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Installing Program

■ System Requirements

1. Computer: Pentium or higher IBM compatibles supporting USB port
2. Memory: 128MB or more
3. Operating System: Windows 98/ME/2000/XP
4. Hard Disk Drive: 1G or more free space
5. Playback: Sound card, Speaker
6. Recording: Sound card, Microphone



Caution

▶ The USB function may not work normally in specific kinds of PC, or some USB hubs which use the power of a PC.

■ Installing Power Voice III

1. Insert Power Voice III Installation CD on your CD-ROM drive.
Program installation starts automatically.



2. Press the NEXT button sequentially as directed on the screen to finish the installation.

Power Voice III icon is created on the Windows desktop and the program is registered on START → PROGRAM.

Installing Program



Note

- ▶ You should restart your PC in order to operate the program normally when the installation has finished.



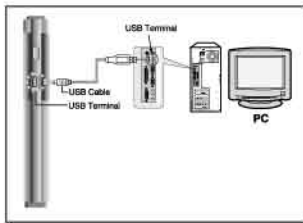
Warning

To avoid the abnormal installing of USB driver, do not connect your voice recorder to the PC before installing Power Voice III.

■ Installing USB driver

● Windows 98/ME/2000

1. Connect the USB cable to the USB port of the PC, when the installation of the Power Voice III has completed.
2. Connect your Voice Recorder with the USB cable connected to the USB port of the PC, the installation of USB driver starts and finishes automatically.



Voice Recorder

Installing Program

● Windows XP

1. Connect the USB cable to the USB port of the PC, when the installation of the Power Voice III has completed.
2. After connecting the USB cable and the recorder, wait for a while. Then the 'Found New Hardware Wizard' message is shown. Select the 'Install the software automatically [Recommended]' then click the 'Next' button.
3. Completing the Found New Hardware Wizard, click the 'Finish' button. Then the USB driver installation is completed.

※ The USB driver installed in the above steps is recognized automatically when you use the program next time, you do not need to install the driver again.

※ Connect your voice recorder to the USB cable after powering on the voice recorder.

Note

- ▶ If the "Cannot find 'CenixFMC 500.inf' file" message is displayed when you install the USB driver, please follow these instructions.
 - 1) Open the Driver folder on the Power Voice III installation CD and select the 'CenixFMC500.inf' file and then press the "OK" button.
 - 2) If the "Cannot find 'CenixFMC 500.sys' file" message is displayed select the Driver folder on the Power Voice III installation CD.
 - 3) Select the 'CenixFMC 500.sys' file.
- ▶ When connecting to the PC with a USB cable, the "PC LINK" message is displayed on the LCD screen.
- ▶ USB Interface function is available only when the power of the voice recorder is enough.

Voice Recorder

Removing Program

■ Removing Power Voice III

● Method 1:

- 1 Select the Power Voice on My Computer → Control Panel → Add/Remove Programs and click the Add/Remove Power Voice III icon to delete the program.
- 2 Choose Remove on the Install Shield Wizard window and click the Next button.
- 3 Click the "OK" icon on the Confirm File Deletion window and click the Finish button then the program is removed.

● Method 2:

- 1 Insert the Power Voice III installation CD into your CD Rom drive. Then the uninstall shield starts automatically.
- 2 Choose Remove on the Install Shield Wizard window.
- 3 Click the "OK" icon on the Confirm File Deletion window and click the Finish button then the program is removed.



Voice Recorder

Screen Structure

■ Starting Program

Double-click the Power Voice III icon on the Windows desktop or click Start → Menu → Power Voice III to open the program.



1 Main Menu

2 Explorer window

3 PC folder window

4 Playback tools

5

Folder, connection status, and upload / download tools

6

Memory Status window

7

Recorder flash window

Voice Recorder

Screen Structure

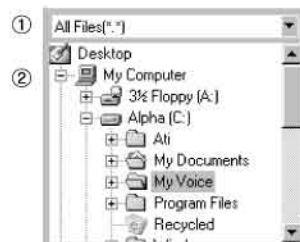
■ Main Menu



- ① **UP**: Returns to the previous position on the explorer window.
- ② **NEW**: Creates a new folder.
- ③ **CUT**: Cuts the folder or file which the user specified and saves to the clipboard temporarily.
- ④ **COPY**: Copies the folder or file which the user specified and saves on the clipboard temporarily.
- ⑤ **PASTE**: Pastes the folder or file which the user copied or cut to the position the user specifies.
- ⑥ **DELETE**: Deletes the selected folder or file. It is moved to the recycle bin.
- ⑦ **REFRESH**: Refreshes and rearranges the contents displayed on the Explorer window.
- ⑧ **VIEW**: Changes the folder or file displayed on the Explorer window to the large icon, small icon, simple, or detail view.
- ⑨ **MAIL**: Sends voice file or other file as e-mail attachment.
- ⑩ **CONVERT**: Changes file type.
(*CV* file \Rightarrow *.WAV file, or *.WAV file \Rightarrow *.CV* file)
- ⑪ **TTS PAD**: Runs the TTS PAD.(This function is only for TTS function supported models. For more information on how to use it, refer to the user manual of TTS PAD.)
- ⑫ **EDITOR**: Runs the Editor with which you edit the *.WAV file saved in the recorder.
- ⑬ **HELP**: Displays help on the main menu of the Power Voice III.

Screen Structure

■ Explorer window



- ① Specifies the file type to display (*.CV*, *.WAV, *.*).
- ② Displays the drives and folders on the computer.

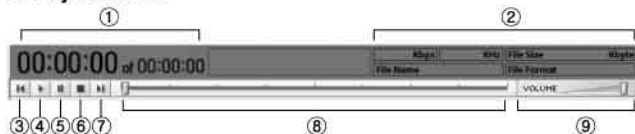
■ PC Folder window

Displays the folders and files on the location you select.

Name	Size	Type	Modified
A001	121 KB	CVS File	2001-07-26 AM 09:53
A002	399 KB	CVH File	2001-07-26 AM 09:53
Lesson1	37,135 KB	Wave Sound	2002-12-22 PM 10:22
Lesson2	37,765 KB	Wave Sound	2002-12-22 PM 10:55

Screen Structure

■ Playback tools



- ① Displays the playback time/recording time of the selected file.
- ② Displays the information on the selected file.
- ③ Moves fast to the previous part from the current position of the file during playback.
One click moves to the previous parts by 3 seconds.
- ④ Plays the selected file.
- ⑤ Pauses playback.
- ⑥ Stops playback.
- ⑦ Moves fast to the next part from the current position of the file during playback.
One click moves to the previous parts by 3 seconds.
- ⑧ Plays progress bar. Indicates the current playback position during playback.
Point to the desired position on the progress bar and click the mouse button to move to and playback from the selected position.
- ⑨ Volume control.

■ Folder, Connection status and Upload/Download tools



- ① Displays the voice files saved in the A folder of the recorder.
- ② Displays the voice files saved in the B folder of the recorder.
- ③ Displays the voice files saved in the C folder of the recorder.
- ④ Displays the voice files and general data saved in the D folder of the recorder.
- ⑤ Displays the MP3 files save in the MP3 folder of the recorder.
- ⑥ Displays the current connection status of the voice recorder and the PC.
- ⑦ Transfers the files saved in the voice recorder to the PC (Upload).
- ⑧ Transfers the files saved in the PC to the voice recorder (Download)

Voice Recorder

Screen Structure

■ Memory Status window



- ① Displays the whole capacity of the memory.
- ② Displays the current memory capacity used in the voice recorder.
- ③ Displays the available memory capacity on the screen.

■ Recorder Flash Window




Displays the files saved in the A, B, C, D or MP3 folder and the name, size, time, type, and date of the files.

Voice Recorder



Uploading Files from Voice Recorder to PC

You can transfer the files saved in your voice recorder to a PC.

