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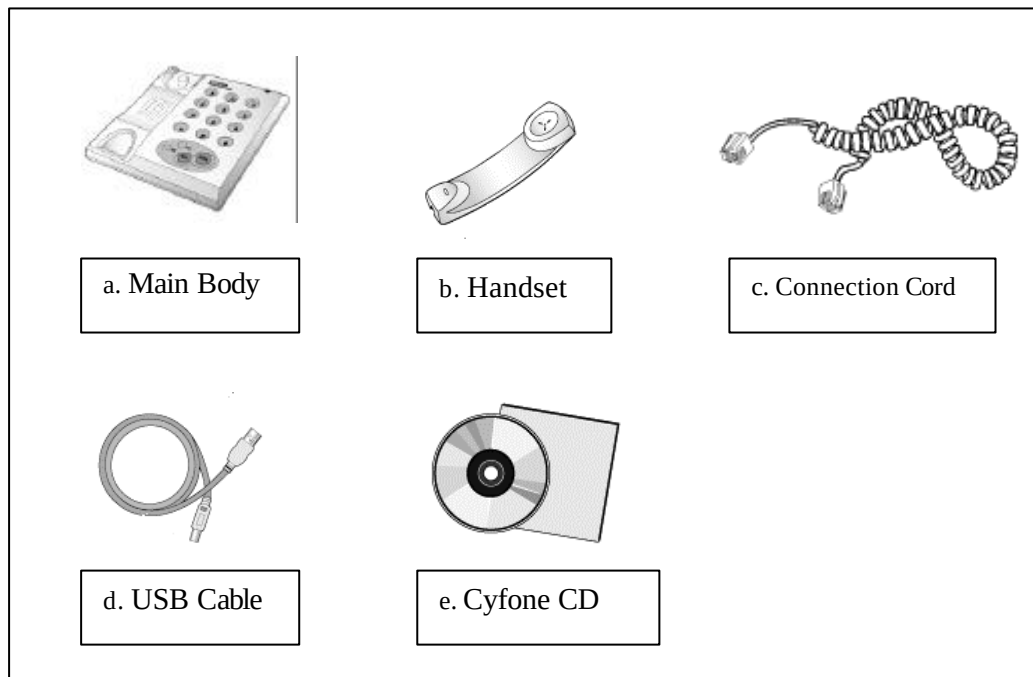
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1. Product Introduction

