

Simplified User Instructions for Broadband IP videophone

BVP 8770 User's Manual



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1 Getting Started

Overview

Leadtek BVP 8770 is designed to avoid complicated installation. And with the buttons on the keypad, you are able to access the user-friendly on screen display menu (OSD), easily control the functions and make adjustments.

The BVP 8770 has a built-in high quality CCD camera and an active matrix liquid crystal display. Images are transmitted through the Internet at up to 24 frames per second (fps). While making a video call, you can enjoy the brilliant real-time color images of yourself, your correspondents or both. If you do not want your image to display on the caller or receiver's screen, BVP 8770's private mode can do just that.

The BVP 8770 is fully compliant with H.323 international standards for video communication.

Feature highlights:

- Broadband IP address video phone
- Connect the other video phone by simply entering the IP address/number*
- With cover protection and focus
- Adjustment knob
- Friendly and easy operation through keypads
- Phone book dialing function
- 2 A/V inputs & 1 A/V output for additional video/audio input and video/audio output for large display
- Up to 24 frames per second video display (@ CIF resolution)
- Video selectable and picture image up to VHS quality
- Echo-cancellation and no delay high quality audio
- Built-in high quality CCD camera
- High quality TFT LCD display

***Note: To dial a mobile or a telecom numbers, BVP 8770 must work in conjunction with additional accessories, such as the Video Voice over Internet Protocol (VVoIP) service provider.**

What's in the package?



BVP 8770

- BVP 8770 x1
- Handset x1
- User's Manual x1
- Handset Cable x1
- Power Adapter x1
- Power Cord x1
- Ethernet Cable (RJ-45) x1
- Audio/Video Cable x1