1. Connect the voice recorder to the PC and select the folder on the PC to save the transferred files.
2. Select the file(s) to upload to the PC in the Flash window of the recorder.
3. Click the Upload icon (). The selected file(s) is transferred and saved to the PC.



Note

- ▶ Description of file extension
Classified to a *.CV* format according to the recording mode recorded in the voice recorder.
HQ mode: *.CVH SP mode: *.CVS
(The available recording modes vary according to the product model.)



Caution


- ▶ Do not remove the USB cable during transferring or deleting files, and formatting. It may cause a corruption of the memory or the data saved in the voice recorder.
- ▶ Do not turn the PC power off while your voice recorder is connected to the PC. It may cause a corruption of the data saved in the voice recorder.

Voice Recorder



Downloading Files from PC to Voice Recorder

You can transfers the files saved in a PC to your voice recorder.

1. Connect the voice recorder to the PC and select the folder on the voice recorder to download the transferred files to.
2. Select the file to transfer to the voice recorder on the PC folder window.
3. Click the Download icon (). The selected file(s) is transferred and saved to the voice recorder.



Note

- ▶ Only voice files (*.CV* type) can be transferred to the voice folders of the voice recorder.
- ▶ The D folder can save the files of various extensions.
(You can use it as a portable storage device.)
- ▶ Please save MP3 files in the MP3 folder.



Caution

- ▶ Do not remove the USB cable during transferring or deleting files, and formatting. It may cause a corruption of the memory or the data saved in the voice recorder.
- ▶ Do not turn the PC power off while your voice recorder is connected to the PC. It may cause a corruption of the data saved in the voice recorder.

Voice Recorder

Deleting File

■ Deleting file

Deletes the files saved in the PC or voice recorder.

● Deleting files saved in the PC

Method 1 : Select one file or more you wish to delete on the Flash window of the PC and then click the right button of the mouse and click Delete to delete the selected file(s).

Method 2 : Select one file or more you wish to delete on the Flash window of the PC and then press the Delete key on the keyboard to delete the selected file(s).

● Deleting files saved in voice recorder

1. Select the file you wish to delete on the Flash window of the voice recorder.
2. Press the right button of the mouse and click Delete to delete the selected file.

Note

- ▶ According to memory capacity of the voice recorder or condition of the PC, deleting time can be varied.



Caution

- ▶ The file(s) you deleted on the Flash window of the voice recorder cannot be recovered and is also deleted from the voice recorder. Make sure to decide carefully and check the file(s) you select to delete.

Voice Recorder

Deleting File

■ Formatting

Deletes all the files saved in the voice recorder.

1. Press the right button of the mouse on the Flash window of the voice recorder.
2. Click the Format icon to delete all the files saved in the voice recorder.



Note

- ▶ According to file size or condition of the PC, formatting time can be varied.



Caution

- ▶ The deleted files cannot be recovered. Please backup important files.
- ▶ Do not remove the USB cable during transferring or deleting files, and formatting. It may cause a corruption of the memory or the data saved in the voice recorder.
- ▶ Do not turn the PC power off while your voice recorder is connected to the PC. It may cause a corruption of the data saved in the voice recorder.

Voice Recorder



Using as External Device (USB Storage Function)

■ Using the D folder as an External Device (USB Storage Function)

The method of transferring files between the PC and the voice recorder is same with the case of voice file.

Note

- ▶ The files being used in the PC cannot be uploaded/downloaded (Example: *.EXE, *.DLL, other files being used).
- ▶ Since there is no limit in the name, extension, and type of the files to save in the D folder, you can save voice files to it. However, we recommend to save voice files to the A, B, or C folder for better and easier management.
- ▶ Downloaded files to the D folder cannot be played on the voice recorder.
- ▶ The product shares a specific amount of memory with voice file, therefore, the capacity of the D folder is determined according to the size of the voice file.
- ▶ For efficient use of the D folder, compress the files to save.

Voice Recorder



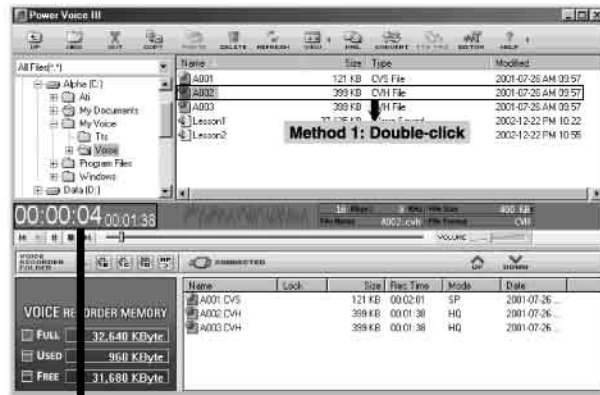
File Playback

■ Playback

You can listen to the voice file saved in the PC using the speaker of the PC or earphone.

Method 1 : Select the file you wish to playback on the PC folder window and then double-click to start playback.

Method 2 : Select the file you wish to playback on the PC folder window and then press the playback icon (▶) to start playback.




Method 2: Select the file, and press the playback icon

Voice Recorder

File Conversion/Reverse Conversion

■ Converting File (*.CVS,CVH → *.WAV)


Converts *.CVS,CVH file to *.WAV file.

1. Select the file you wish to convert on the PC folder window.
2. Press the CONVERT () button of the main menu.
3. The Convert Dialog window is displayed and the selected file is converted to the *.WAV file. Then it is saved to the current folder.



■ File Reverse Conversion

Converts *.WAV file to *.CVS file.

1. Select the file you wish to convert on the PC folder window.
2. Press the CONVERT () button of the main menu.
3. Then the selected file is converted to the *.CVS file and saved to the current folder.

Note

- ▶ The conversion is of loss compression, therefore the conversion or reverse conversion of more than one time may cause damage to the clearness of original sound. Avoid frequent conversion or reverse conversion. If necessary, keep the original file separately.
- ▶ According to file size or condition of the PC, converting time can be varied.

*.CVT file cannot be converted.


Sending Mail

You can send voice file or other file as e-mail attachment.

■ When sending *.CV* file as e-mail attachment

.CV file is converted to *.WAV file and the converted file is attached to e-mail.
Method 1

Converts *.CV* file to *.WAV file and attaches to e-mail.

- ① Select the file you wish to send as e-mail attachment on the Flash window of the PC.
- ② Click the MAIL icon () on the main menu.
- ③ The Converting box appears and the selected file is converted.
- ④ When converting has finished, the Send Mail window appears.

After writing the mail, press the Send button to send the voice file you attached via e-mail.

Method 2

Attaches *.CV* file to e-mail without converting.

- ① Select the file you wish to send as e-mail attachment on the Flash window of the PC.
- ② Click the right button of mouse select Send To → Mail Recipient.
- ③ When the Send Mail window appears, write the mail, and then press the Send button to send the voice file you attached via e-mail.


Note

- ▶ If the mail recipient doesn't have the Power Voice III, it is impossible to listen to the attached *.CV* file.
- ▶ Sending mail is available only when you connected to the Internet.




Using Editor

The Editor edits the file you recorded using the voice recorder and uploaded to the PC.

Opening Editor

Choose a file that you want to edit and click the EDITOR icon () on the main menu of the Power Voice III.

Playback


1. Select the file you wish to playback.
2. Press the PLAY () button on the playback tool bar to playback the selected file.
3. Press the STOP () button to stop the playback and press the PAUSE () button to stop the playback temporarily.

 Note

- ▶ If you wish to playback only a specific section, set it as the editing block and click the PLAY button.

Using Editor

Recording (Creating a New *.WAV file)


1. Connect a microphone to the microphone jack on the sound card of the PC.
2. Click the New () button, a dialog box is displayed as shown in the following figure.



Recording Mode	
HQ	High quality recording mode
SP	Standard recording mode

3. Select the HQ or SP and click the OK button.
4. The New Graph box appears. Click the Recording button to start recording.
5. When the recording is completed, click the STOP button.