1-1 Components



1-2 Names and Functions of Parts

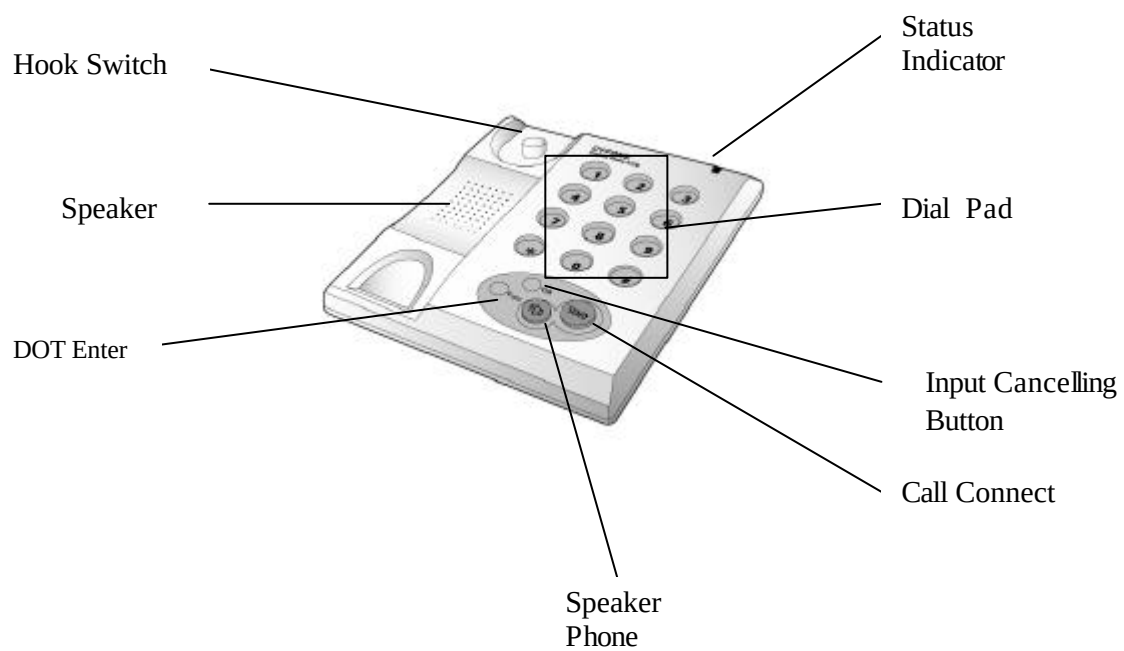


Fig. 2-1 Front View

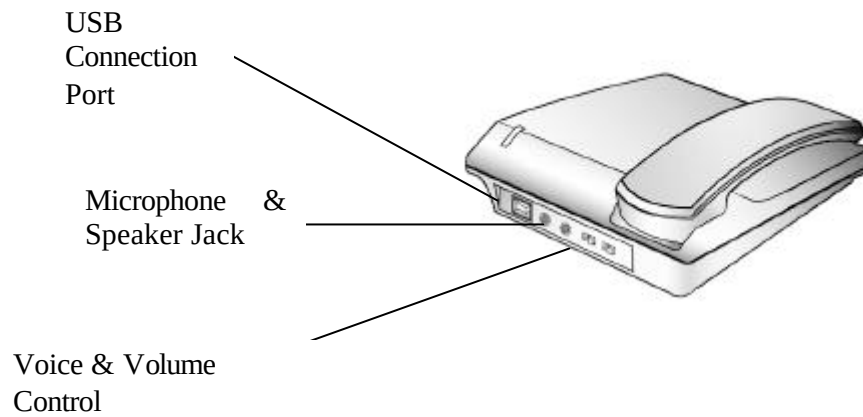


Fig. 2-2 Rear View

◆ **The Function of Each Part (Handset Manual)**

Ring Indicator: Indicates operation status (normal or not) and incoming calls

Key Pad: Dials the telephone

Send Key: Sends a call once telephone number has been entered

Access Key: Press down when using speakerphone

Clear Key: Cancels the last number entered

DOT Key: Enters DOT characters (for IP dialing)

Speaker Jack: Connects to the external speaker or to the hands-free set

Microphone Jack: For hands-free calls

Ring Volume Control Switch: Controls the ringer volume

Voice Volume Control Switch: Controls volume of incoming voice

USB Port: Connection to computers

Connection Cord Jack: For main body and handset

1-3. Safety Introduction

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Compliance Statement

Caution : Any changes or modifications in construction of this device which are not expressly authorized by the party responsible for compliance could void the user's authority to operate the equipment.

Note : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

2. Installation

2-1 Checkpoints Prior to Installation

The Cyfone cannot be used when the system requirements and the network environment are unsupported. Please refer to the following requirements:

A. System Requirements

Description	Basic Requirement
Operating System	Windows 98/SE/ME/2000
CPU	Pentium & above
Memory	32M & above
HDD	Left capacity of 50MB & above
Internet Connection	Dedicated line, ADSL, Cable, ISDN, Modem
Others	MS NetMeeting 3.0 & above USB port support

B. Requirements for the Network Environment

Confirmation on Internet Connection

Internet connection is confirmed when a particular home page is connected and displayed using Internet browsers such as Explorer or Netscape.

Confirmation on Network IP

*Public IP: can be used regardless of whether it is a **Fixed IP or a ***Dynamic IP. As an exception, when there is a firewall, enquiries must be made to the webmaster.

****Private IP (virtual IP): In the case of a private IP, making calls is possible while taking calls might not be possible. As an exception, when there is a firewall, enquiries must be made to the webmaster.