Handset



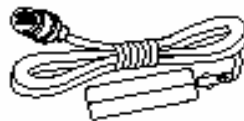
Handset Cable



Ethernet Cable



User's Manual



Power Adapter



Audio/Video Cable



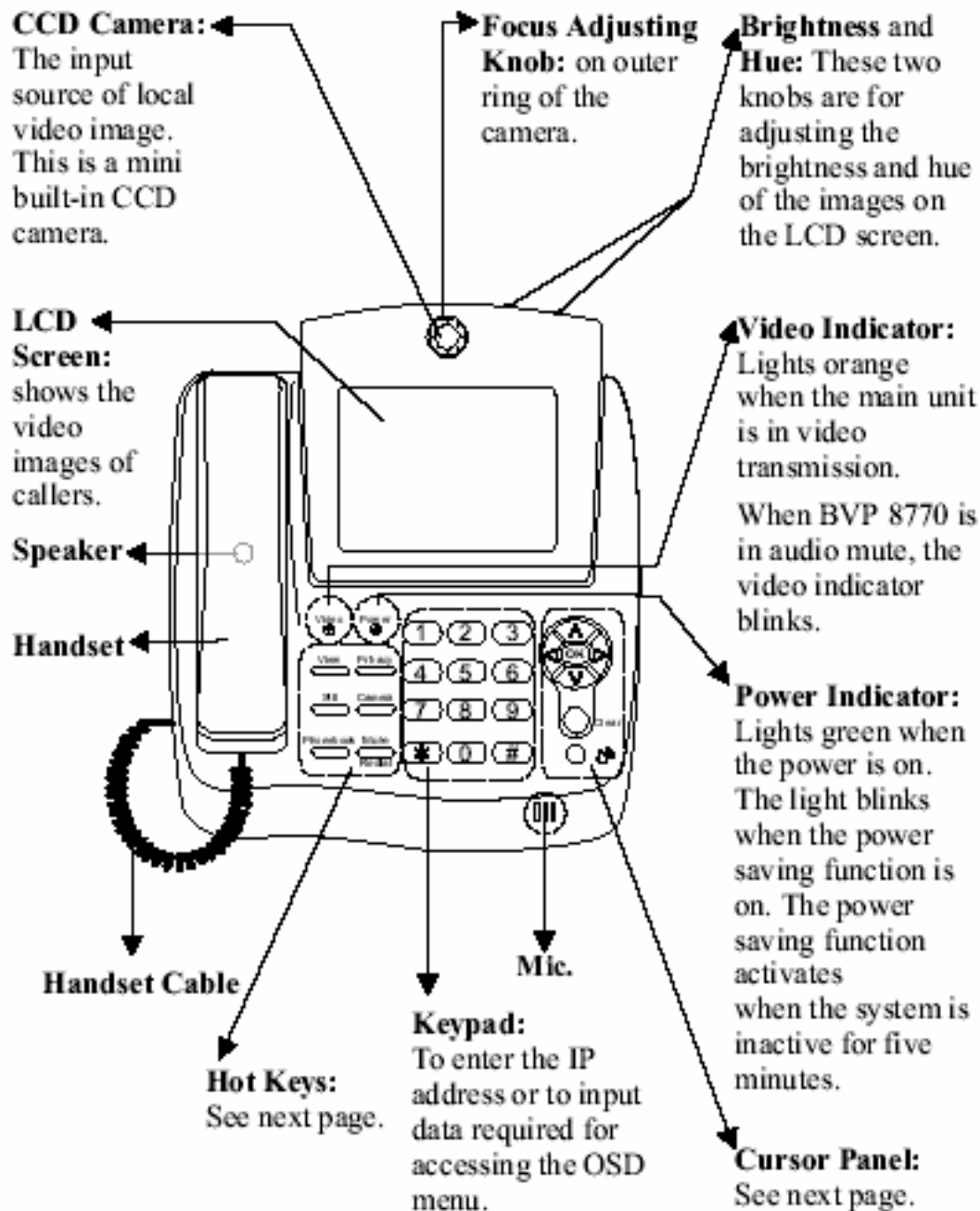
Power Cord



Please unpack the product package with caution; inspect the items closely. If you find any damaged item, please contact your local distributor immediately. Also, please keep the box and packing material for future use in the event of future shipments.

2 Getting to Know Your BVP 8770

Front view



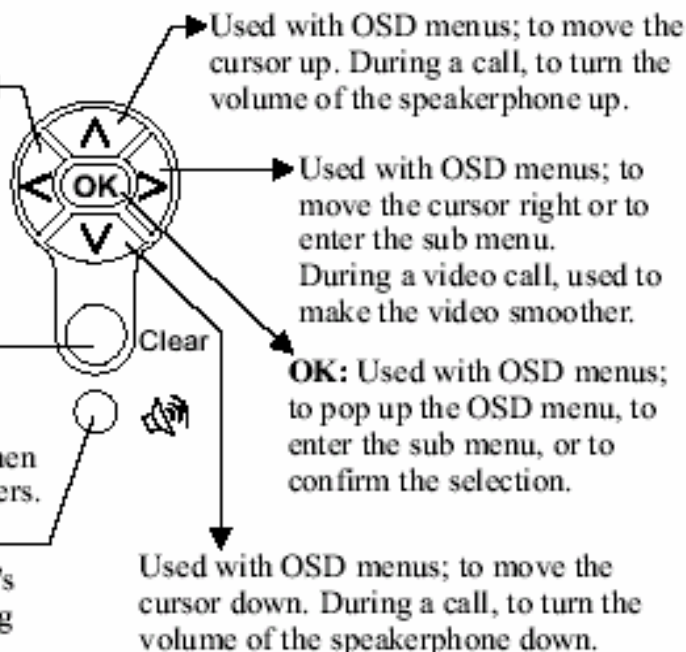
Front view (cont.'d)

Cursor Panel

Used with OSD menus; to move the cursor left or to go back to the previous menu. During a video call, used to make the video sharper.

Clear: Used to go back to the previous menu, or to function as Backspace when you input letters or numbers.

Hands Free: To dial the correspondent's IP address without picking up the handset.



Hot Keys

View: To select how local and remote video is displayed on the screen. The options are: Remote, PIP upper-left, PIP lower-left, PIP upper-right, PIP lower-right, Local. And it switches in that sequence.

Still: To freeze the video image of yourself so that the other party can have a clearer display.

Phonebook:
See page 45.

**Note: To dial phone numbers, BVP 8770 must work in conjunction with additional accessories, such as the H.323 Gatekeeper.*

Privacy: Stop sending your image to the other side so that you will not be seen by the person you talk to.

Camera: To switch between the built-in CCD camera and external cameras connected to BVP 8770.

Mute/Redial: During a video call, this button is used to mute the audio so that you will not be heard by the other party on the phone; when there is no connection, to redial the IP address/number* last dialed.