Adding Recording to the existing *.WAV file

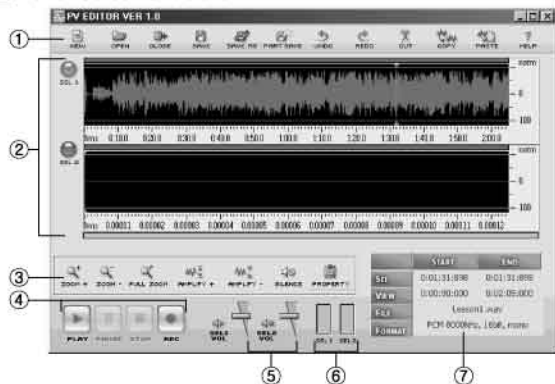
1. Connect a microphone to the microphone jack of the sound card of a PC.
2. Select the position to add an additional recording.
3. Press the Recording () button to start recording.
4. When the recording is completed, press the STOP button.

 Note

- ▶ Additional recording is available in two modes, Record Mix and Record Clear.
For the difference between them, refer to the description of the Property button on the Additional Editing Tool Bar (See page 24, Record Style).

Using Editor

Editor Screen Structure



①	Main menu	⑤	Volume control
②	Data Graph box	⑥	Volume Height Display
③	Additional Editing tool bar	⑦	File Information box
④	Playback/Recording tool bar		

Using Editor

Main Menu

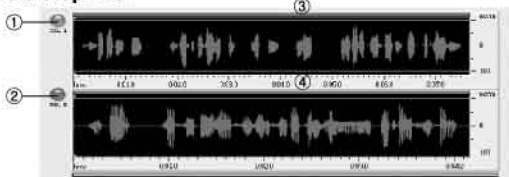
You can create a new file, open an existing file, save, cut, copy, paste the file content by using the Main Menu.



- ① **NEW:** Creates a new *.WAV file.
If you click the NEW icon, a dialog box appears. Set the Frequency, Channels (mono, stereo), Bit (8/16 Bit) in the dialog box to create a new *.WAV file.
- ② **OPEN:** Selects the file you wish to edit.
Loads the selected file on the SEL1 or SEL2.
- ③ **CLOSE:** Closes the current file opened on the SEL1 or SEL2.
- ④ **SAVE:** Saves the file edited on the SEL1 or SEL2.
- ⑤ **SAVE AS:** Saves the file on the SEL1 or SEL2 as a different file.
- ⑥ **PART SAVE:** Saves only the block selected on the SEL1 or SEL2 as a different file.
- ⑦ **UNDO:** Cancels the current changes and return to the very previous state.
- ⑧ **REDO:** Performs again the work you have undo.
- ⑨ **CUT:** Cuts the part you selected from the file.
- ⑩ **COPY:** Saves the selected part to the memory temporarily.
- ⑪ **PASTE:** Pastes the data saved in the memory temporarily to the position you selected.
- ⑫ **HELP:** Displays help on the Editor.

Using Editor

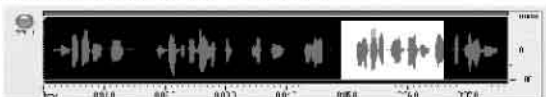
■ Data Graph Box



- ① When opening a file, its entire waveform is displayed by SEL1 with fitted to the width of SEL1. Click the mouse left button and drag to the left or the right to set the selection (editing block).
- ② The Red button indicates the disabled state. The Blue button indicates the enabled state.
- ③ Drags to the left or the right with the mouse left button is hold down to view the waveform of the previous or next data.
- ④ Displays the time, minute, second of the file to edit in the unit of millisecond. Drag to the left or the right with the mouse left button is hold down to expand the selection.

The time is displayed as follows:

Example) 1 minute 05 second → 1:05.000



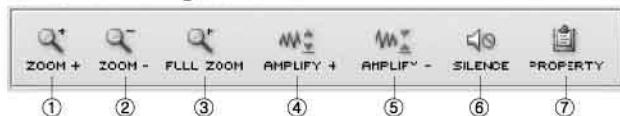
Note

- ▶ Specifying Editing Block (Selection): Drag to the left or the right with the mouse left button is hold down on the Data Graph box or the Whole File View box. The editing block (selection) is specified and is displayed in white color.
- ▶ Releasing Editing Block: Click the mouse left button on the current editing block

Voice Recorder

Using Editor

■ Additional Editing Tool Bar



- ① Sets the editing block and click the ZOOM+ button to enlarge it with fit to the width of the Data Graph box.
- ② Reduces the size of the editing block on the Data Graph box you have enlarged with ZOOM+ button
- ③ Displays the Graph Box in the full screen mode.
- ④ Amplifies the sound when it is too low and the displayed waveforms are almost horizontal (when there is almost no distinctive waveforms).
- ⑤ Lowers the sound when the sound is too loud and the displayed waveforms fills the Data Graph box too tightly.
- ⑥ Selects the desired part (set the editing box) and clicks the SILENCE button to mute the selected block during playback.
- ⑦ Displays the following dialog box.



Play Style : Sets the playback style.

- Play to end : Playbacks the whole data from its first to end.

- Normal : Playbacks the selected range.

Record Style : Sets the recording style.

- Record Clear : When recording, deletes the existing data and records only the current data.

- Record Mix : When recording, mix the current data with the existing data to create a composite sound.

Paste Style : Sets the data pasting method.

- Add Paste : Adds the clipboard data to the existing data.
- Mix Paste : Mixes the clipboard data to the existing data to create a composite sound.

Voice Recorder

Using Editor

■ Playback/Recording Tool Bar



- ① **Play** : Plays the selected file.
- ② **Pause** : Stops playback temporarily.
- ③ **Stop** : Stops playback.
- ④ **Recording** : Saves as *.WAV type file. You can select a frequency band you wish.

■ Volume



- ① Volume control for SEL1 during playback and recording.
- ② Volume control for SEL2 during playback and recording.

■ Volume Height Display



- ① Displays the height of the sound source of the file being played back on the SEL1.
- ② Displays the height of the sound source of the file being played back on the SEL2.

■ File Information Box

	⑤ START	⑥ END
① SEL	0:01:31:898	0:01:31:898
② VIEW	0:00:00:000	0:02:05:000
③ FILE	Lesson1.wav	
④ FORMAT	PCM 8000kHz, 16bit, mono	

- ⑤ The start position to you clicked the mouse left button to set the editing block on the Data Graph box.
- ⑥ The last position of you clicked the mouse left to set the editing block on the Data Graph box.
- ② ⑤ The start position displayed on the Data Graph box.
- ② ⑥ The last position displayed on the Data Graph box.
- ③ The name of the file loaded on the Data Graph box you are pointing to with the mouse.
- ④ The type of the file loaded on the Data Graph box you are pointing to with the mouse.



Safety Instructions

- These instructions describe the precautions and about how to deal with the product to prevent personal injury or property loss. Please read the following safety precautions carefully.
- Keep this instruction in the place which you can find easily whenever you need.

※ Warning and Caution



Warning

▶ This symbol indicates that personal injury may occur or the product may be damaged when you fail to follow the given instruction.



Caution

▶ This symbol indicates that property loss may occur or the product may malfunction when you fail to follow the given instruction.



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Precautions

● Precautions for use of the product

Do not install the product in a place exposed to these conditions:



High temperature (above 40°C)
Poorly ventilated or closed
(car inside, especially summer)



Much moisture (humidity, above 75%)
Dusty place



Make sure not to place cash cards
or pass cards, susceptible to magnetic
influences, near to the speaker of the
product.



Do not clean using chemicals
such as alcohol, benzene, or sinner, etc.



Place the battery in a location that
your children or infants cannot access to.



Do not drop down any materials on the
product or impact against the product.



Do not impact against the LCD of the product.

