



DIGITAL
TELEPHONE RECORDER
1GB INTERNAL MEMORY
WITH
SD MEMORY CARD SLOT
& ACCESSORIES
(MICRO SD CARD NOT INCLUDED)

D4000



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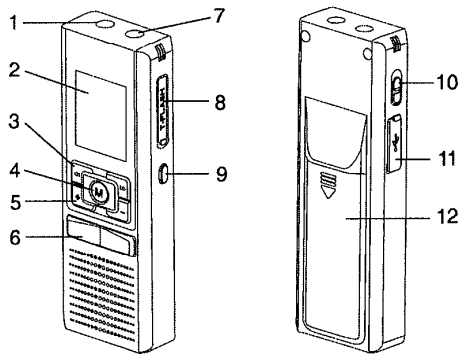
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Note

For the purpose of improve product functionality and quality, the firmware can be changed after production, so there could be differences described in Instruction and real functions. Please confirm the changed functions before use.

Identification of Parts



1. External Input Device/MIC jack
2. Display (LCD panel)
3. ◀ BACK , ▶ NEXT
Fast rewind, Fast forward,
Next File Search, Sub-Menu Entry,
4. + : VOLUME UP , Menu Item move up
- : VOLUME DOWN , Menu Item move down
5. MODE/MENU : Mode Select, Menu Entry/Exit, Menu Setting,
6. FOLDER/REPEAT ; Folder change, Repeat mode change
Repeat A↔B,
PLAY/PAUSE POWER On/Off
7. EAR(Earphone) jack
8. Micro SD Card Slot
9. RECORD/STOP, EQ mode change
10. Hold switch
11. USB jack
12. Battery cover

3

Display (LCD Panel)







SD	SD card indicator
A B C D M Playing Mode	A, B, C, D: Voice folder indicator M: Music mode indicator
STEREO HQ SP LP Record Quality	STEREO HQ: Stereo HQ mode indicator HQ: High quality mode indicator SP: Standard quality mode indicator LP: Low quality mode indicator
00 File Number	Play/Record Mode : File number indicator Menu Mode : "Y", "n", "On", "OF", "OK" indicator for user confirm
REC	Record indicator
Ω	Timer indicator
Ⓢ	Battery indicator
4	Alarm indicator
LOW SENSE	Microphone Record on Low Sensitivity indicator
VOR	VOR : VOR(Voice operated Record) indicator
LINE-IN	Record Source (Telephone, External Device) indicator
000:00:00 Record/Play Time	Play/Record Mode : Elapsed time indicator Menu Mode : Menu item indicator Time Setting Mode : Time set indicator
SLOW	Slow play indicator
AFOLDS Repeat Mode	Repeat 1 mode 1 Repeat folder mode FOLD Section repeat mode A B

4

Replacing the Battery

1. Be sure that the Voice Recorder is switched off. Switch off the Voice Recorder by pressing the **PLAY/PAUSE** button for a few moments in stop mode.
→ Do not replace the battery while the Voice Recorder is switched on, as this may cause the device to malfunction.
2. Open the battery cover.
3. Insert the battery
 - Make sure that the battery is inserted properly size AAA and close the cover.
 - Press the **PLAY/PAUSE** button for a few moments to switch the Voice Recorder on.
→ Remove the battery if you will not be using the Voice Recorder for an extended period. Leaking battery may damage the Voice Recorder.
→ Should your Voice Recorder malfunction, please remove the battery and insert them again.

	Full
	Approximately half used
	Almost empty
	Battery empty

Getting Started

USED TO USB POWER (PC or DC Adapter)

1. Connect the USB jack with your PC by means of an USB cable.
2. Press the **PLAY/PAUSE** button for a few moments to switch power on, and then Voice Recorder is in normal operating mode.
3. Speaker is not sound when Voice Recorder removes the battery. You can hear to sound only the Ear-Phone.

Getting Started

Hold function

1. When the **HOLD** switch on the up side of the Voice Recorder is in the Hold position, all buttons on the device are inactive.
2. Slide the **HOLD** switch to the OFF position to enable the buttons on the Voice Recorder.