*: Generally, this is applied to companies and cable modems for PC Rooms such as Internet cafés, ADSL, etc. Some B&A methods are provided with private IP's.
**: This is applied when the user IP remains constant (generally for PC Rooms).
***: This is applied when the user IP changes at each Internet connection (ADSL, Cable modem, PPP connection).
****: This is applied when the IP address starts with "1" (1xx.xxx.xxx.xxx) – for shared IP's or certain B&A methods.

2-2 Preparing for Installation

Before connecting Cyfone to a PC, ensure that the program environment is prepared in the following order.

C. Preparation 1: Confirmation on MS NetMeeting Installation

Confirm installation of the MS NetMeeting executing the File or Folder Search Function at the Start. (Confirmation shall be done for the utilized **OS**).

NetMeeting installation can be omitted when MS NetMeeting is installed (as seen in Fig. 4).

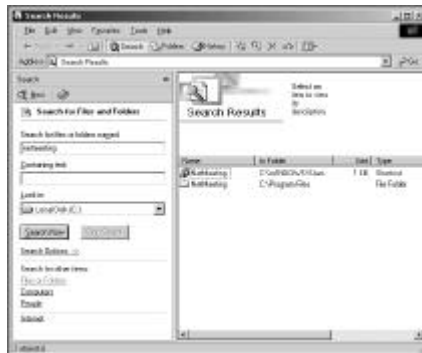


Fig. 4. Screen for the Search Result<WindowsMe>

If MS NetMeeting is not installed, please install it after downloading it from the Microsoft homepage (<http://www.microsoft.com/downloads/search.asp?>).

Installing the NetMeeting

The following screen will appear upon completing the installation of NetMeeting Ver. 3.0 or above if it has not yet been installed.

The following screen is for setting the sound, according to how the user wants it to be done, and to confirm personal information and ensure proper telephone installation.

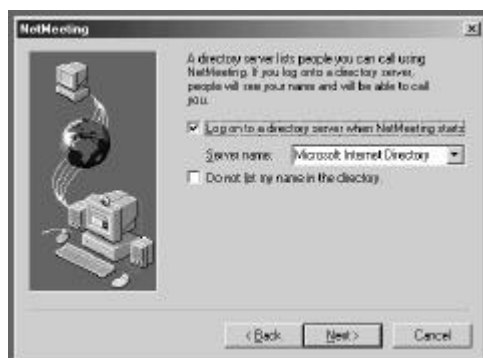
i. Introduction of NetMeeting



ii. Entering Personal Information



iii. Registering Directory Server



iv. Selecting Transmission Speed for Network Connection Line



v. Audio Control Master – controls the volume of the speaker and microphone



vi. Speaker Test



vii. Microphone Test



viii. Completion

2-3. Installation of the Cyfone Execution Program

- 1) **Insert the Cyfone Execution Program into the CD-ROM drive of the PC.**
- 2) **Execute Setup.exe of the CD using the Windows Search.**
- 3) **Select the folder to install the Cyfone Execution Program and then press the Next button. (Default recommended)**
- 4) **And the installation is complete.**

2-4 Connecting the Cyfone Set

- 1) Connect one end of the handset connection cord (RJ-11) to the connection cord jack of the main body of the telephone set (Fig. a), and the other end of the connection cord (RJ-11) to the connection cord jack of the handset (Fig. b).

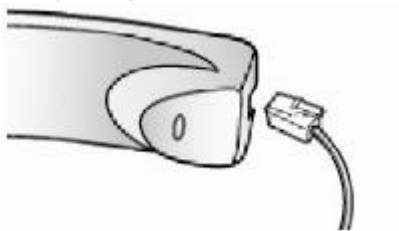
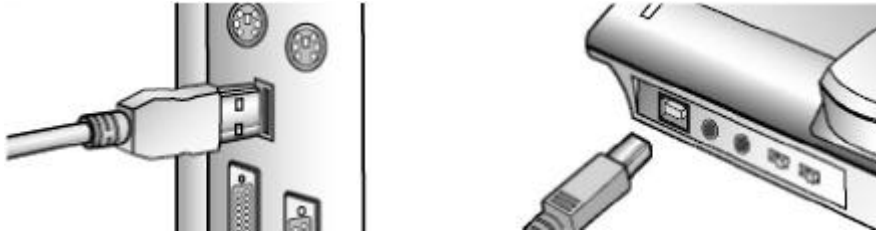


Fig. a



Fig. b

- 2) Connect the B-type connector of the USB cable (d in Fig. 1) to the USB socket on the rear side of the telephone set (b in Fig. 2), and the other end of the USB cable, the A-type connector (d in Fig. 1), to the USB Port of the PC.



