1' and 'Server 2' are left blank, the IP Videophone receives time information from the default time server.

b. Setting Time and Date by user himself.

Using (◄ ►), select **'OFF'** for NTP to set time and date at user's discretion.

∗ To move up and down, use ( ) or press (b) button.

• Date : Set date, month, year in sequence.

• Time : Set hour, mininute, (AM/PM)
(Use ( ) to toggle between AM and PM.)

∗ Press ( ) to move to the next. When you edit or change the current value, press ( ) to delete it before changing with new value.

∗ To confirm the change, press (b) .

∗ Press **EXIT** to exit the menu or go back to the upper menu.
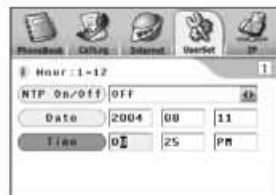
NOTE If you press ( ) at the field for year setting, it moves to the field for time setting directly. And if you press ( ) at the field for 'AM/PM', it moves to the field for date setting directly.

NOTE The formal 'time' value is deleted on rebooting, when you enter the present time by selecting 'No STUN' in 'NTP On/Off.

⑥ Wizard Setting

The IP Videophone provides the wizard menu for network setting when the system is rebooted.

In **UserSet** ⇨ ( ) ⇨ Select

Miscellaneous ⇨ (◄ ►) , (b) , (4∞)

Miscellaneous ⇨ ( ) ⇨ Select **Wizard**

⇨ (◄ ►) , (b) , (3∞)

Use (◄ ►) to select ON or OFF.

∗ Press **EXIT** to exit the menu or go back to the upper menu.

NOTE If the Wizard is set to 'ON', the wizard menu is started when the system is rebooted.Once the wizard function is used, it is automatically set to 'OFF".

⑦ Program Version/Upgrade

NOTE For details of software upgrade, refer to <7. Software Upgrading (62p)>.

⑧ System Init.

System Init. Initializes (deletes) all information ("Phone No.", "IP No." and "Internet and Mail setting") stored on the IP Videophone. Therefore, if you wish to initialize the system, please contact the A/S center.

IP

Main menu ⇨ ⊙ ⇨ Select **IP** ⇨ 👆

Default	Basic network configuration required to connect the IP Videophone to Internet. • Select the Internet access method (LAN with stationary IP, LAN with dynamic IP, and ADSL)
Advanced	Set the additional information for connection to Internet. • Set the secondary DNS address.

Internet Phone	Set the information required for registration to Internet phone service.
	• H.323 protocol
	  - Set the server address.
	  - Set the H.323 ID and E.164 formatted phone number for registration of the phone to the Internet phone service.
	  - Set the password for authentication to the Internet phone service.
	  - Set the emergency server.
	  - Set the prefix for connection to the Internet phone service.
	• SIP protocol
	  - Set user name/password/address to be registered to Internet phone service.
	  - Set authentication ID required for access to Internet phone service
	  - Shows realm information provided to the server
	  - Set the port by server type (Proxy / Registrar)

Internet Sharing	• Select whether to use the Internet sharing function. • Set the external Internet sharer information. • Set the Internet sharing information in the IP Videophone.
View Internet Status	In this menu, the current IP configuration of videophone is shown - IP address, Subnet mask, Gateway address, DNS address, MAC address.

NOTE This menu necessary to use the videophone.

NOTE Internet phone setting items vary by the program version. If you cannot change the setting, use the wizard function.

---

❶ **Internet Configuration**

In **IP** window ⇨ ⊙ ⇨ Select **Default**
⇨ ◁▷ , 👆 , 1◦

＊ Press **EXIT** to exit the menu or go back to the upper menu.

Type : Use ◁▷ to select the Internet access type.
• Dynamic IP : The phone, using DHCP, is assigned with IP address dynamically from the server.

＊ The user is not required to set the IP.

• Static IP : Use ⊙ to select IP Addr, Sub. Mask, Gateway and DNS Addr

• ADSL : Use ⊙ to move to ID, Password, PPPoE.

NOTE In PPPoE field, enter the service name given by the service provider.

A message is displayed in case of the change of IP setting. Select YES/NO and press 👆 .

NOTE If the access type is changed, reboot the system to apply new IP information.

NOTE Most of the sites to be visited on Internet are expressed as the domain names. In order to access internet with the domain name, DNS service is required. Therefore, you have to set the IP address of the DNS server. If you are connected to the dynamic IP network or the ADSL network, the phone gets address of the DNS server automatically. Therefore, you don't have to set the address of the DNS server.

❷ Advanced Internet Configuration

In **IP** window ⇨ (○) ⇨ Select **Advanced**
⇨ (◄•), (👆), (2abc)


```
            5-6  3:42 AM
 ① Default
 ② Advanced
 ③ Internet Phone
 ④ Internet Sharing
 ⑤ View Internet Status
```

- **DNS Addr** : Enter IP address of the DNS server (for emergency).


```
 ⌗ Advanced              1
 DNS Addr  211.23.11.0
```

* Press **EXIT** to exit the menu or go back to the upper menu.

> **NOTE** The secondary DNS is used when the main DNS server is in defect.