※ Does not have any responsibility for property loss due to your use of the product even if you use the product correctly. Also does not have any responsibility for demanding any compensation from others.

※ Does not have any responsibility for memory data corruptions and resulted property loss due to product malfunction or fault, repair, and/or other reasons.

Voice Recorder



Precautions

● Precautions for use of the battery



Make sure to use the specified standard
battery. ('AAA' Alkaline battery)



Do not impose heat on it. Do not
disassemble or short-circuit. Otherwise,
it may cause damages or malfunctions
to the product.



Do not mix a new battery with the old one.



Do not place the metals such as coins
and keys with the battery. Otherwise,
it may cause a fire due to frictional heat.



Make sure that the polarities are correct
when inserting a battery.



Place the battery in a location that your
children or infants cannot access to.



Make sure to remove the battery when you
do not use the product for a long time.



Warning

- When your skin or clothes is stained with electrolyte:
Wash them with clean water immediately.
When your skin has been hurt, make sure to consult your doctor.
- When electrolyte enters your eye:
Do not rub your eye. Wash it with clean water
immediately and make sure to consult your doctor.

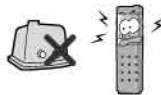


Precautions

● Safety Precautions



If the product smokes or any modification occurs due to heating, remove the battery immediately.



Do not use the product in an airplane or a place where electronic devices should not be used.



Do not use earphone during driving or walking. Otherwise it may cause a traffic accident.



Do not listen to with a loud volume. Otherwise it may damage your hearing. Control the volume again.



Do not disassemble the product arbitrarily.

Voice Recorder



Product Features

■ Compact Size

Handy to carry due to compact size and light-weight.

■ Adapting flash memory

Recorded sound is preserved even if the power is cut off.

■ Automated Power Break

Automated power break reduces battery consumption.

■ VOS(Voice Operated Recording System)

Recording is proceeded only when voice is emitted to reduce the memory usage.

■ EL Lighting

You can see the message on the LCD screen even if the place is dark.

■ Easy-to-use folder/file management

You can easily manage the files by grouping and saving them into the voice, MP3, data folders.

Usage	Folder	Number of Saved Files
Voice	A, B, C	100 per folder
Data	D	Within available memory
MP3	MP3	Within available memory

■ Portable External Storage Device

D folder can be used for a USB storage drive.

■ MP3 Playback Function

You can listen to the saved MP3 files.

■ EQ(Equalizer) Function & User EQ Function

You can listen to a MP3 file in the Flat, Pop, Classic, Jazz, Rock or User EQ mode.

■ Receiving and Recording FM Radio

You can receive and record an FM radio.

■ 3 Available Frequency Band

You can change the frequency band according to your area.

■ Telephone Recording

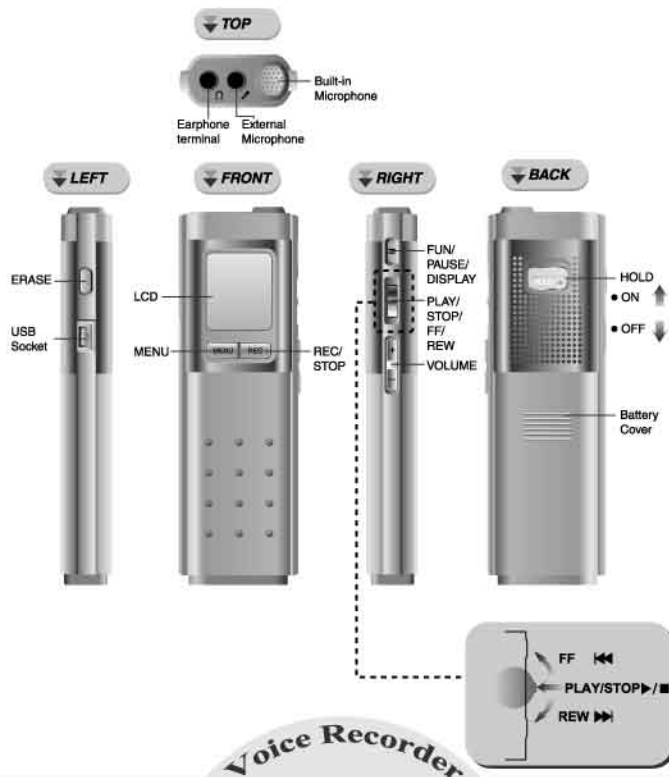
You can record telephone conversations.

■ Easy and Quick USB Interface

You can transmit data in your voice recorder to your PC with a USB cable easily and quickly.

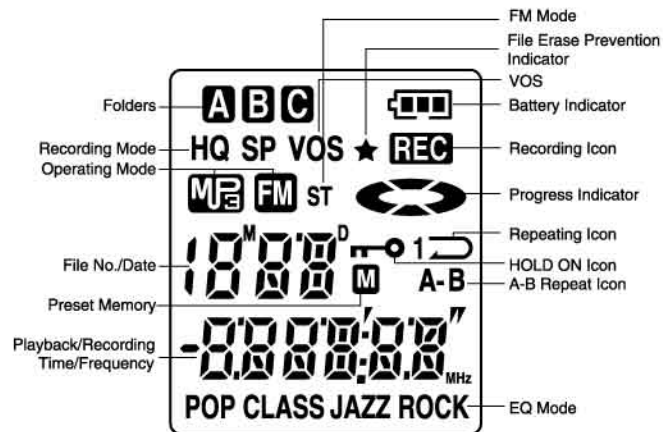
Voice Recorder

Names of Parts



7

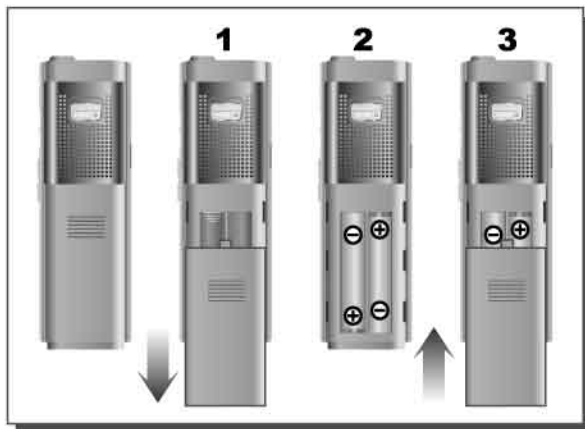
Description of LCD



8

Before Using

■ Inserting Battery



1. Push the battery cover slightly and slide it in the arrow direction.
2. Insert two "AAA" alkaline batteries. Make sure that the polarities (+, -) are correct.
3. Close the battery cover.



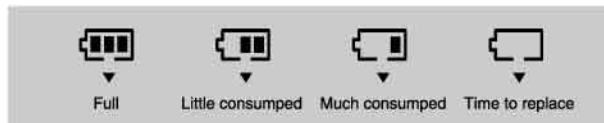
Warning

- ▶ Make sure to replace the batteries in stop mode.
- ▶ Make sure that the polarities (+, -) are correct.
- ▶ Do not mix a new battery with old one.

Voice Recorder

Before Using

■ Battery Usage Icon



Note
"LO Batt" is displayed when the voltage is low due to consumption.

■ Battery Lifetime ("AAA" Alkaline)

Battery	Recording Mode	FM Mode	Playback with Speaker (VOL.10)	Playback with Earphone (VOL.10)
"AAA" Alkaline	HQ:18Hours SP:12Hours	16Hours	16Hours	20Hours

Note

- ▶ Battery lifetime is subject to battery type and the volume you use.
- ▶ Recharged battery drops down the playback time remarkably and the product may not operate normally.
- ▶ The power is turned off automatically for efficient use of the battery if you do not use the product for more than 1 minute.
- ▶ When you do not use the product, set the HOLD switch to ON to prevent unwanted consumption of the battery due to misuse of the buttons.