Turning On the Power

1. While the recorder's power is off, press the **PLAY/PAUSE** button long time. The mode will set to the same mode when power off(Fig1).
2. If power on when the **HOLD** switch is on **HOLD** position, "On HOLD" will display on LCD and power will off automatically after a few seconds (Fig2). Slide the **HOLD** switch to the **HOLD** off direction and power on again.

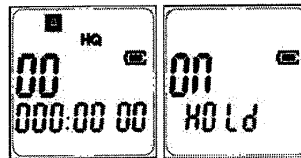


Fig.1

Fig.2

Setting Time

1. While the recorder is stopped, press the center of **MULTI FUNCTION** button for 1 second or longer.
2. The recorder is change to menu setting mode and next step is described on Menu setting chapter of this instruction.

Recording

Turning Off the Power

While the recorder is stopped, press the **PLAY/PAUSE** button for 1 second or longer.

- If the battery is almost used when playing or recording, the power is off automatically.
- If the record is on and stops for 10 minutes or longer, it goes into power off mode.

Recording

1. While the recorder is stopped, press the **REPEAT/FOLDER** button and select the folder. It is possible to change folder by pushing **REPEAT/FOLDER** button.
2. Before starting recording, check all the menu settings concerning recording.
 - Recording mode: REC (Stereo HQ, HQ, SP, LP)
 - Microphone sensitivity: SENSE (High, Low)
 - Recording input: INPUT (Voice, Line)
 - Divide recording: dIVIdE (Yes, No)
 - VOR (Voice Operated Recording): VOR (On, Off)(For information, refer to menu setting chapter of this instruction)
3. Try test recording to make sure that the Voice Recorder settings are correct.
4. The maximum number of files in each folder is 99, for a total capacity of 396 files (99 files × 4 folders).
 - If the recording time exceeds the available capacity or the number of files reaches 396, "FULL" will be displayed and you cannot continue recording (Fig3, 4). If this happens, delete some recordings or move them to an external device (Computer or Audio).
 - If you intend to record for a prolonged period of time, charge the battery before beginning recording
 - When the Voice Recorder is in VOR mode recording will stop automatically when no sound is detected. Disable the VOR function when recording important conversations.

7

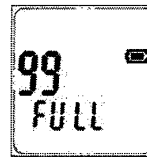


Fig.3



Fig.4

1) Microphone recording

Recording with the built-in microphone

A Microphone is built-in so it is possible to record without any external microphone as need.

1. Press the **REPEAT/FOLDER** button and select the folder.
2. While the recorder is stopped, press the **REC/STOP** button to switch the Voice Recorder on and start recording (Fig5, 6).
 - For the Microphone recording, The recording input(INPUT) on Menu need to be set as "V".
3. Point the Voice Recorder's built-in microphone towards the sound source. Press and hold the **PLAY/PAUSE** button during recording to display, recording is pause. And repress it, restart recording.
4. The total time of the recording is displayed when you stop recording by pressing the **REC/STOP** button (Fig7).

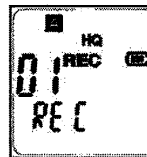


Fig.5

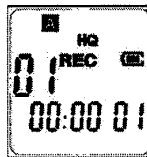


Fig.6

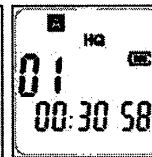


Fig.7

8

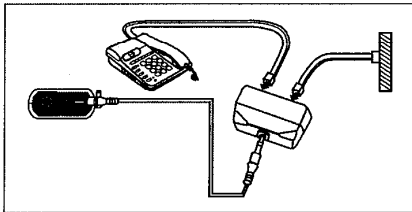
Recording

Recording from the exclusive microphone

To record with an external microphone, connect the microphone to the LINE input socket and follow the same procedure as for the built-in microphone.

2) Telephone recording (option Accessory)

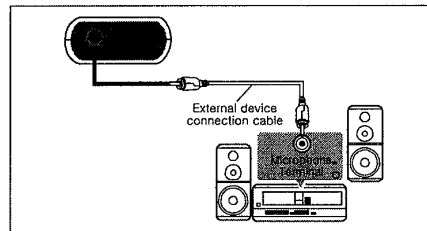
1. Connect external Input Device/MIC jack and telephone using connection cable for External Device and adaptor for Telephone Record.