❸ Internet Phone Configuration (H.323)

In **IP** window ⇨ (○) ⇨ Select **Internet Phone**
⇨ (◄•), (👆), (3def)


```
            5-6  3:42 AM
 ① Default
 ② Advanced
 ③ Internet Phone
 ④ Internet Sharing
 ⑤ View Internet Status
```

- **G.K. Addr1** : Enter the server address of the Internet phone service provider's network.
- **H323ID** : Set H.323 ID to be used for access to Internet.
- **E.164** : Enter the phone number for access to Internet.
- **Password** : Enter the password.
- **G.K. Addr2** : Enter the server address (for emergency).
- **Area Code** : Enter the prefix in the area where the phone is installed. (DDD)


```
 ⌗ Internet Phone          1
 G.K Addr1  211.22.35.5
 H.323 ID   haha
 E.164      1234
 Password   ******
 G.K Addr2
```



```
 ⌗ Internet Phone          1
 Area Code  00
```

* Use (○) or (👆) to select the item.

* Press **EXIT** to exit the menu or go back to the upper menu.

* If the Advanced Internet Configuration value is changed, the concerned message is displayed. Select YES/NO and press (👆).

> **NOTE** Setting of values may be unavailable depending on the program version. In this case, the server provides information of each field.
>
> **NOTE** All the items must have the values given by the service provider when the phone is registered to the Internet phone service. If any of the items is not received from the service provider, it must be left blank.
>
> **NOTE** If the IP Videophone is successfully registered to the Internet phone service, the REG lamp is on.

❹ Internet Phone Configuration (SIP)

You must set the basic user information for SIP call. If the phone is subscribed to the Internet phone service, the server information must be set up.

a. User Information

In **IP** window ⇨ (○) ⇨ Select **Internet Phone**
⇨ (◄•), (👆), (3def)


```
            5-6  3:42 AM
 ① Default
 ② Advanced
 ③ Internet Phone
 ④ Internet Sharing
 ⑤ View Internet Status
```

Internet Phone ⇨ (○) ⇨ Select **User Information** ⇨ (◄•), (👆), (1..)


```
 ⌗ Internet Phone     3-18  1:57 ☎
 ① User Information
 ② Server Configuration
 ③ Extension Service
```

* Press **EXIT** to exit the menu or go back to the upper menu.

- **User Name** : Enter user ID.
- **Password** : Enter password. The password is displayed as '*'.
- **Address** : Enter domain name or IP address of SIP address.
- **Auth. ID** : Enter Auth. ID.
- **Realm** : Information on the realm assigned by the server


```
 ⌗ User Information
 User Name  guest
 Password   *****
 Address    cnstec.com
 Auth. ID   1234
 Realm
```

```
 IP setting has been reconfigured
 Do you want to apply new settings?

   [ YES ]      [ NO ]
```

> **NOTE** All the items must have the values given by the service provider when the phone is registered to the Internet phone service. If any of the items is not received from the service provider, it must be left blank.

b. Server Configuration

In **IP** window ⇨ (⌄) ⇨ Select **Internet Phone**
⇨ (◄·►) , (☝) , (3ᴅᴇꜰ)

```
┌─────────────────────────────┐
│ [icons]                  IP │
│                   5-6  3:42 AM│
│ ① Default                   │
│ ② Advanced                  │
│ ③ Internet Phone            │
│ ④ Internet Sharing          │
│ ⑤ View Internet Status      │
└─────────────────────────────┘
```
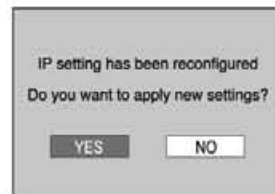
Internet Phone ⇨ (⌄) ⇨ Select **Server**
Configuration ⇨ (◄·►) , (☝) , (2ᴀʙᴄ)

```
┌─────────────────────────────┐
│ [icons]                  IP │
│ ▌ Internet Phone  5-6  3:42 AM│
│ ① User Information          │
│ ② Server Configuration      │
│ ③ Extension Service         │
└─────────────────────────────┘
```

- Use (◄·►) to select Proxy/Registrar.
- Address : Enter IP address or domain name.
- Port : Enter the port number of the Internet phone server.

```
┌─────────────────────────────┐
│ [icons]                  IP │
│ ▌ Server Config.      ↔ edit│
│  Type    │Proxy            │▼│
│  Address │111.111.111.111  │ │
│  Port    │5060             │ │
└─────────────────────────────┘
```

✳ Use (⌄) or (☝) to select an item.
✳ You should enter address and port for both Proxy and Registrar to register the videophone to the server, and to use video call.
✳ Press **EXIT** to exit the menu or go back to the upper menu.

```
┌─────────────────────────────┐
│ [icons]                  IP │
│ ▌ Server Config.      ↔ edit│
│  Type    │Registrar        │▼│
│  Address │111.111.111.111  │ │
│  Port    │5060             │ │
└─────────────────────────────┘
```

If Internet setting is changed, the message is displayed. Select YES/NO and press (☝).

```
┌─────────────────────────────┐
│                             │
│  IP setting has been reconfigured│
│  Do you want to apply new settings?│
│                             │
│   [ YES ]      [  NO  ]     │
└─────────────────────────────┘
```

NOTE All the items must have the values given by the service provider when the phone is registered to the Internet phone service. If any of the items is not received from the service provider, it must be left blank.