Front view (cont.'d)

Numeric Keypad

Inputting numbers


Pressing any key on the numeric keypad can input the correspondent number.

For example, pressing  will generate the number " 8 "



Inputting letters

Every button on the numeric keypad has characters printed on it, in addition to the numbers. Number keys from "2" to "9" have English letters on them, so they can be used to input English letters. When inputting data, pressing a key consecutively will generate the letters on it.

For example,  has the number "7" and the alphabets " PQRS " on it.

Pressing this key once will generate the number " 7 ".

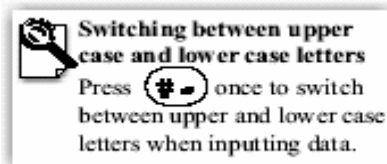
Pressing this key twice consecutively will generate the letter " P ".

Pressing this key three times consecutively will generate the letter " Q ".

Pressing this key four times consecutively will generate the letter " R ".





Pressing this key five times consecutively will generate the letter " S ".

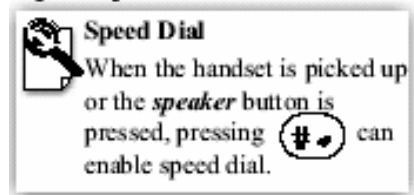
And it will cycle in such order.



Inputting punctuation marks







The keypad provides four punctuation marks: ". " ", " "!" and "; " "

- " . " :  Press twice consecutively;
- " , " :  Press three times consecutively.
- " ! " :  Press twice consecutively
- " ; " :  Press twice consecutively