2. Go to Menu mode and setup the input source "V"(voice).
→ For details please read the explanation under Menu Entry.
3. Press the **FOLDER/REPEAT** button and select the folder.
4. Press the **REC/STOP** button while phone call, recording will start.
→ Please make the volume level of voice recorder low when there is howling.
5. Press the **REC/STOP** button to stop recording.

3) External device recording (option Accessory)

1. Connect external Input Device/MIC jack and external device using connection cable for External Device.



2. Go to Menu mode and setup the input source line (L).
For details please read the explanation under Menu Entry – Recording Input Setup. "LINE-IN" will be shown on the display.
3. Press the **REPEAT/FOLDER** button to select the folder you want to record to.
4. Press the **REC/STOP** button to begin recording (Fig8).

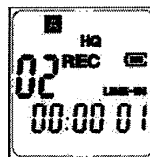


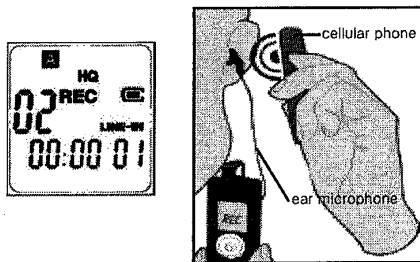
Fig.8

5. Press the **REC/STOP** button to stop recording.

Recording

4) Cellular phone recording (Option Accessory)

1. Connect external Input Device/MIC jack using ear microphone.
2. Go to Menu mode and set up the input source "V"(voice).
→ For details please read the explanation under Menu Entry.
3. Press the **FOLDER/REPEAT** button and select the folder.
4. Press the **REC/STOP** button while phone call, recording will start.
→ Please make the volume level of voice recorder low when there is howling.
5. Press the **REC/STOP** button to stop recording.



Playing

Playing

1) Normal playing

1. Power on the voice recorder and press **MODE** button and select playback mode.

MODE	ACTION	PLAY FILE FORMAT
VOICE	Playback recorded file in folder A, B, C, D	MP3
MUSIC	Playback Music file in folder M	MP3, WMA

2. In case of voice mode press the **REPEAT/FOLDER** button to go to the folder where the desired file is stored.
→ Sub-Folder doesn't support on Voice/Music mode.
→ The maximum support number of files in each folder is 99 on Voice mode.
→ The maximum support number of files for the Voice mode plus the Music mode is 396.
3. Press the **NEXT/BACK** button to select the desired file.
4. Press the **PLAY/PAUSE** button. The playback time will be shown on the display (Fig10).
5. Adjust the volume by press **VOLUME UP/DOWN** button. (Fig11)



Fig.10

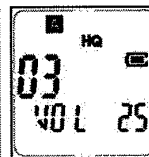


Fig.11

Playing

6. Press the **PLAY/PAUSE** button during playback to Stop. The total playback time of the current file will be shown on the display.
7. Press the **PLAY/PAUSE** button again to continue playback from the previous position (Resume function).

2) Slow Playback

1. Press the **MODE** button for a few moments to switch from normal playback to slow playback. The "SLOW" icon will be shown on the display (Fig12).
2. Press the **MODE** button for a few moments again to return to normal playback.





Fig.12

3) Search


1. Press and hold the **NEXT/BACK** button for a few moments during playback to scan forward or backward in the current file at a fast speed.
 2. When you release the **NEXT/BACK** button, playback will resume at the selected speed (normal or slow) from the point where you release the button.
- If you press and hold the **NEXT** button until the end of the current file will stop scanning.
Release the button Voice Recorder will play next file.

4) Repeat Playback


Repeating a Section

1. During playback, press the **REPEAT/FOLDER** button at the beginning of the section you want to repeat. The  indicator will blink on the display.
 2. Press the **REPEAT/FOLDER** button again at the end of the section you want to repeat. The  indicator will display on the display and playback the section repeatedly (Fig13).
- The selected section will repeat continuously until you press the **REPEAT/FOLDER** button.
- Press the **REPEAT/FOLDER** button to stop Section Repeat mode and return to normal playback.