NOTE If the IP Videophone is successfully registered to the Internet phone service, the REG lamp is on.

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c. Extension Service

In **IP** window ⇨ (⌄) ⇨ Select **Internet Phone**
⇨ (◄·►) , (☝) , (3ᴅᴇꜰ)

```
┌─────────────────────────────┐
│ [icons]                  IP │
│                   5-6  3:42 AM│
│ ① Default                   │
│ ② Advanced                  │
│ ③ Internet Phone            │
│ ④ Internet Sharing          │
│ ⑤ View Internet Status      │
└─────────────────────────────┘
```

Internet Phone ⇨ (⌄) ⇨ Select **Extension**
Service ⇨ (◄·►) , (☝) , (3ᴅᴇꜰ)

```
┌─────────────────────────────┐
│ [icons]                  IP │
│ ▌ Internet Phone  6-4  7:16 AM│
│ ① User Information          │
│ ② Server Configuration      │
│ ③ Extension Service         │
└─────────────────────────────┘
```
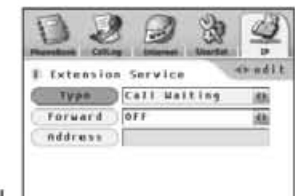
- Call Waiting
  'Call Waiting' function shall be used for either when the caller tries to make another phone call on the busy or when the caller tries to return to the earlier phone call on the busy.

Type ⇨ (◄·►) ⇨ Select **Call Waiting**
⇨ (☝)

```
┌─────────────────────────────┐
│ [icons]                  IP │
│ ▌ Extension Service   ↔ edit│
│  Type    │Call Waiting     │▼│
│  Forward │OFF              │▼│
│  Address │                 │ │
└─────────────────────────────┘
```

✳ Press **EXIT** to exit the menu or go back to the upper menu.

- How to call on the "Call Waiting"
  On the busy ⇨ Press **FLASH** ⇨ enter other party's phone number or phone IP address ⇨ (☝)

NOTE When there are two calls on the queue, you can switch to the call on the hold pressing **FLASH**

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• Call Transfer

'Call Transfer' function shall mean that caller transfer the existing call to others and hang up his phone.

Type ⇨ (◄•►) ⇨ Select **Call Transfer**
⇨ (🖐)

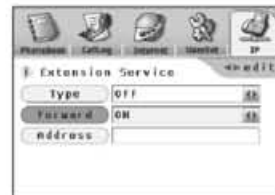＊ Press **EXIT** to exit the menu or go back to the upper menu.

NOTE It's the same as how to call on the "Call Waiting" function.

NOTE When the "Call Transfer" is made, the caller's phone is automatically hung up.

• Forward

'Forward' function shall be used when there's a phone call, you receive the call on the other phone.

Forward ⇨ (◄•►) ⇨ Select **on** ⇨ (🖐)

(▼) , (🖐) ⇨ move to **Address** ⇨ enter the other party's phone number or the IP address of other party's phone

＊ Press **EXIT** to exit the menu or go back to the upper menu.

---

❺ **Internet Sharing Configuration**

In **IP** window ⇨ (▼) ⇨ Select **Internet Sharing** ⇨ (◄•►) , (🖐) , (4₉ₕᵢ)

Internet Sharing ⇨ (▼) ⇨ Use (◄•►) to select **NAT type** in Type

• External NAT

Type ⇨ (▼) ⇨ Global IP : Set IP address of the external NAT

＊ Refer to <Connecting IP Videophone in the Private network (64p)> for details.

• STUN (In case of SIP)

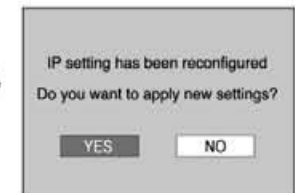**Type** ⇨ (▼) ⇨ STUN IP : Set the address of STUN Server

＊ Refer to <Using 'STUN' function embedded in IP Videophone (66p)> for details.

If the IP setting is different from the current setting, the message is displayed. Select YES/NO and press (🖐) .

＊ Press **EXIT** to exit the menu or go back to the upper menu.

NOTE If the sharer type is changed, you must reboot the system.

❻ View Internet Status

In **IP** window ⇨ ⊙ ⇨ Select **View Internet**

Status ⇨ ⊙ , ⊙ , ⑤


```
                              S-6  3:42 AM
 ① Default
 ② Advanced
 ③ Internet Phone
 ④ Internet Sharing
 ⑤ View Internet Status
```