Voice Recorder



Before Using

■ Powering On/Off








1. Set the HOLD () button to OFF (HOLD OFF).
2. Press the **F/D** FUN/PAUSE/DISPLAY () button shortly once to turn the power on.
3. Press the **F/D** FUN/PAUSE/DISPLAY () button longer once to turn the power off.



Note

- ▶ The power is turned off automatically if there is no operation for 1 minute.
- ▶ In HOLD ON mode, HOLD is displayed and the power is not turned on.
- ▶ The power is also turned on pressing the REC/STOP () button or the PLAY/STOP () button shortly once.

■ Button Functions

- MENU (): Selecting folder, mode and VOS function
- REC/STOP (): Recording and Stop
- REW/PLAY/STOP/FF (): Rewind/ Playback/ Stop/ Fast forward
- HOLD (): Button hold on/off to prevent unwanted operations
- **F/D** FUN/PAUSE/DISP (): Selects functions (VOICE/MP3/RADIO), stops playback/recording temporarily, and turns the power on.
- VOL. (): Volume control.
- ERASE (): Deleting recorded files.



Voice Recorder

Before Using



■ Setting Date/Time

1. Turn the power on and press MENU () button longer once on stand-by mode.



2. Set the year

Select a year you want using the FF/REW () button when the "--y" message blinks on the LCD screen and press the MENU () button shortly once. The year you selected is set and the mode changes to the mode you can set a month.


3. Set the month

Select a month you want using the FF/REW () button when the "1M" message blinks on the LCD screen and press the MENU () button shortly once. The month you selected is set and the mode changes to the mode you can set a day.



4. Set the day

Select a day you want using the FF/REW () button when the "1D" message blinks on the LCD screen and press the MENU () button shortly once. The day you selected is set and the mode changes to the time mode you can set the 12H/24H mode.



5. Set the 12H/24H mode

Select the 12H/24H mode using FF/REW () button when the "12" message blinks on the LCD screen and press the MENU button shortly once. The 12H/24H mode is set and the mode changes to the mode you can set a time.

6. Set the time


Select the time you want using the FF/REW () button when the "12" message blinks on the LCD screen and press the MENU () button shortly once. The time you selected is set and the mode changes to the mode you can set a minute.

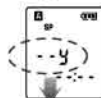
7. Set the minute.

Select the minute you want using the FF/REW () button when the "00" message blinks on the LCD screen and press the MENU () button shortly once to set the minute you selected.

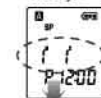
The time setting is completed and the product changes to the standby mode.

Note

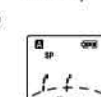
- ▶ When setting date and time, if you do not press any button for more than 20 seconds or you press the MENU () button longer, the date and time you have set is canceled and the mode changes to the standby mode.
- ▶ On FM mode, Setting Date/Time is unable.



Set the year



Set the month and the day



Set the 12H/24H mode





Set the time and the minute

Voice Recorder

Using Voice Recorder

■ Recording

Records voice or sound.

1. Turn the power on and press the REC/STOP () button shortly once.
2. Press the REC/STOP () button again shortly to stop recording.



Note

- If the recording source is shorter than 2 seconds, it is not recorded.
- Volume control is disabled during recording.
- If the number of the files is more than 100 for a folder, FULL is displayed and recording is disabled.



<When the number of files is more than 100>

- When the recording time is over, FULL is displayed and recording is disabled (See the specifications).



<When you fail to record due to recording time>



Caution




- ▶ Try a test recording first to prevent recording failure.

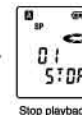
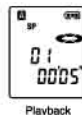
Voice Recorder

Using Voice Recorder

■ Playback

You can hear the recorded sound using the built-in speaker or earphone.

1. Select the number of the folder or the file you wish to playback (See page 15 and 24).
2. Control the volume using the VOLUME () button.
3. Press the PLAY/STOP () button shortly once to playback the selected file.
4. Press the PLAY/STOP () button shortly again to stop playback.



PLAY



STOP




Warning







- ▶ Do not listen to recorded files with a loud volume. Otherwise it may damage your hearing.
- ▶ Start from a low volume, and then set the volume to an appropriate level.

Voice Recorder

Using Voice Recorder

■ Moving to/Scanning/Selecting File (FF/REW)

You can move to, search, or select a file using the FF/REW () button.

- Moving to the previous or next file: Press the FF/REW () button shortly during playback.
- Scanning file : Press the FF/REW () button longer during playback.
During the first 10 seconds: The playback time is increased or decreased by second.
After 10 seconds: The playback time is increased or decreased by 10 seconds.
Selecting the previous or next file: Press FF/REW () button shortly in the stop state.
- Selecting the previous or next file: Press FF/REW button shortly in the stop state.
- ◆ When you want to listen to the recorded sound from the 30-minute position on the fourth of 5 recorded files:
 1. Move to the fourth file by pressing the FF/REW () button shortly in the stop mode.
 2. Press the PLAY/STOP () button.
 3. Press the FF/REW () button longer to move fast to a position.
Fast forward/rewind works while you are holding it down.
When moved to the 30-minute position, stop holding it down and playback starts from the position you stop.



Voice Recorder

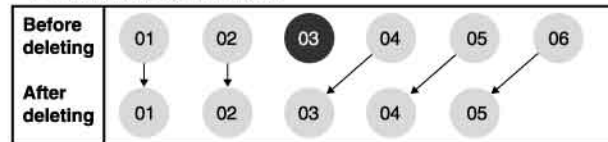
Using Voice Recorder

■ Deleting Recorded Sound


Deletes the sound recorded in the product.

- Deleting one file
Deletes one file in the recorded sounds.
The file numbers are decreased by one after deleting file.

▶ When deleting the number 3 file:




* The number 4 file is moved to the number 3 file automatically.

1. Select the file to delete in stop mode.
2. Press the ERASE () button more than one second.
The ERASE message blinks and the first 5 seconds of the recorded file are played back.
3. Press the ERASE button shortly again to delete file.



Note

- If you press other button except the ERASE () button, file deletion is cancelled.
- If you do not press any button for 10 seconds the ERASE function is released automatically.
- File Erase Prevented file is not deleted when you delete one file or all files in one folder.
- All recorded files even including "File Erase Prevented" files is erased, after formatting.



Caution




- ▶ The deleted recording file cannot be recovered.
Please make sure to decide carefully and check the file(s) you select to delete.

Voice Recorder

Using Voice Recorder

● Deleting all files in a folder




Deletes all the recorded files saved in a folder.

1. Select the folder to delete (See page 24).
2. Press the ERASE () and REC/STOP () buttons at the same time in stop mode for more than 1 second. The ALL ERASE message blinks on the LCD screen.
3. Press the ERASE () button again shortly to delete all files in the folder.



● Formatting

Deletes all recorded files in the product.

1. Press the ERASE () and REC/STOP () buttons at the same time in stop mode for more than 4 seconds. The ALL CLEAR message blinks on the LCD screen.
2. Press the ERASE () button shortly again to delete all recorded files saved in the product.



Note

If the product operates normally (for example, the buttons do not work.), format the product as directed above and the product will operate normally.



Caution

- ▶ The deleted recording file cannot be recovered. Please make sure to decide carefully and check the file(s) you select to delete.

Voice Recorder

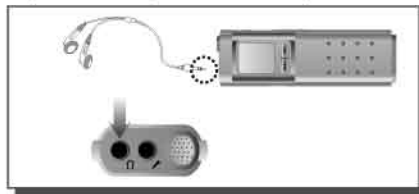
Using Voice Recorder

■ Playback Functions

● Recording Monitoring

Records the sound with hearing the recording sound using an earphone.

Connect an earphone to the earphone terminal of the product.



● Recording Pause

Stops the recording temporarily.

1. Press the [E]/[D] FUN/PAUSE/DISP () button shortly once to pause a recording.



2. Press the [E]/[D] FUN/PAUSE/DISP () or REC/STOP () button shortly once to start recording again.

Note


- ▶ When 30 minutes are passed after you paused, the power is turned off automatically.