Repeating a File

- Press the **REPEAT/FOLDER** button for a few moments during playback. The  indicator will display on the display and repeat playback current file (Fig14).
- Press the **PLAY/PAUSE** button to stop playback.
The Voice Recorder will remain in File Repeat mode.

Repeating a Folder

1. With the Voice Recorder in File Repeat mode, press the **REPEAT/FOLDER** button for a few moments,  indicator will display on the display and playback all the files in current folder (Fig15).

MP3/WMA Player Function

2. Press the **PLAY/PAUSE** button to stop playback. The Voice Recorder will remain in Folder Repeat mode.



Fig.13

Fig.14

Fig.15

MP3/WMA Player Function

1. Copy MP3 or WMA files from your computer to the **M** folder of Voice Recorder.
2. Disconnect from PC and turn on the power. Press the **MODE** button and select music mode (Fig16).



Fig.16

3. Press the left or right side of **NEXT/BACK** button and select a file to playback. Press the **PLAY/PAUSE** button to playback.
 → During playback, press the **REC/STOP** button to change the EQ mode. (Normal → Jazz → Rock → Pop → Classic) (Fig17, 18, 19, 20, 21)

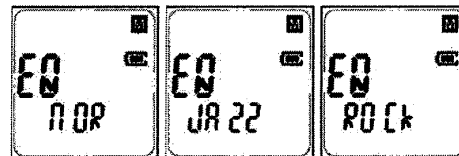


Fig.17

Fig.18

Fig.19

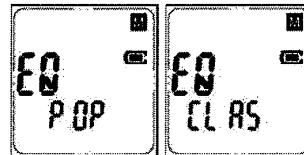


Fig.20

Fig.21

Attention: Please adjust the sound level with the volume control. Listening to music at high volumes can permanently damage your hearing.

SD Card

1. SD Card Insert

- 1) SD Card Recognize and then Access.
(Internal Memory Access, Remove SD card or SD Error.)

2) SD Error

- Can't use supporting SD card.
- FAT or FAT32 Can't format.
- Can't read SD card.
- There is no use SD card according to product.

2. Playing SD Card

- 1) Inserting SD card.
- 2) SD card recognize display "READ"
- Not recognize "SD Error" Blinking.
- 3) Other working same as Internal Memory Access.



Attention: There is no use SD CARD according to product.

Menu Entry

Menu Entry

→ Menu mode is available in Stop mode.

1) Erase: Deleting a single file or all files in a folder

1. With the Voice Recorder in stop mode, select the file you want to delete.
2. Press the **MODE** button for a few moment.
3. "ERASE" is shown on the display (Fig24).

Deleting a file

- A. Press **MODE** button briefly.
The file number (03) will blink (Fig25).
- B. Press the **MODE** button again briefly.
The file number indicator will be replaced with "n" (no) and blink (Fig26).
- C. Press the **VOLUME UP/DOWN** button to change the confirmation indicator to "Y" (Yes) (Fig27).
- D. Press the **MODE** button briefly to delete the selected file (Fig28, 29).

Menu Entry

Fig. 24 Fig. 25 Fig. 26

Fig. 27 Fig. 28 Fig. 29

Deleting the files in a single folder or all files

With the Voice Recorder in File Data mode (Fig. 25), press the **VOLUME UP/DOWN** button to select the folder from which you want to delete all files:
 A ← B → C ← D → M ← A, B, C, D, M

"ERASE" is shown on the display, and the indicator is shown for the chosen folder (Fig. 30, 31).

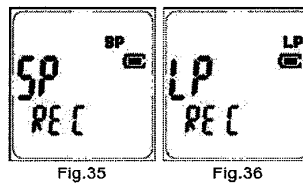
Fig. 30 Fig. 31

2. Following process is same as delete a file.

2) Recording Quality Selection

→ This function is only available in voice mode.