✱ Press **EXIT** to exit the menu or go back to the upper menu.


```
 ▶ View Internet Status
   IP Addr    210.30.2.23
   Sub. Mask  255.255.255.0
   Gateway    210.30.2.254
   DNS Addr   210.30.2.1
   MAC Addr   0x0008F2000071
```
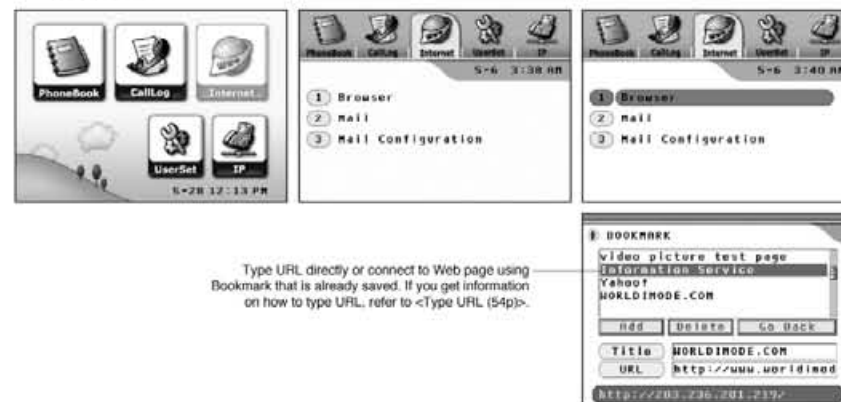
> **NOTE** In case that the DNS server or the gateway router doesn't respond to the ping request of the IP videophone, it may be represented as disconnected from Internet even through the IP videophone works correctly.

---

5. Using Browser [Optional]

Getting Started

Main menu ⇨ ⊙ ⇨ Select **Internet** ⇨ ⊙ ⇨ ⊙ ⇨ Select **Browser** ⇨ ⊙ , ①


```
 PhoneBook   CallLog   Internet

            UserSet     IP
 5-28 12:13 PM
```

```
                              S-6  3:38 AM
 ① Browser
 ② Mail
 ③ Mail Configuration
```

```
                              S-6  3:40 AM
 ① Browser
 ② Mail
 ③ Mail Configuration
```

Type URL directly or connect to Web page using Bookmark that is already saved. If you get information on how to type URL, refer to <Type URL (54p)>.


```
 ▶ BOOKMARK
   Video picture test page
   Information Service
   Yahoo!
   WORLDIMODE.COM
   [ Add ]  [ Delete ]  [ Go Back ]
   ( Title )  WORLDIMODE.COM
   ( URL )    http://www.worldimod
 http://203.236.201.219/
```

Keypads in a Web Browser

Number key	Enables you to enter numbers.
1aA	Enables you to change character input mode in order of Numeric, Lower case and Capital.
TAB	Used to move between items that you can select or input in a web browser.
EXIT	Enables you to exit a web browser and go to Internet menu.
ENT ⊙	Enables you to execute the selected item.
Arrow Keys	⊙ - Enable you to scroll up/down if a web page exceeds one screen.
	⊙ - Enable you to move previous/next page.

Type URL

- Press **TAB** and go to 'URL' input window.

- Press **1aA** and change to Numeric or English mode.

- Enter a web page address.

Use **1aA** to change between Numeric or English mode

e.g.) www.atltelecom.com
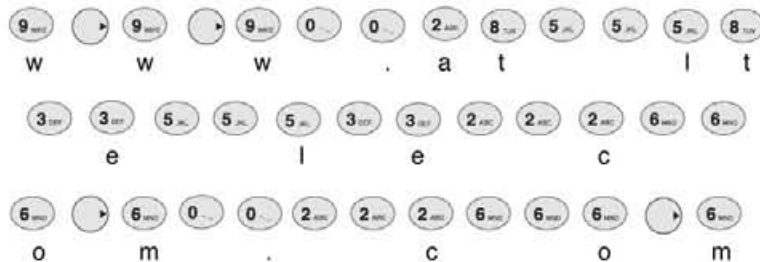
Press 🖑 to move.

View Browsers

If you are successfully connected to the site that corresponds to the URL, the web page appears as shown below.

Next
Go Back
BOOKMARK : Press 🖑 to move window

- If you move to URL window using **TAB** key, you can directly type URL of the cor responding site. For information on how to type URL, refer to <Type URL (56p)>.

- If you move to links on a web page using **TAB** and press 🖑 , you can go to the appropriate web page. If any number is attached to the link, enter the number directly and move to the page to which the appropriate link refers.

- If a web page is bigger than IP videophone screen, scroll to the left/right using 🔘 or scroll up/down using 🔘 .

NOTE IP videophone browser supports a compatible HTML. Thus, it correctly displays web pages made in a compatible HTML. Simplified general web pages can be shown and some of them are not correct.

Using Bookmark

TAB ⇨ Select 🏠 ⇨ 👆

❶ Move to Bookmark

Select your target web page using (▲▼), and then press 👆.

❷ Add Bookmark

Press **TAB** to move to 'Title'/'URL' input window, and edit the content to save.

Select 'Add' using **TAB** and press 👆 to save. (Web browser's bookmark feature lets you store up to 5 addresses.)

❸ Delete Bookmark

TAB ⇨ (▼) ⇨ Select web page to delete ⇨

TAB ⇨ (►) ⇨ Select Delete ⇨ 👆

---

6. Mail Services [Optional]

Setting Mail User Configuration

Mail of Internet menu supports POP3 and SMTP protocols. You can set POP3 server address, SMTP server address and mail ID information in Mail Configuration.