Voice Recorder

Using Voice Recorder

● Index Added Recording







Adds the indexing number (file number) of the file being recorded.

Press the FF () button during recording, the file number of the file being recorded is increased and saved automatically.

◆ When you press the FF () button and record for 30 minutes after recording for 30 minutes starting from the number 1 file, the sound is recorded in the number 1 file for 30 minutes and in the number 2 file for 30 minutes.

● Checking Current Time and Remaining Time

Displays the current time and accurate available recording time remained.

1. Press the  /  FUN/PAUSE/DISP () button longer during recording.
2. Press the  /  FUN/PAUSE/DISP () button shortly once, then current time displays.
3. And press the  /  FUN/PAUSE/DISP () shortly once again, currently available recording time in the current recording mode displays for 10 seconds.

Note


▶ You can check the available recording time only during recording.

Voice Recorder

Using Voice Recorder

■ Playback Functions

● Volume Control

Controls the volume using the VOL. () button.
The range is between 0 and 20.

● Pause

Stops the playback temporarily.

1. Press the  /  FUN/PAUSE/DISP () button shortly once during playback.
2. Press the  /  FUN/PAUSE/DISP () button shortly again to continue playback.



Note

▶ If there is no operation for 30 minutes after the product paused, the power is turned off automatically.

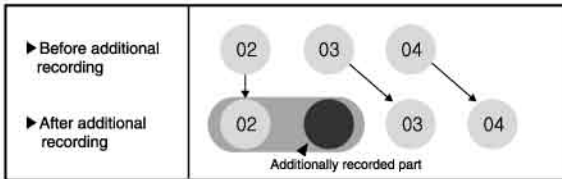
Voice Recorder

Using Voice Recorder

• Additional Recording

Records additional sound at the end of the file being played back.

During playing back file # 2 start an additional recording



1. Press the REC/STOP () button longer once during playback.
2. The Add-R message is displayed and the additional recording starts.
3. To stop additional recording, press the REC/STOP () button shortly once.



◆ When you want to add an additional recording to the number 2 file:

1. Press the FF/REW () button to search the file # 2.
2. Press the PLAY/STOP () button to playback the file.
3. Press the REC/STOP () button longer more than 1 second during playback.
4. The ADD-R message is displayed and the sound is recorded and added to the end of the number 2 file.
5. Press the REC/STOP () button to stop the additional recording.

• Resume

Playbacks from the position you stopped when you stopped playback.

◀ Note ▶

- ▶ If you press other button than the PLAY/STOP () button after stopping playback, the file is played back from the first position.

Voice Recorder

Using Voice Recorder

• Scan and Playback

The first 5 seconds of each files are played back one by one.

1. Press the PLAY/STOP () button longer more than 1 second in the stop mode or during playback.
2. The SCAN message is displayed on the LCD screen and the first 5 seconds of the recorded files are played back in the order.
3. Press the PLAY/STOP () button shortly once to stop scan and play.



• Repeating A-B Section

Repeats playback for a specified section.

1. Press the MENU () button shortly once on the first position of the section you wish to repeat during playback, the position A is set.
2. Press the MENU () button shortly once on the end position of the section you wish to repeat during playback.
The position B is set and then the A-B section is played back repeatedly.
3. Press the PLAY/STOP () button to release repeating section.



◀ Note ▶

- ▶ After selecting the position A, if you do not select the position B, the end position of the file is set to the position B.

Voice Recorder

Using Voice Recorder

- Repeating File (One File Repeat)
Repeats the selected file continuously.

1. Press the MENU (MENU) button longer during playback to repeat playback.
2. Press the MENU (MENU) button longer once again to release repeating file.



- Checking Current Time and Remaining Playback Time
Shows current time and remaining playback time.

1. Press the [F]/[D] FUN/PAUSE/DISP (FUN/PAUSE/DISP) button longer once during playback.
2. Current Time and Date, remaining playback time and currently playing back time displays in order.

Voice Recorder

Using Voice Recorder

■ Setting Menu

- Setting Recording Mode

You can record in appropriate mode you want according to your situation.

1. Press the MENU (MENU) button shortly once in stop mode.
2. Select one option of HQ and SP using the FF/REW (FF/REW) button and press the MENU (MENU) button shortly once to set the selected recording mode.



Recording Mode	
HQ	High quality recording mode
SP	Standard recording mode

☞ Note ☜

- ▶ The HQ mode has better recording quality than SP mode.
- ▶ Recording time means the available maximum recording time.
If you have recorded to the maximum recording time on the number 1 file in the HQ mode, no more can be recorded and you must delete the recorded files in order to record again.(See page 16-17)

- Selecting Folder

You can save a file in one of A, B, C folders.

1. Press the MENU (MENU) button shortly twice in stop mode.
2. Select a folder using the FF/REW (FF/REW) button.
The folder changes in the order of A → B → C by each press.



Voice Recorder

Using Voice Recorder

● Setting microphone sensitivity

You can record in appropriate mode of HI or LOW mode according to your situation.

1. Press the MENU (MENU) button shortly three times.
2. Select HI or LOW using the FF/REW (FF/REW) button.



HI	Quiet place (when recording a lecture)
LOW	Noisy place

● Setting VOS (Voice Operated Recording System)

Recording is proceeded only when sound is emitted. It reduces memory usage.

1. Press the MENU (MENU) button shortly four times.
2. Select ON or OFF using the FF/REW (FF/REW) button.



Note

- ▶ The battery consumption in the VOS ON mode is the same with other mode. When the battery runs out the power is turned off automatically.

Voice Recorder

Using Voice Recorder

● File Erase Prevention Function

This function prevents files from being erased due to unwanted operations.

1. Press the MENU (MENU) button shortly five times.
2. Select ON or OFF using the FF/REW (FF/REW) button.



Note

- ▶ File Erase Prevented file is not deleted when you delete one file or all files in one folder.
- ▶ All recorded files even including Erase Prevented files are erased, after formatting.

● Repeating folder playback

Playbacks all the files in a folder repeatedly.

1. Press the MENU (MENU) button shortly six times.
2. Select ON or OFF using the FF/REW (FF/REW) button.



Voice Recorder

Using Voice Recorder

■ Editing

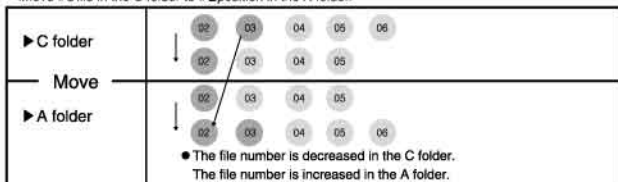
● File Moving

You can move a message file from one folder to the other.

1. Play the file you want to move.
2. Press the [E]/[D] FUNC/PAUSE/DISP ([MENU]) button at any point of the file.
3. Press the MENU ([MENU]) button longer once to move the file.
4. Press the MENU ([MENU]) button shortly three times then the OFF MOV message is displayed.
5. Select a folder between A, B and C with the FF/REW ([RECALL]) button and press the MENU ([MENU]) button shortly once to move the file.



<Move #3 file in the C folder to #2 position in the A folder>



☞ Note ☜

- ▶ After moving completing file moving, the file is deleted at the original folder or file location.



Caution



- ▶ All editing operation operates in pause mode only.
- ▶ If the memory capacity is not enough, editing is impossible and the CANNOT message is displayed.
- ▶ If the number of the files is more than 100 for a folder, FULL is displayed and recording is disabled.
- ▶ Please do not remove batteries during editing. The file may not playback properly.
- ▶ When the LO BATT is displayed on the LCD, please change the batteries. To edit stably, editing operation does not work.

Voice Recorder

Using MP3 Function

■ Switching to MP3 function

Press the [E]/[D] FUNC/PAUSE/DISP ([MENU]) button shortly once in the power-on state to switch to the MP3 function.