1. With the Voice Recorder in Stop mode, press **MODE** button for a few moments (Fig. 24).
2. Press the **VOLUME DOWN** button until "REC" is shown on the display (Fig. 32). Press the **MODE** button briefly.
3. Press the **VOLUME UP/DOWN** button to select the desired recording. When "HQ" blinks on the display (Fig. 33, 34, 35).
4. Press the **MODE** button to save your setting and then the **MODE** button for a few moments to exit Menu mode.



Menu Entry

3) Microphone Recording Sensitivity

→ To high level of audio source can make distortion of recording quality. In case of the volume of voice is to high, make low the microphone recording sensitivity.

→ This function is only available in voice mode.

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button until "SENSE" is shown on the display (Fig37). Press the **MODE** button briefly.
3. Press the **VOLUME UP/DOWN** button repeatedly until "Lo" is shown on the display when "HI" blinks on the display (Fig38, 39).
4. Press the **MODE** button to save your setting and then the center of MULTIFUNCTION button for a few moments to exit Menu mode.



Fig.37



Fig.38



Fig.39

4) Recording Input Setup

→ This voice recorder can record lots of different audio level sources (Internal Microphone Recording, External Microphone Recording, Telephone Recording, External Device), It is recommended to set correct input mode. Please refer following table.

Recording Device	Menu Set	Connection
Internal Microphone	V	No connection
External Microphone	V	External Microphone
Telephone	V	Telephone (Adaptor for Telephone Record, External Device Connection Cable)
External Device	L	External Device (External Device Connection Cable)

→ This function is only available in voice mode.

1. With the Voice Recorder in Stop mode, press **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "INPUT" is shown on the display (Fig40).



Fig.40

3. Press the **MODE** button briefly. "V" blinks on the display (Fig41).
4. Press the **VOLUME UP/DOWN** button repeatedly and select the input (Fig42).
5. Press the **MODE** button briefly to save your settings or for a few moments to exit Menu mode.

Menu Entry

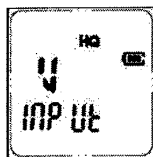


Fig.41



Fig.42

5) Divide :

Automatically Recording to a new file every 60 minutes

→ This function is only available in voice mode.

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "dIVIdE" is shown on the display (Fig44).
3. Press the **MODE** button briefly. "n" blinks on the display (Fig45).
4. Press the **VOLUME UP/DOWN** button to select "Y" (Fig46).
5. Press the **MODE** button briefly to save your settings or for a few moments to exit Menu mode.

Fig.44

Fig.45

Fig.46

6) VOR (Voice Operated Recording) Setting

→ This function is only available in voice mode.

→ This function stops recording automatically when there is no sound and starts recording automatically when the Voice Recorder detects sound.

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "VOR" is shown on the display (Fig47).
3. Press the **MODE** button briefly. "OF" blinks on the display (Fig48).
4. Press the **VOLUME UP/DOWN** button to select "On" (Fig49).
5. Press the **MODE** button briefly to save your settings or for a few moments to exit Menu mode.



Fig.47

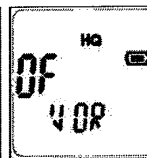


Fig.48

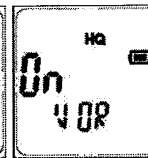


Fig.49

7) Beep Setting

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "bBEEP" is shown on the display (Fig50).
3. Press the **MODE** button briefly. "On" blinks on the display (Fig51).

Menu Entry

4. Press the **VOLUME UP/DOWN** button to select "OF" (Fig52).
5. Press the **MODE** button briefly to save your settings or for a few moments to exit Menu mode.



Fig.50



Fig.51



Fig.52

8) Format: Deleting all files

→ This function will delete all files saved in the voice recorder. Please make backup to PC before run this function.

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "FRmAt" is shown on the display (Fig53).
3. Press the **MODE** button briefly. "n" blinks on the display (Fig54).
4. Press the **VOLUME UP/DOWN** button to change the indicator to "Y" (Fig55).



Fig.53



Fig.54



Fig.55

5. Press the **MODE** button to format the Voice Recorder and delete all files on it and return to initial display (Fig56, 57, 58).