Internet ⇨ (▼) ⇨ Select **Mail Configuration** ⇨ (◄►), 👆, (3ᵈᵉᶠ) Use (▲▼) to select the location and press (◄►), 👆

Up to 5 IDs are stored

e.g.) Entering vizufon@vizufon.com

Select 1 ⇨ 👆 ⇨ Enter POP3 server address, SMTP server address and ID.

• Enter POP server address to receive mail.
• Enter SMTP server address to send mails.
• Enter mail ID.
• Enter reply address
• Select YES/NO for Notice ((◄►))

✳ If you want to stop typing or move to previous menu, press **EXIT**.

NOTE If you select Mail Notice function, 🔽 appears on GUI main screen when a new mail arrives at the appropriate mail account.

Logging into the Mail Server

· **Internet** ⇨ (○) ⇨ Select **Mail** ⇨ (○) , (○) , (2)

· If you press (○) or (○) in **ID**, the stored IDs are displayed. Select the desired mail **ID** using (○) and press (○) .

· Enter **Password** ⇨ (○) ⇨ Determine whether to store the password using (○) in **Saving Pwd**

NOTE If you save password, you need not enter password again to access to the server later.
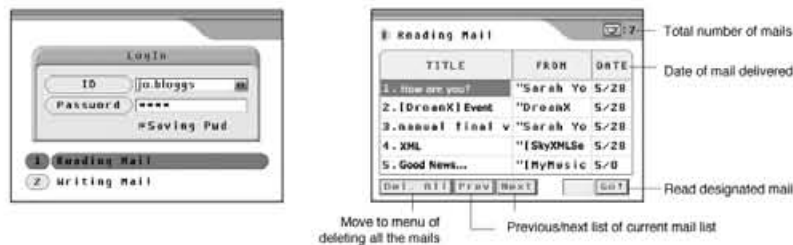
Reading Mail

NOTE Mail function is available only if POP3, SMTP and ID information are configured in Mail properties.

❶ View Mail List

Login ⇨ (○) ⇨ Select **Reading Mail** ⇨ (○) , (○)

∗ Use **TAB** to select mail list and mail list menu.

Total number of mails
Date of mail delivered
Read designated mail
Move to menu of deleting all the mails
Previous/next list of current mail list

❷ View Mail

Mail list ⇨ (○) ⇨ Select Mail ⇨ (○)

Current mail number / Total number of mails
Title of mail
Sender / Mail address
Date of mail
Use (○) to select menu

· Prev, Next : Previous/next list of current mail list
· List : Move to mail list menu
· Reply : Move to the window in which you can send reply or write mails.
· Delete : Delete current mail

∗ If you want to stop typing or move to previous menu, press EXIT.

❸ Send Reply

Reading Mail ⇨ (○) ⇨ Select Reply ⇨ (○)

· Move to Mail Edit window with **TAB** key and then write a mail.

· After writing a mail, move to 'Send' using **TAB** key and press (○) . Then, the mail will be delivered to Receiver's mail address.

❹ Delete Mail

Reading Mail ⇨ (○) ⇨ Select
Delete ⇨ (○) ⇨ (○) ⇨ Select
YES ⇨ (○)

If you wish to cancel deletion, select **NO** , and press (○) or press **EXIT**.

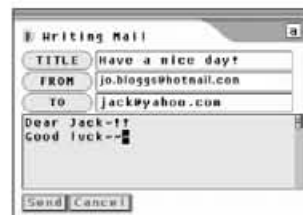Use **TAB** key to move between the items.

Writing Mail

Login ⇨ ⟨•⟩ ⇨ Select **Writing Mail**

⇨ ⟨•⟩ , 👆

• Enter 'Title'. If you want to move to 'Sender', press ⟨•⟩ or **TAB**.

• 'Sender' is set by default to login mail address. If you want to move to 'Receiver', press ⟨•⟩ or **TAB**.

• Enter receiver's e-mail address in 'Receiver'. If you want to write a mail, press **TAB**.

Write mail ⇨ **TAB** ⇨ Click **Send** ⇨ 👆

NOTE You can send mail by pressing 👆 .

Checking Mail Notice Window

If a new mail arrives at the account designated at Mail Configuration, ✉ appears on GUI main screen.

• If you press 👆 when mail notice icon appears, the account list is displayed.

• Select the account using ⟨•⟩ , and press 👆 to move to Read Mail.

7. Software Upgrading

What is remote upgrade ?

IP videophone can download the latest software version from a remote server through Internet. For further information on latest IP videophone software version, please visit our home page.

⇨ 🖱

Connecting to Server

Connect to the server from IP videophone and check the latest software version.

Main menu ⇨ (•) ⇨ Select **UserSet** ⇨ (•) ⇨ Select **System Setting**
⇨ (•) , 🖱 , (5)

System Setting ⇨ (•) ⇨ Select **Version/Upgrade** ⇨ (•) , 🖱 , (1)

Fill in Version, Modified, Server and Type, select Check Version, and press 🖱 .

- IP videophone supports TFTP and HTTP methods when it connects to the server.