☞ Note ☜

- ▶ Switching to the Voice, MP3, or Radio function is available only in the stop state.

■ Playback

You can listen to MP3 file saved in the product.

1. Select a file that you want to playback and press the PLAY/STOP ([RECALL]) button shortly once.
2. Press the PLAY/STOP ([RECALL]) button shortly once again to stop playback.




☞ Note ☜




- ▶ To save MP3 files, please refer to the Power Voice III manual.

Voice Recorder

Using MP3 Function

■ Scanning File (FF/REW)

Using the FF/REW () button, you can move to the file you want.

- Moving to the previous or next file: Press the FF/REW () button shortly during playback.
- Scanning file: Press the FF/REW () button longer during playback.
For the first 10 seconds: The playback time is increased or decreased by second.
After 10 seconds: The playback time is increased or decreased by 10 seconds.
- Selecting the previous or next file : Press FF/REW () button shortly in the stop state.



■ Deleting MP3 File

You can delete the MP3 files saved in the product.

● Deleting one file




Deletes one file in the recorded sounds.



1. Select the file to delete in stop state.
2. Press the ERASE () button longer once. The ERASE message blinks and the first and end 5 seconds of the recorded file are played back.
3. Press the ERASE () button shortly again to delete file.

● Deleting all files in a folder.

Deletes all the recorded files saved in a folder.

1. Press the ERASE () and REC/STOP () buttons at the same time in stop mode for more than 3 seconds.
The ALL ERASE message blinks on the LCD screen.
2. Press the ERASE () button again shortly to delete all files in the folder.



Note

- ▶ If you press other button except the ERASE button, file deletion is cancelled.
- ▶ If you do not press any button for 10 seconds the ERASE function is released automatically.



Caution


- ▶ The deleted recording file cannot be recovered. Please make sure to decide carefully and check the file(s) you select to delete.

Voice Recorder

Using MP3 Function

■ MP3 Playback Functions

● Volume Control

Controls the volume using the VOL. () button.
The range is between 0 and 20.






Warning

- ▶ Do not listen to the recorded files with a loud volume. Otherwise it may damage your hearing.
- ▶ Start from a low volume, and then set the volume to an appropriate level.

● Pause

Stops the playback temporarily.

1. Press the [F]/[D]FUN/PAUSE/DISP () button shortly once during playback MP3 file.
2. Press the [F]/[D]FUN/PAUSE/DISP () button or PLAY/STOP () button shortly once again to continue playback.



Note


- ▶ If there is no operation for 30 minutes after the product paused, the power is turned off automatically.

Voice Recorder

Using MP3 Function

● Scan and Playback

The first 5 seconds of each files are played back one by one.


1. Press the PLAY/STOP () button longer than a second during playback or stop mode.
2. The SCAN message is displayed on the LCD and the first 5 seconds of the recorded files are played back in the order.
3. Press the PLAY/STOP button shortly once to stop scan and playback.



● Resume



Playbacks from the position you stopped when you stopped playback.

Note

- ▶ If you press other button than the PLAY/STOP () button after stopping playback, the file is played back from the first position.

● Repeating File (One File Repeat)

Repeats the selected file continuously.

1. Press the MENU () button longer once during playback.
2. Press the MENU () button longer once again to release file repeating.







Voice Recorder

Using MP3 Function

■ Setting Menu

● Setting EQ(Equalizer)

You can select an appropriate mode according to music file type you wish to playback.




1. Press the MENU () button shortly once.
2. Select ON using the FF/REW () button and choose POP/CLASSIC/JAZZ/ROCK using FF/REW () button.
3. Press the MENU () button once again to finish setting EQ.



OFF ▶ POP ▶ CLASSIC ▶ JAZZ ▶ ROCK
ON





■ Setting BASS (User EQ)

You can set Low sound(BASS) for 5 steps.

1. Press the MENU () button shortly twice.
2. Select EQ OFF using the FF/REW () button and press the MENU () button shortly once.
3. The BASS is displayed and set Low sound(BASS) level from 1-5 using the FF/REW button.

■ Setting TREBLE(User EQ)

You can set High sound(TREBLE) for 5 steps

1. Press the MENU () button shortly three times.
2. Select EQ OFF using FF/REW () button and press the MENU () button shortly once.
3. The TREBLE is displayed and set Low sound(BASS) level from 1-5 using the FF/REW () button.






Voice Recorder

Using MP3 Function

● Repeating folder playback

Plays all the files in a folder continuously.

1. Press the MENU () button shortly once.
2. Select ON using the FF/REW () button and press the MENU () button shortly once to finish setting repetition.



Using Radio Function

■ Switching to Radio Function

Press the F/P () FUN/PAUSE/DISP () button shortly twice to switch to the Radio function in the stop state after turning the power on.



▶ Note

- ▶ Switching to the Voice, MP3, or Radio function is available only in stop state.


■ Scanning Frequency

Scans the frequency of the broadcast you wish to listen to.

● Auto Frequency Scanning

Press the FF/REW () button longer while listening to a radio broadcast.




● Manual Frequency Scanning

Press the FF/REW () button shortly once while listening to a radio broadcast.

Using Radio Function

■ Using Frequency Preset Memory

Memorizes the frequency of the current broadcast to your desired frequency memory number.

1. Press the MENU () button longer once while listening to a radio broadcast, the SAVE blinks on the LCD screen.
2. Select your desired frequency memory number using the FF/REW () button.
3. Press the MENU () button longer once again to save the current broadcast frequency to the selected number.





 Note 


- ▶ You can save up to 20 frequencies.

■ Listening to Preset Frequency

You can listen to the frequency broadcast saved with the preset number.

1. Press the PLAY/STOP () button longer once while listening a radio broadcast.
2. The Preset number blinks on the LCD screen.
3. Select your desired number using the FF/REW () button to listen to a preset broadcast.

 Note 




- ▶ When there is no saved number, this function does not work.
- ▶ If the preset numbers which have no saved frequency are not displayed on the LCD screen when selecting a number with the FF/REW () button.

Voice Recorder

Using Radio Function

■ Deleting Preset Frequency

You can delete a preset frequency.



1. Select the number you wish to delete using the FF/REW () button.
2. Press the ERASE () button longer once, the ERASE is displayed on the LCD screen.
3. Press the ERASE () button shortly once to delete the frequency of the selected number.

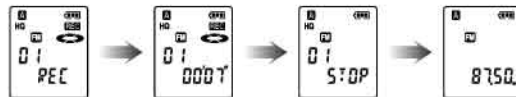


Deleting preset # 2

■ Recording Broadcast

Records the broadcast you are listening to.

1. Press the REC/STOP () button longer or shortly once to start recording while listening to a broadcast.
2. Press the REC/STOP () button longer once to stop recording.



 Note 

- ▶ If the recording source is shorter than 2 seconds, it is not recorded.
- ▶ Volume control is disabled during recording.
- ▶ The recorded broadcast is saved in the A folder.

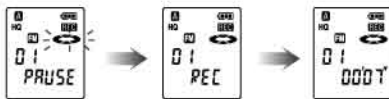
Voice Recorder

Using Radio Functions

■ Pausing Recording

You can stop recording temporarily.

1. Press the [F]/[D] FUN/PAUSE/DISP () button shortly once to stop recording temporarily.
2. Press the [F]/[D] FUN/PAUSE/DISP () button shortly once to resume recording.



Note

- ▶ After pausing, the power is turned off automatically if you do not press any button for 30 minutes.



Caution

- ▶ Try a test recording first to prevent recording failure.




Voice Recorder

Using Radio Functions

■ Setting Menu

● Setting Mono(MO)/Stereo(ST) mode

You can change to the Mono or Stereo mode while listening to a radio broadcast.

1. Press the MENU () button shortly once.
2. Select OFF(Mono)/ST(Stereo) using the FF/REW () button and press the MENU () button shortly once.