2-5. Driver Program Installation

When the telephone is connected to the PC as outlined above, the Cyfone Driver recognition process will automatically begin as follows. The order of the Driver installation may vary according to the types of PC used.

- 1) Installation for USB composite device
 - i. The following screen appears on the monitor when one end of the USB cable is connected to the Cyfone and the other end is connected to the USB port of the PC.



- ii. Clicking the **Next** button will bring forward the following screen.



- iii. If a Windows CD is required, the computer will automatically install the driver when the **Next** button is clicked after specifying where the Windows Installation CD or the Windows Installation Program is located.
- iv. When the installation of the USB combined set is complete, the screen for installation completion will appear as follows:



2) Installation of the USB Human Interface

- i. When the installation of the USB composite device is complete, the following USB Human Interface screen will appear.



- ii. Press the **Next** button and install in the same way as outlined above.



3) USB Audio Installation

- i. The USB Audio is automatically installed in the same way as outlined above.



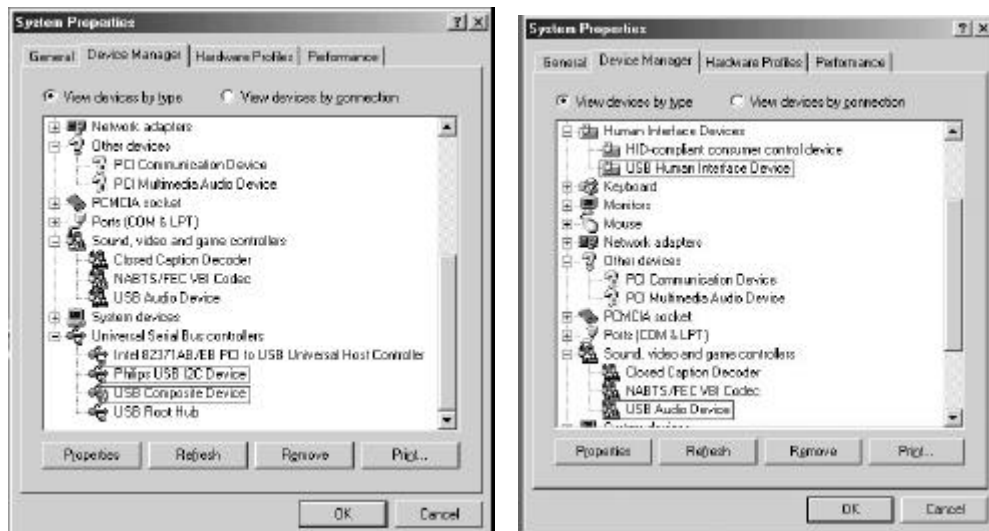
4) I2C Driver Installation



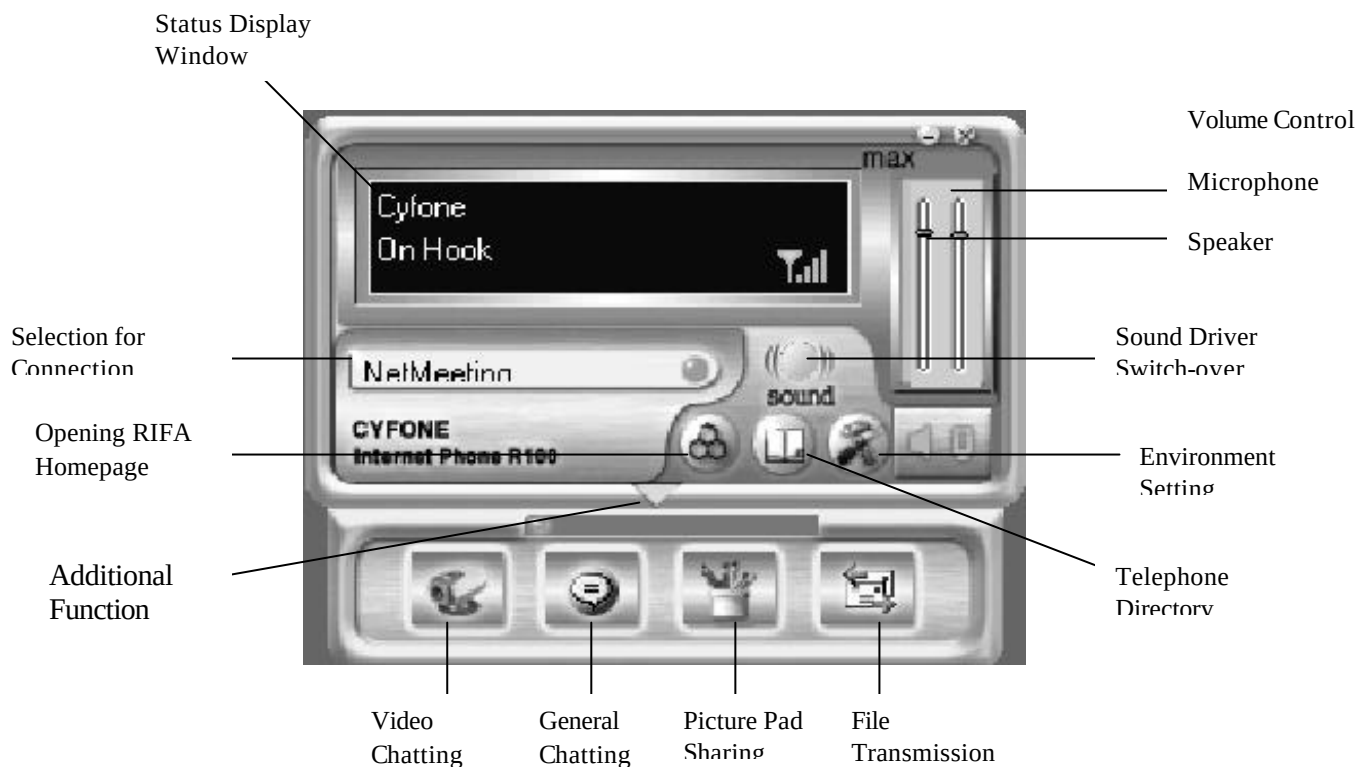
If I2C device is not being installed automatically, select the driver directory where the win98(or win2000) in Cyfone CD

2-6. Check of device installation

After completing of installation, you can see the following devices have been installed into device manager in system properties.



3. Software Overview



4. Making no cost PC-to-PC calls using IP

- 1) Select NetMeeting at the Service Selection
- 2) Pick up the handset, enter other party's IP address, and press 'Send'
- 3) The call concludes once the handset is placed back onto the phone

*** Making Hands-free Calls Using a Headset**

- 1) Connect the headset to the microphone and speaker on the rear side of the telephone set
- 2) Select NetMeeting at Service Selection
- 3) The Cyfone program automatically begins when the 'Access' button of the telephone is pressed
- 4) Enter the IP of the other party and press the 'Send' button
- 5) The call ends once the 'Access' button is pressed again following call completion

Other Additional Functions

Visual call: Visual calls are possible if a camera is connected to the users' PC for PC-to-PC telephone service. Press 'Visual Call' on the Cyfone program.

Chatting while making a telephone call: Press ' Chatting' on the Cyfone program during a telephone call

Explaining to the other party using pictures while making a telephone call: Press ' Picture Pad' on the Cyfone program during a telephone call to display difficult to explain things in the form of a picture.

File Transmission: It is possible to transmit and receive files to and from other PC' s.