- You can type IP address or domain name (e.g., www.atltelecom.com) for Server address.

- If it fails in connecting to the server, the following error message is displayed.
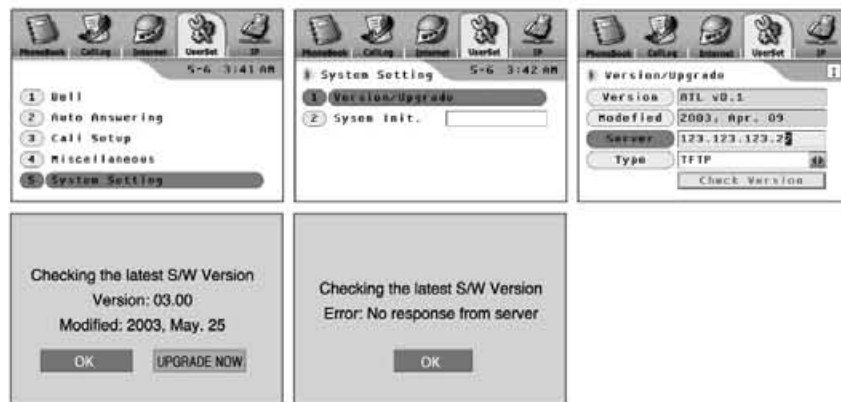
Program Downloading

Download the latest software version from the server.

When you check the latest software version after connecting to the server, if the server software version is higher than current IP videophone version, the following message appears.

⇨ Select **UPGRADE NOW** ⇨ 🖱
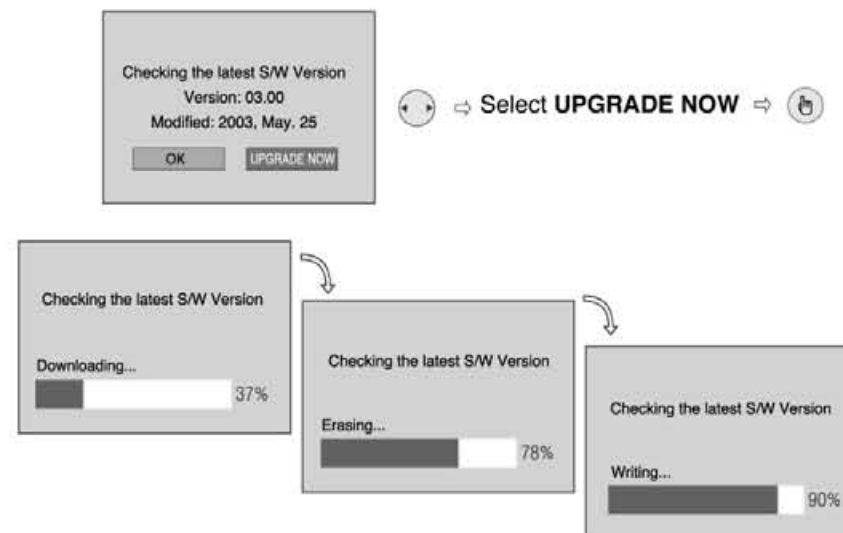
> **NOTE** Make sure that software upgrade should not be stopped. In other words, do not cut off power in the course of upgrading. If the procedure of upgrading stops, the existing software is deleted and not normally operated. If any problem occurs, do not turn off power and attempt upgrading again. If it continues to fail, please contact the A/S center.

Use NAT function

❶ Connecting IP Videophone in the Private Network

You can set the IP Videophone on the private network which is implemented with the external NAT.

a. Check internal/external IP address

• Check the IP address of the IP videophone and that of the external sharer (WAN, Global or Public) before setting an IP videophone and external sharer.

• IP address of the IP videophone can be found in View Internet Status menu (52p). If connected to the private network, IP address is usually set to the following values:
- 192.168.xxx.xxx ~ 192.168.255.255
- 10.xxx.xxx.xxx ~ 10.255.255.255
- 172.16.xxx.xxx ~ 172.31.xxx.xxx

• You can check the external IP address of the external sharer in the share status view menu of each sharer. For further information, refer to user's manual of each sharer. The figure below shows the screen on which you can check the external sharer IP address.

< Checking external sharer IP address >

b. Set IP videophone

Be sure to enter external sharer's IP address in IP videophone. Set IP videophone by checking the external IP address of external sharer.

Main menu ⇨ ( ) ⇨ Select IP ⇨ ( ) ⇨ Select Internet Sharing ⇨ ( ), ( ), (4) ⇨ Type ⇨ ( ) ⇨ Select External NAT ⇨ ( ) ⇨ Set IP address of external sharer in Global IP

• If you want to stop typing or move to previous menu, press **EXIT**. If you select a different one from current IP setting method, the following message window appears.If you want to change IP setting, click 'YES' and press ( ) .

NOTE If the mode of a sharer to be used is changed, be sure to reboot the system.

c. Set external sharer

• Move to Sharer Configuration menu through Web browser such as Internet Explorer in PC connected to external sharer.

• Move to "DMZ Host" or "DMZ server" setting menu among sharer properties. Enter IP videophone IP address in DMZ Server Address Input Window, and save the settings.