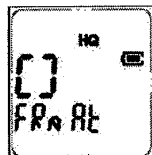


Fig.56



Fig.57

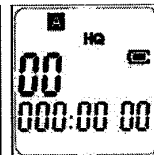


Fig.58

9) Clock Set Mode

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "CLOCK" is shown on the display (Fig59).
3. Press the **MODE** button briefly.
4. The default system data is shown, "01" for the day and month, and "08" for the year (Fig60).
5. Press the **VOLUME UP/DOWN** button to set the desired day and then press the **MODE** button.
6. The month will now blink "01", press the **VOLUME UP/DOWN** button to select the desired month and press the **MODE** button.
7. The year will now blink "08", press the **VOLUME UP/DOWN** button to select the desired day and press the **MODE** button.
8. "12:00" is shown on the display. The time "12" will blink. Set the time in the same manner as you set the date, using the **VOLUME UP/DOWN** button to select the desired (Fig61).

Menu Entry



Fig.59

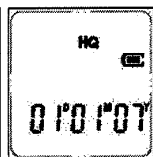


Fig.60



Fig.61

9. The minute "00" will blink. Set the minute in the same manner as you set the time, using the **VOLUME UP/DOWN** button to select the desired. After you set the minutes, press the **MODE** button.
10. Press the **MODE** button briefly to save your settings or for a few moments to exit Menu mode.
 - The clock will begin from 2008/01/01 12:00 without any presetting. Please set clock first before use.
 - With the Voice Recorder in Stop mode, press the **FOLDER/REPEAT** button to display current time. Current time disappears when you release the **FOLDER/REPEAT** button.

10) Timer Setup

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "tImER" is shown on the display (Fig62).
3. Press the **MODE** button briefly, "OF" (timer setup off) blinks on the display (Fig63).



Fig.62

4. Press the **VOLUME UP/DOWN** button to select "V" (Fig64).



Fig.63



Fig.64

5. Press the **MODE** button briefly. The time setting "12:00" will display with blinking "12". Press the **VOLUME UP/DOWN** button to enter the desired hours (Fig66).
6. Press the **MODE** button briefly. The minute "00" will blink. Press the **VOLUME UP/DOWN** button to enter the desired minutes (Fig66).
7. Press the **MODE** button to set up the recording interval (Fig67), The interval "30" will blink. Press the **VOLUME UP/DOWN** button to set the interval time.
 - If select "ALL", The voice recorder will record until there is no memory space to save or battery is exhausted.
8. Press the **MODE** button briefly, Folder icon blinks on the display.
9. Press the **VOLUME UP/DOWN** button to select the folder you want to record to.
10. Press the **MODE** button to save your setting (Fig68).
11. Press the **MODE** button for a few moments to exit Menu mode.

Menu Entry

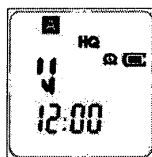


Fig.66



Fig.67



Fig.68

11) Alarm Setup

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "ALARm" is shown on the display (Fig69)



Fig.69

3. Press the **MODE** button briefly. "OF" (alarm setup off) blinks on the display (Fig70).
4. Press the **VOLUME UP/DOWN** button to change the indicator to "On" (Fig71).
5. Press the **MODE** button briefly to set the alarm time (Fig72).
6. Alarm time "12:00" will display with blinking "12". Press the **VOLUME UP/DOWN** button to select the desired hour.



Fig.70



Fig.71



Fig.72

7. Press the **MODE** button briefly. The minute "00" will blink. Press the **VOLUME UP/DOWN** button to select the desired minutes.
8. Press the **MODE** button to save your setting.
9. Press the **MODE** button for a few moments to exit Menu mode.

12) File Preview:

Playing the first 3 seconds of each file

1. With the Voice Recorder in Stop mode, press the **MODE** button for a few moments (Fig24).
2. Press the **VOLUME UP/DOWN** button repeatedly until "SCAN" is shown on the display (Fig73).
3. Press the **MODE** button briefly to display the "n" blinking (Fig74).
4. Press the **VOLUME UP/DOWN** button to change from "n" to "Y" (Fig75).
5. Press the **MODE** button to play the first 3 seconds or each file starting with the first file of the current.