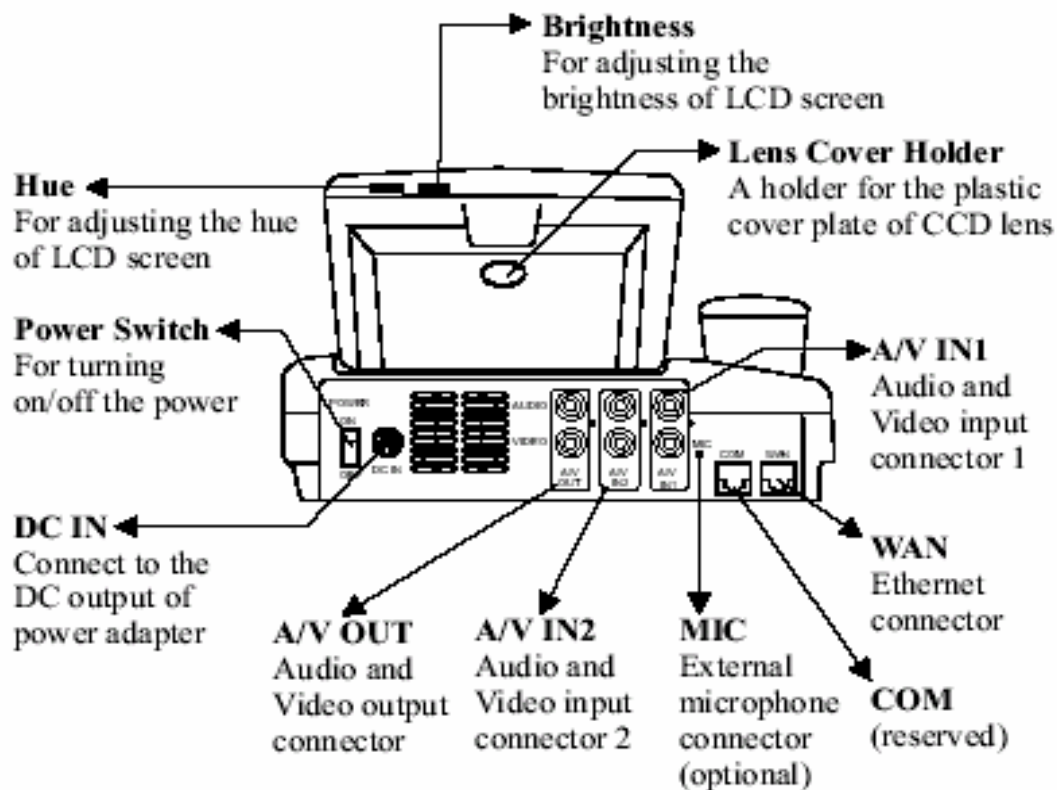


Inputting special characters

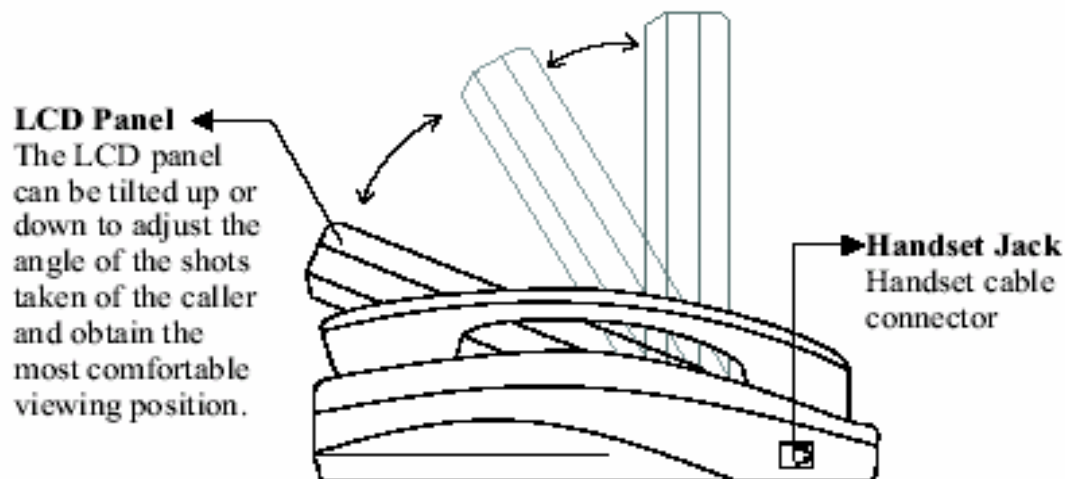
The keypad also provides six special characters: "@ " "_ " "- " "\$ " and "# " "

- " @ " :  Press twice consecutively
- " _ " :  Press three times consecutively
- " - " :  Press four times consecutively
- " * " :  Press once
- " \$ " :  Press 4 times
- " # " :  Press Once

Rear view



Side view



3 Installation

Installing the unit

Step 1 Pick a good spot

Stability

Place your BVP 8770 on top of a counter, desk, or table with the CCD camera opening in front.

Lighting condition

Make sure the lighting is sufficient and does not shine directly into camera lenses.

View of camera

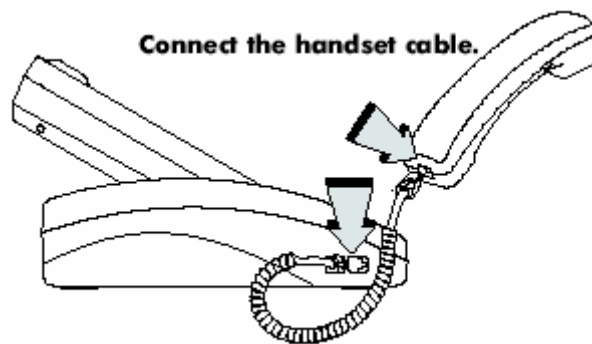
Avoid using BVP 8770 in a room with brightly painted walls or flamboyant wallpaper. Soft and evenly painted background provides the best results.

Prolonging the lifespan

Avoid storing or operating BVP 8770 in abnormal conditions. High temperatures or excessive humidity could cause the unit to malfunction and shorten its useful lifespan.