• For further information of menus and methods related to sharer setting, see each sharer manual. The figure below shows how to set DMZ server in an external sharer.
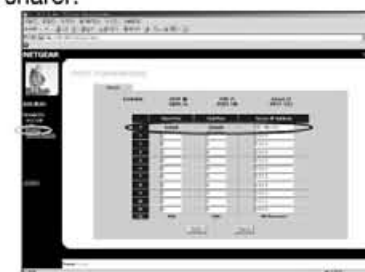
< Setting DMZ Server in an External Sharer >

NOTE If server setting is normally performed through the procedures above, you can make a call and answer the phone using external sharer IP address or IP videophone phone number.

❷ Using 'STUN' function embedded in IP videophone (In case of SIP)

This enables SIP-version IP videophone to be easily configured to communicate with the exterior IP-sharing router through STUN function.
This shows the configuration process of the exterior IP-sharing router and the videophone.

a. Type of NAT and Configuration of the exterior IP-sharing router

After connecting videophone and computer into the exterior IP-sharing router, configure the videophone to see the type of NAT as following;

- Reboot the exterior IP-sharing router.
- Reboot videophone after the setting. And input the private IP address of the videophone.
- See the type of NAT in 'Configuration of IP Sharing'.
- There is no need to change the setting of IP-sharing router. You don't need to configure DMZ hosting in IP-sharing router, when using STUN function.

b. Set IP videophone

Main menu ⇨ (•) ⇨ Select **IP** ⇨ (.) ⇨ Select **Internet Sharing** ⇨
(••) , (👆) , (4.ᵍʰᵢ) ⇨ **Type** ⇨ (••) ⇨ **STUN** ⇨ (.) ⇨ **STUN IP**

⇨ Input the address of STUN server.

* The default address is highly recommended.

* If you want to stop typing or move to previous menu, press **EXIT**.

If you select a different one from current IP setting method, the following message window appears. If you want to change IP setting, click 'YES' and press (👆) .

IP setting has been reconfigured
Do you want to apply new settings?

Yes | No

NOTE You must reboot the videophone when the type of IP-sharing router is changed.

NOTE It might be impossible to call through STUN upon the type of IP-sharing router. In this case, select 'Using exterior IP-sharing router'.

You can see a message on display showing the type of NAT in 'Internet IP Sharing' after rebooting. If the type is CONE TYPE NAT, RESTRICTED NAT, PORT RESTRICTED NAT or OPEN INTERNET, a call is available. In case that the type is not the same as above or a call is not available under the above, please select 'Using exterior IP-sharing router' in the configuration of 'Internet IP sharing' and configure DMZ function in IP-sharing router.

NAT TYPE : CON TYPE NAT(2)
PUBLIC ADDRESS : 1.2.3.4
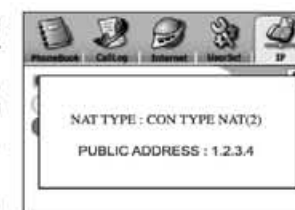
NOTE Since a call by STUN is processed like private network into videophone, that will be not limited into a specific server. However, when connecting to the server supporting private network function, you must configure the IP sharing as 'No Use'.

NOTE IP-sharing router has a variety of operation features upon prodcts, so that it is likely that a call is not available in spite of the above type. In this case, please select 'Exterior IP-sharing router'.

Troubleshooting Guide

Problem	Troubleshooting
I cannot turn on the power	Check if the power cable is correctly connected.
LCD screen is not turned on	Check if the power cable is correctly connected.
I cannot hear any call connection signal from handset.	Check if the handset is connected to the left port of the videophone.
I cannot make an IP call.	Check if the Internet line is connected
	Check if the handset is connected to Internet. Refer to < View Internet Status(p52) >.
	If it is connected to ITSP (Internet Telephony Service Provider) check if the registration lamp turns on. If not, check if the server and user information are correct.
	If it is connected to ITSP the called party may not be registered with the same network.
	If you are calling with IP address, check if the IP address is correct.
	If you are using speed dialing, check if it is correctly registered with a PhoneBook.
	If a called party uses IP videophone installed in a private network or firewall system, it may not be connected.
I cannot make a general call in PSTN mode.	Check if the normal phone line is correctly connected.
	If you are using speed dialing, check if it is correctly registered with a PhoneBook.
Someone calls me but I cannot receive the call.	If the IP videophone is installed in a private network or a firewall system, you may not receive a call.
When I receive a call, the screen is turned on but any ring sound cannot be heard.	Check if the bell sound level is set to more than '1' in User Configuration menu.
The call is connected, but the other party's screen is dark and the sound is very bad.	If the videophone is installed in private network or on firewall, you may not be received the other party's screen.
	Check if a camera is connected to the other party's IP videophone.

