

Using the timer

Timer recording

Preparation: Select the folder and recording mode (⇨ refer to "Recording" on pages 2, 3)

- 1 Enter the menu mode
- 2 Select "⊙, rEE"
- 3 Set the time

① Use [] to select "On" (ENTER)

② Use [] to select the start time (ENTER)

③ Use [] to select the end time (ENTER)

Timer play

Preparation: Select the file (⇨ refer to "Playing" on pages 2, 3)

- 1 Enter the menu mode
- 2 Select "▶, PLRY"
- 3 Set the time

① Use [] to select "On" (ENTER)

② Use [] to select the start time (ENTER)

- To cancel the timer → Select "OFF" in step 3-1.
 - To confirm the set time → From the menu (⇨ refer to "Menu display" on page 4), select "⊙, rEE" or "▶, PLRY" and press [].
- Even when "⇨" or "⇩" are displayed during timer play, the continuous play and file repeat play functions cannot be used.

Various functions

Canceling the operation beep

- 1 Enter the menu mode
- 2 Select "bEEP"
- 3 Select "OFF"

● To turn operation beep on → Select "On" in step 3.

In order to prevent accidental operations while recording or while stopped, button operations are ignored.

Preventing accidental button presses (HOLD)

● To release → "ho id" is displayed if a button is pressed while hold is on.

● After use, switching to hold is recommended to save the batteries. (The display will turn off.)

Care and Use

To reduce risk of radio interference caused by headphone-, earphone- or microphone cable, only use adequate accessories with cable length less than 3 m.

- **Unit**
- Avoid using or placing this unit near sources of heat. Do not leave it in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.
- To avoid product damage, do not expose this product to rain, water or other liquids.
- The unit's speaker does not have magnetic shielding. Do not place the unit near televisions, personal computers, magnetized cards (bank cards, commuter passes) or other devices easily influenced by magnetism.

- **Batteries**
- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles ⊕ and ⊖ correctly when inserting the batteries.
- Do not mix different types of batteries or old and new batteries.
- Remove the batteries if the unit is not to be used for a long time.
- Do not throw into fire, short-circuit, disassemble or subject to excessive heat.
- Do not recharge dry cell batteries.
- Battery mishandling can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire. If electrolyte leaks from the batteries, consult your dealer. Wash thoroughly with water if electrolyte comes in contact with any part of your body.
- Keep out of reach of small children. Accidental swallowing of batteries can result in stomach and intestinal damage.

- **Allergies**
- Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

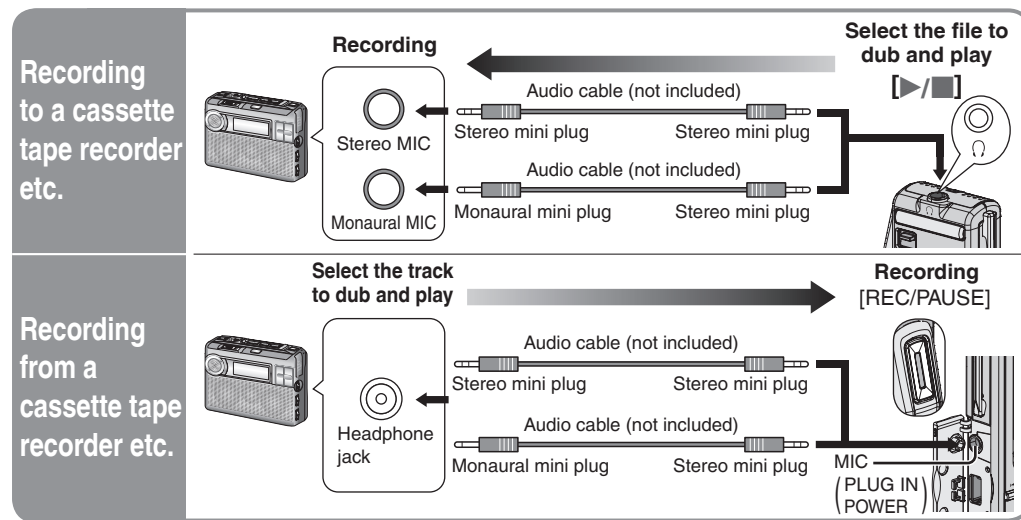
- **Precautions for listening with the Headphones or Earphones**
- Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