OFF(Mono)



ST(Stereo)

● Setting Area

You can change the frequency band according to your area.

1. Press the MENU () button shortly once.
2. Select your area using the FF/REW () button and press the MENU () button shortly.



Note

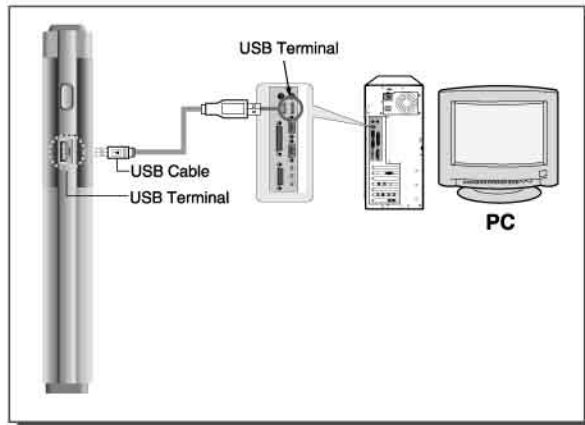
Available frequency band according to area.

Area	Frequency Band	Mobile Frequency Unit
USA /Korea	87.5 MHz - 108.1 MHz	100 KHz
Europe	87.5 MHz - 108.1 MHz	50 KHz
Japan	76.0 MHz - 108.1 MHz	76.0 MHz - 90.0 MHz : 100 KHz 90.0 MHz - 108.1 MHz : 50 KHz

Voice Recorder

USB Interface

You can connect the product to your PC with a USB cable and transmit data between them. For more information on how to transmit data, refer to the user manual of Power Voice III.



Note

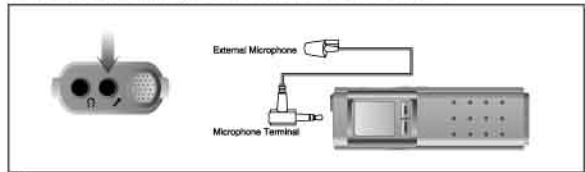
- ▶ When you connect the product to your PC with a USB cable, the PC LINK is displayed.
- ▶ USB Interface function is available only when the voice recorder is powering on.

Voice Recorder

Connecting to External Device

- Recording Using External Microphone
You can also record by connecting an external microphone you purchased separately to the microphone terminal of your recorder.

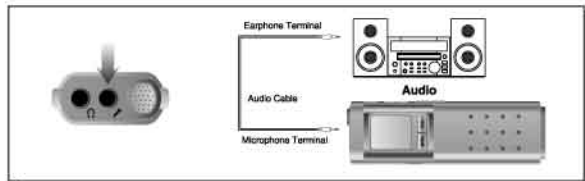
If you fix an external microphone onto your collar, you can act freely and you can record more clear sound when you come near to the source of sound.



■ When recording the sound of an external device to your recorder

You can record the sound of an external sound device to your recorder.

1. Connect the output terminal (earphone terminal) of an external device and the microphone terminal of the recorder with an audio cable you purchased separately.
2. Control the volume of the external device property. If the volume of the device is loud, the sound may be distorted when you playback the recorded sound..
3. Press the playback button of the external device and then press the REC/STOP (REC) button of your voice recorder.



Note


- ▶ The sound is recorded in mono mode. You can check the recording status using an earphone.

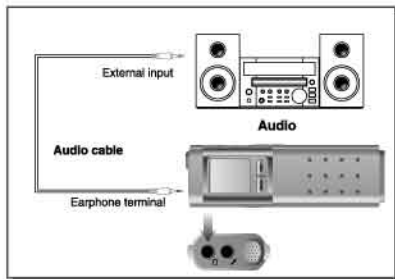
Voice Recorder

Connecting to External Device

■ When recording the sound recorded in your recorder onto an external device

You can transmit the sound recorded in your recorder onto an external device.

Connect the earphone terminal of your Voice recorder and the input terminal (microphone terminal) of an external device with an audio cable you purchased separately. Then, press the PLAY/STOP () button of your Voice recorder and press the RECORD button of the external device.




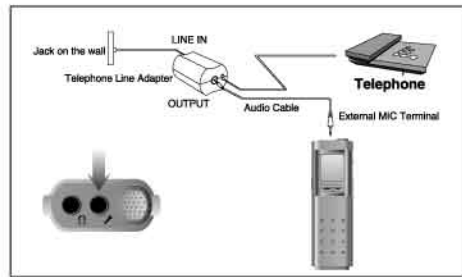
Note

- ▶ Please test before recording.
- ▶ Please control the recording volume with the volume control of the external device.

Voice Recorder

Telephone Recording

Connect an adaptor for telephone recording (you purchased separately) and the cable as shown in the following figure. Press the REC/STOP () button to record telephone conversations.



Note

- ▶ If you record telephone conversations in VOS ON mode, the voice may stop temporarily. We recommend to record in VOS OFF mode.
- ▶ If several telephones are connected to a telephone line, the voice of the opposite person may be recorded in low volume. We recommend to connect a single telephone to a line.



Caution

- ▶ The telephones which does not meet the standard of modular jack of the digital telephone available in the digital communication are not supported.

Voice Recorder

Troubleshooting

※ When you encounter any problem, check the following items.

Symptom	Cause	Action
Nothing is displayed on the LCD screen.	Check whether the battery runs out.	Replace the battery with a new one.
	Check whether the polarities are correct.	Make sure that the polarities are correct.
Cannot record.	Check whether the HOLD button is set to ON.	Set the HOLD button to OFF.
	Check whether the memory is full.	Delete unnecessary recorded sound (See page 16 to 17).
	Check whether the battery runs out.	Replace the battery with a new one.
Cannot playback.	Check whether the HOLD button is set to ON.	Set the HOLD button to OFF.
	Check whether your recorder has the sound recorded.	Verify the number of the sound recorded.
	Check whether the battery runs out.	Replace the battery with a new one.
Cannot hear sound from the speaker.	Check the volume is set to 0.	Control the volume.
	Check the speaker is connected.	Disconnect the speaker.
Cannot hear sound through the earphone.	Check the volume is set to 0.	Control the volume.
	Check whether the earphone is connected firmly and correctly.	Connect the earphone firmly and correctly.
"ERROR" is displayed on the LCD screen and all buttons does not operate.	Check whether the USB cable is removed during formatting with connected to a PC.	Format your recorder (See page 17).

Note

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICES MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED OPERATION.

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 harmful interference to radio communications. However, 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 encouraged 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.



Specifications

Item		Specification		
Model		VR-H500	VR-H560	VR-H580
Maximum Recording Time (HQ)		134 Min	270 Min	540 Min
Maximum Recording Time (SP)		546 Min	1094 Min	2191 Min
Memory		32MB	64MB	128MB
Numbers of folder	Voice (A,B,C)	3 Folders X 100 Files		
	Data (D)	1 Folder		
	MP3	1 Folder		
Frequency		500 Hz ~ 3500 Hz		
Actual Maximum Output		80mW		
External Input	Earphone	3.5 Stereo Jack		
	External Microphone	3.5 Mono Jack		
	USB Cable	PC Interface USB 1.1		
Speaker		Dynamic 20mm, 8 Ohm		
Dimensions		33 x 111.7 x 15.5 mm (W x H x D)		
Weight		About 37g (Except battery)		
Storage Media		Imbeded Flash Memory		
Power		1.5 V AAA Alkaline battery X 2		
Battery Lifetime (Recording)		Voice Recording: HQ mode - About 1100Min SP mode - About 740Min		
Operating Temperature		0 °C ~ 40°C		
Accessories (Default)		User's Manual, Earphone, Alkaline AAA Battery x 2, USB Cable, Power Voice III CD, Hand Strap		
		Audio Cable, Telephone Adapter, External Microphone, Tel. Code		

※ The specifications and appearance of the product may change without notice in order to improve the quality.

Voice Recorder