Problem	Troubleshooting
The call is connected, I can see the screen, but cannot hear any voice.	Check if the other party's microphone works well.
	Volume up the audio.
The call is connected and I can see the screen and hear the voice, but the other party cannot see and hear me.	Check if the other party's videophone is installed in a private network or a firewall system.
	Check if the audio/video input path is correctly configured in the Setup menu during a call.
	Check if the other party's audio/video device works properly.
The call is connected, and I can see the screen and hear the voice, and the other party can see me but cannot hear me.	Check if the audio input path is configured is correctly configured in the Setup menu during a call.
	Check if the other party's audio device works properly.
The call is connected, and I can see the screen and hear the voice, and the other party can hear me but cannot see me.	Check if the video input path is configured is correctly configured in the Setup menu during a call.
	Check if the other party's video device works properly.
The other party's screen stops suddenly and the voice is not heard any more.	Check if the videophone is connected to Internet properly.
	Check if the other party's videophone has gotten disconnected from Internet before the call is completed.
The browser is not connected to the site I want.	Check if IP setting is correct.
	Check if the DNS server address is correct.
	Your desired site may not be in service.
I cannot connect to a mail server.	Check the Internet environment is correctly configured.
	Check if the DNS server address is correct.
	Check if mail ID and address of POP3 server and SMTP server are entered correctly.
	Check if mail ID and Password are correct.
	The mail server may not be in service.
When the IP videophone is connected to TV set, the images displayed on both screen are different.	When external video output port is connected to TV, a certain image is not displayed on LCD screen of IP videophone.

Warning Messages

The following table describes warning messages and their meanings.

Warning message		Description
Power On	System initialization	System is being initialized.
	Unpacking Image Data...	Image data for GUI is being decompressed.
	Loading DB...	Personal data settings are being loaded.
	Network Setting Error!! Please check setting and reboot.	IP address is not successfully allocated.
Configuring DHCP	DHCP Server not Found!! Connection Time Out	DHCP server cannot be found in the network.
	Connecting to a DHCP Server...	Data is being exchange with DHCP server.
	Fail to get IP address.	I fail to receive IP address from a DHCP server.
Configuring ADSL	Connecting to ADSL Server...	Connection to ADSL server is being made.
	ADSL: Connection Error No response from Server	I try to connect to ADSL server, but any response is not received.
	ADSL: Connection Error!! Invalid Username/Password	I cannot log in to ADSL server. Check user ID and password.
Attempting to make a call	Gatekeeper rejects a call.	Gatekeeper of ITSP's network does not permit call connection, so a call cannot be made.
	Call connection to the other party is not available.	The other party's phone cannot be found.
	The other party rejects a call.	The other party sends call refusal signal.
	Gatekeeper is unreachable.	Gatekeeper of ITSP's network cannot be found.
	Gateway refused the call.	Gateway ITSP's network refuses call connection.
	The other party's phone number is not correct.	The telephone number is not managed by gatekeeper of ITSP's network.

Warning message		Description
Attempting to make a call	The called party's line is busy.	The called party is on another line.
	Unknown Error	Connection to ITSP's network is not available due to unknown error.
	Destination is not registered.	The called party is not registered with gatekeeper of ITSP's network.
	You are not registered.	You are not registered to gatekeeper with gatekeeper of ITSP's network.
	This call is disconnected.	A call is disconnected by the other party or due to server failures.
	Wrong Number	You entered a wrong number.
	Call connection is failed.	The other party's phone cannot be found.
	A new call cannot be connected.	You cannot make a call because a phone has problem. Reboot the phone.
	Another Call In Progress	During a call, you cannot attempt to make a new call.
	Socket Error	A phone has any network error.
During a call session	Audio/Video Connecting...	A call is being connected.
	MUTE	You are in Mute mode.
	PRIVACY	You are in Private mode.
After completing a call	Call log is being recorded.	A recent call log is being recorded.
Setting User Configuration	Please Wait...	User Configuration being loaded or menu being changed.
	Incorrect Password Please enter your password again.	Your password is not correct.
	Initialize system.	All personal information already configured is being initialized.
	Wrong IP Address !!	IP address is not suitable for current input mode.

Guarantee

Your ATL IP400 Videophone is designed and manufactured to exacting quality standards. This enables ATL Telecom Limited to offer a 2-year guarantee from the date of purchase. This guarentee protects against faulty material or workmanship. It applies to the UK only and is not transferable.

The terms and conditions under which the guarantee will be valid are set out below.

- Misuse or any modification carried out to the videophone, or operation other than in accordance with the instructions supplied, will invalidate the guarantee.

- Damage arising from incorrect installation, accidental damage or consequential loss, are not covered under the guarantee.

- In the event of a fault developing during the period of the guarantee, the complete videophone should be returned to your supplier, adequately and safely packed, together with proof of the date of purchase.

- The liability of ATL Telecom Limited will be limited to either the cost of repair or complete replacement of the videophone, at the discretion of the company. In the event that the same model is not available, a suitable alternative will be offered.

- The terms of this agreement do not affect your statutory rights

CE Declaration of Conformity*

ATL Telecom Limited declares that this product is in conformity with the essential requirements of the EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC that encompasses the standards:

EN60950
EN55022
EN55024
EN61000-3-2
EN61000-3-3
EN61000-4-2
EN61000-4-3
EN61000-4-4
EN61000-4-5
EN61000-4-6
EN61000-4-11

*A copy of the Declaration of Conformity is available, upon request, from ATL Telecom Limited.

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