Warnings and General Precautions



Fig.73



Fig.74



Fig.75

Warnings and General Precautions

Warnings

1. Do not attempt to open, repair, or modify your Voice Recorder.
2. Do not use your Voice Recorder where the use of electronic devices is prohibited (such as in aircraft, etc.)
3. Do not put your Voice Recorder or its accessories in your mouth.
4. Do not immerse your Voice Recorder or spill liquids on it.

General Precautions

1. Do not expose Voice Recorder or its accessories to shocks, as this may cause malfunctions.
2. Disconnect all connections when you notice anything unusual such as abnormal noise, heat, smoke, or a burning order.
3. Do not apply excessive force to the LCD display, as this may damage the display or cause malfunctions.
4. Do not expose Voice Recorder to direct sunlight or any source of heat for a prolonged period.

5. Do not pull attached earphone, microphone, or USB cable with excessive force.
6. This company has no responsible on compensation for damages from a third person or loss caused by using this product.
7. Recording contents in memory may be destroyed or erased by operating mistakes, unit malfunction, or during repair work. It is recommended to back up and save important content to other media such as a computer hard disk.
8. Do not place the voice recorder nearby magnet tape product such as Credit card, commuter ticket. The speaker of voice recorder may change the information recorded on magnet tape
9. The use for infringe on others privacy, bugging or illegal is prohibited.

Connecting to your PC

PC	IBM PC/AT compatible PC
Operating System	Windows Vista Windows XP Professional Windows XP Home Edition Windows Millennium Edition Windows 2000 Professional Windows 98 Second Edition
USB port	One free port
Soundcard	IBM Windows compatible soundcard
Etc	Speaker or headphones

Note

- It can not be work properly on Macintosh Operating system.
- It can not be work properly on following conditions.
 - Upgraded Windows environment
 - Windows 95, Windows 98, Windows NT
 - Dual-boot Windows environment
- Due to user's special PC environment, wait, stop mode could not work properly. In this case do not use these functions.

Troubleshooting

Symptom	Possible cause	Correction
LCD is Blank	The battery is exhausted.	Replace the battery.
Can't record	The HOLD switch is engaged. The battery is exhausted. The number of recordings exceeds 396 or the recording capacity is full.	Slide the HOLD switch to the Off position. Replace the battery. Delete some recordings or move recordings to an external device.
Can't playback	The HOLD switch is engaged The battery is exhausted. Nothing has been recorded yet. The volume is at the lowest setting.	Slide the HOLD switch to the Off position. Replace the battery. Check the number of recordings. Adjust the volume.
Can't stop, pause, play or record	The HOLD switch is engaged	Slide the HOLD switch to the Off position.
No sound from the speaker	The earphone is plugged in. The volume is at the lowest setting.	Remove the earphone. Adjust the volume.
No sound from the earphone	The earphone is not plugged in properly. The volume is at the lowest setting.	Plug in the earphone properly. Adjust the volume.

Specifications

Contents		Specifications		
Recording	Recording quality	Transfer bitrate	Sampling frequency	File Format
	Stereo HQ	192 kbps	32 kHz	MP3
	HQ	128 kbps	32 kHz	MP3
	SP	64 kbps	32 kHz	MP3
	LP	32 kbps	24 kHz	MP3
Recording source		Built-in Microphone External Microphone Telephone Recording External Device Recording		
Max recordable files		396Files (99Files/Folder)		
Playable format		MP3 : all bit rates WMA : 32~192kbps no DRM supported.		
Battery		Alkaline AAA 1.5V		
PC Connection		USB 2.0		
Input Charge Power		USB Cable		
Battery Life		About 15 hours Max.		
Dimensions		W: 97 mm x H:34mmx D: 17 mm		

Maximum recording time

(Depending on internal memory size and recording mode)

Memory size Recording quality	256MB	512MB	1GB	2GB
Stereo HQ	3 H	6 H	11 H	22 H
HQ	4 H	8 H 30 M	17 H	33 H
SP	8 H	17 H	33 H	65 H
LP	16 H	33 H	65 H	130 H

(H : Hours, M : minutes)