Step 2 Hook up the handset

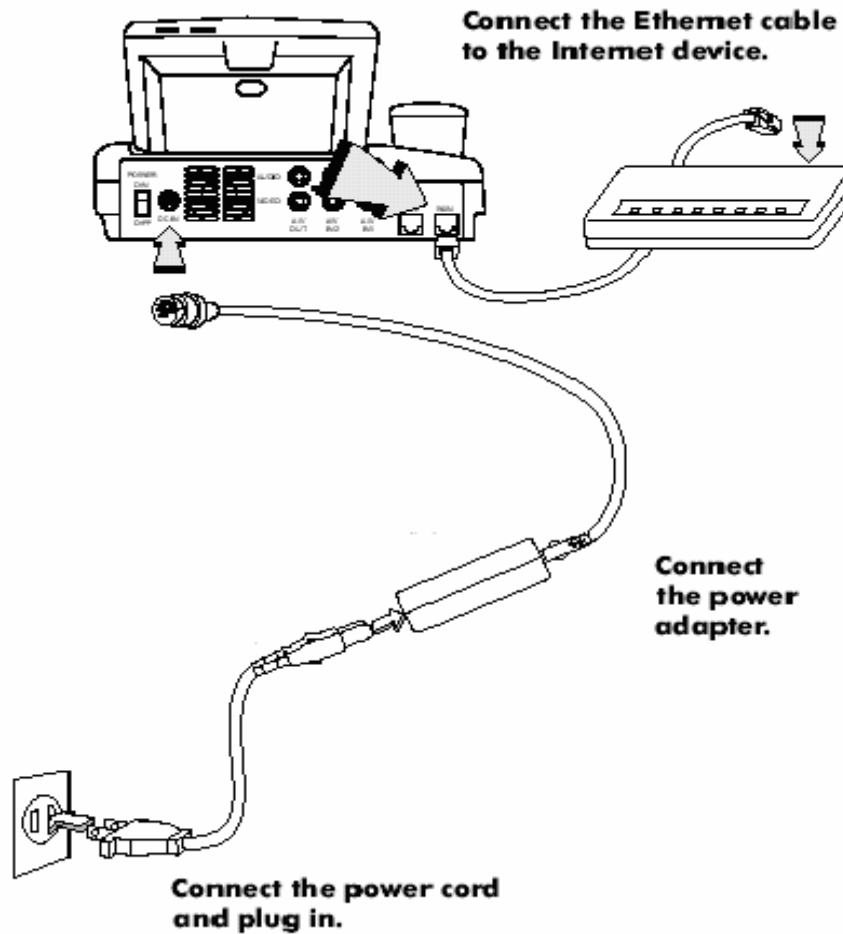
Connect the handset and the BVP 8770 main unit with handset cable.



Installing the unit (Cont'd)

Step 3 Connect the Ethernet cable

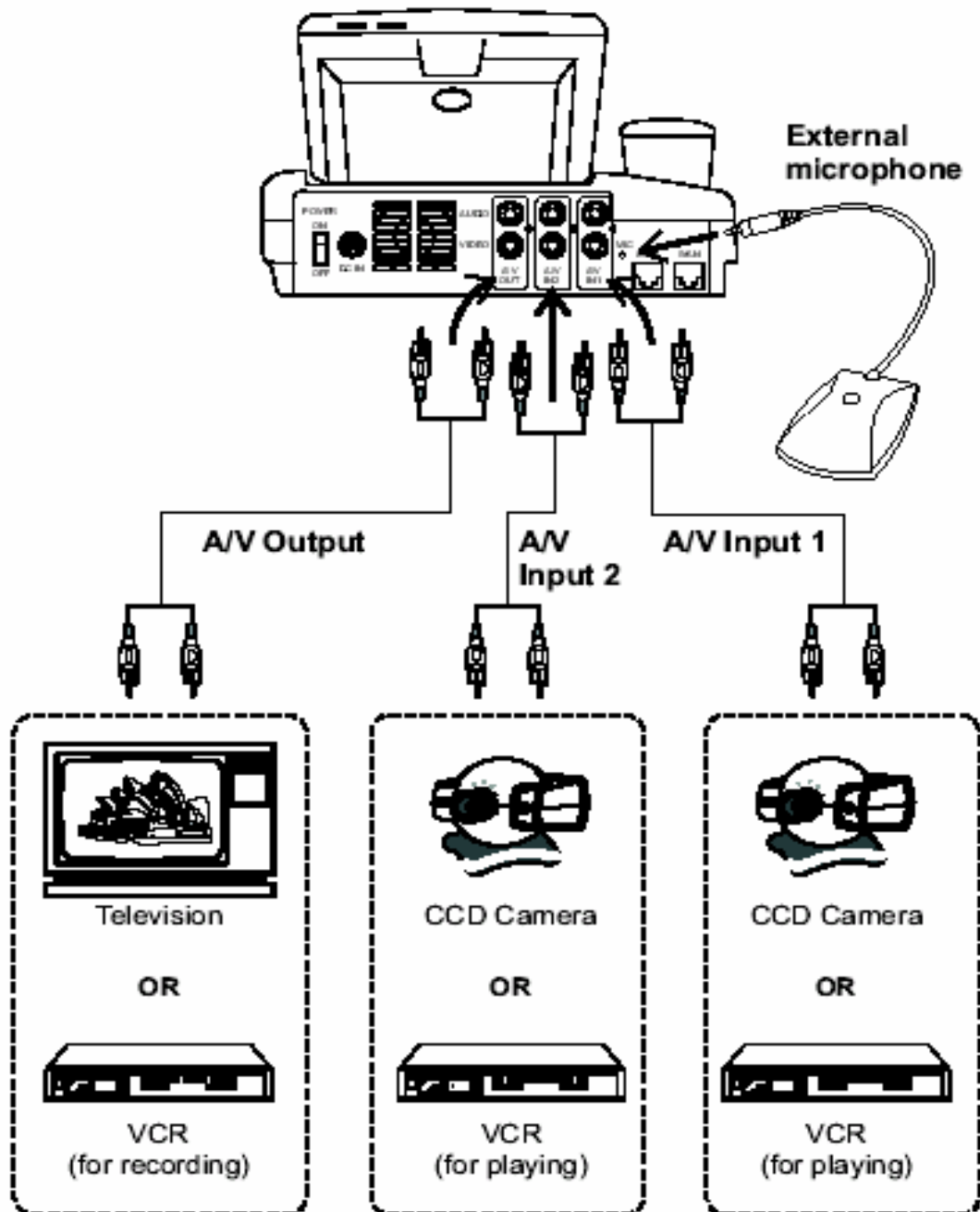
Plug one end of the Ethernet cable in the jack marked "WAN" on BVP 8770. Plug the other end of the Ethernet cable in the RJ-45 jack of the Internet device (hub, router, ATU-R or Cat5E Outlet on wall)



Step 4 Plug in for power

Connect the power cord between the wall outlet and the power adapter. Plug the free end of the power adapter into the power connector (DC IN) on BVP 8770.

Using external devices (Optional)



4 System Setup

The system setup of BVP 8770 provide to you, are preconfigured for the network environment at 11 Gurney Drive. All phone no/ ext are preinstall in to your BVP 8770 for your conveniences (please refer to below Section 5 Making a Call) for how to access/dial the number / ext you require.

5 Making a Call

Before making a video call

Here are a few things you need to consider before making a video call.

- 1** Keep a distance of 0.5 meters away from BVP 8770.



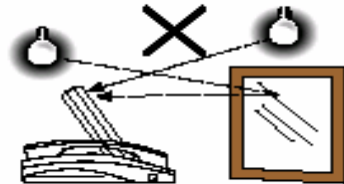
- 3** Avoid having lights behind you that might shine into the camera lens.



- 2** Make sure of the most appropriate lighting source, preferably from the front with the beam on your face.



- 4** Do not point the BVP 8770 at a mirror or bright light.



- 5** Avoid having a lot of movement in the background and try not to move around excessively. Too much movement tends to slow down the frame rate of the video image, resulting in a jerky picture.

- 6** Use the self-view image and focus knob to get the best shot of yourself.



- 7** Adjust the hue and brightness of the screen for best image.



Making a video call

- Step 1 Turn on the power of the unit.
- Step 2 Pick up the handset. Enter the desired number/ extension. When a key is pressed, the image on the LCD screen disappears, and the numbers you input are displayed.
- Step 3 The other party answers the phone, and the video connection is established. You will be able to see the person you are talking to.
- Step 4 To end the connection, simply hang up the handset.
- Step 5 If there is difficulty in making connection, please make sure that BVP 8770 has been properly installed.

Power Saving Mode

The BVP 8770 incorporates a power saving circuit to protect its internal components and extend its service life.

If the BVP 8770 is inactive for 5 minutes, the LCD screen automatically shuts down and goes blank. The power indicator blinks. The image returns to the screen when the handset is picked up or any key is pressed.

***Note: To dial a mobile or any telecom numbers, BVP 8770 must work in conjunction with additional accessories, such as the Video Voice Over Internet Protocol (VVoIP) service provider.**