Maintenance

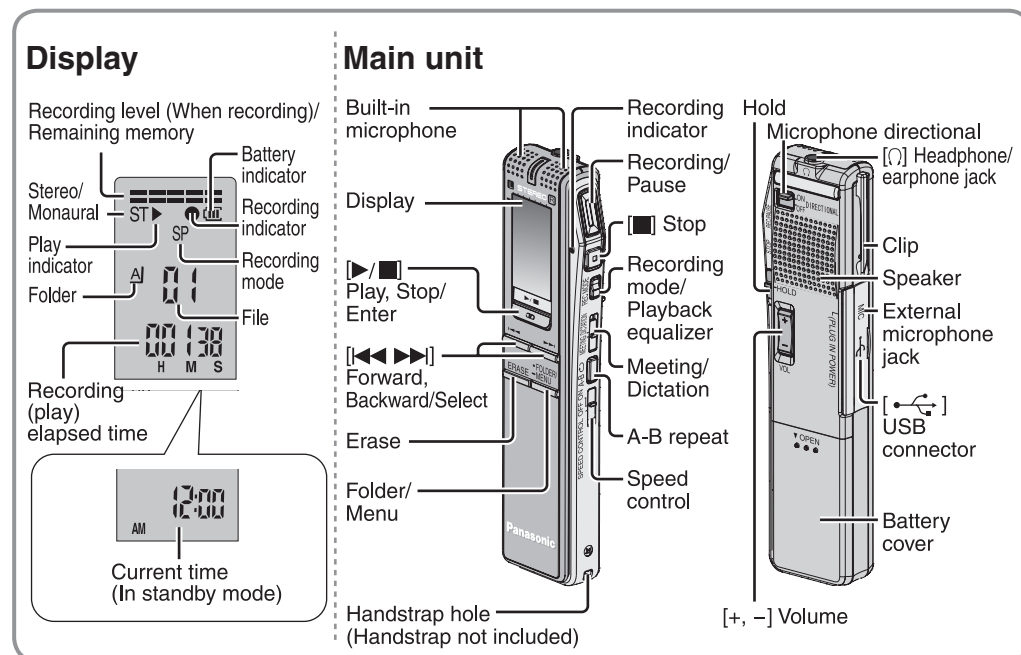
- If the surfaces are dirty, wipe this unit with a soft, dry cloth.
- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Connecting to other equipment



- Read the operating instructions of the connected equipment.
- The recorded sound quality may differ from the original recording.
- Adjust the recording volume on the source to the desired level.

Part names



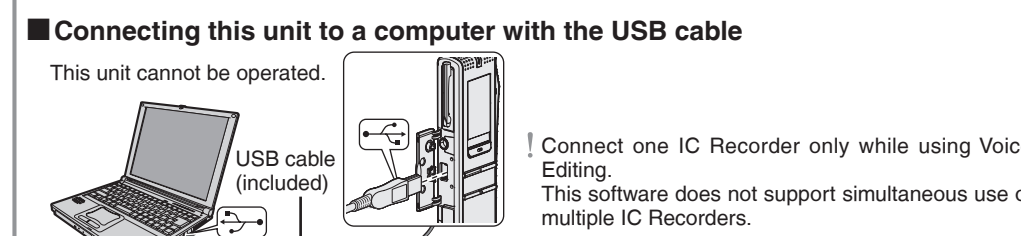
Troubleshooting Guide

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, consult your dealer for instructions.

Symptom	Checkpoints
No operation.	<ul style="list-style-type: none"> ● Make sure the batteries are correctly inserted. ● You cannot operate when the unit is connected to a computer. (⇨ page 7)
Operation is not possible when "hold" appears on the display.	<ul style="list-style-type: none"> ● The hold function is on. (⇨ page 5)
"U01" appears on the display.	<ul style="list-style-type: none"> ● The battery has run down.
"2006" flashes.	<ul style="list-style-type: none"> ● Set the time. (⇨ page 1)
"EE:EE" is displayed.	<ul style="list-style-type: none"> ● This can occur after repeatedly recording and erasing files.
Available recording time does not increase correspondingly after erasing files.	<ul style="list-style-type: none"> ● Unlock all your files, then erase all folders to remedy this. (⇨ pages 2, 3)
There is no sound from the earphone or it is difficult to hear or noisy.	<ul style="list-style-type: none"> ● Ensure the plug is inserted firmly. ● Wipe the plug clean.
Recording stops.	<ul style="list-style-type: none"> ● VAS (⇨ page 4) may have functioned.
"---" appears instead of the recording date.	<ul style="list-style-type: none"> ● Set the time. (⇨ page 1)
Playback speed is too fast or slow.	<ul style="list-style-type: none"> ● Set play speed to normal. (⇨ page 4)
"FULL" appears.	<ul style="list-style-type: none"> ● There are 99 files in the folder. ● There is no remaining recording time. ● Erase unneeded files.
No sound from the speaker.	<ul style="list-style-type: none"> ● There is no sound when you have connected earphones.
Cannot erase a file or folder.	<ul style="list-style-type: none"> ● The file is locked. (⇨ pages 2, 3) ● The folder is already empty.
Cannot move a file.	<ul style="list-style-type: none"> ● You cannot move files to folders that already contain 99 files. ● You cannot move files from A-D folder to Dictation folder. (⇨ pages 2, 3)
A recording disappeared.	<ul style="list-style-type: none"> ● Recordings can disappear if the unit receives a shock (e.g. it is dropped), or the batteries come out during recording.
Cannot set timer recording/playback.	<ul style="list-style-type: none"> ● You can set the timers within 24 hours of the current time. ● Set the time. (⇨ page 1)
Timer recording/playback does not work.	<ul style="list-style-type: none"> ● The settings are cancelled if the batteries are removed and the clock settings clear.
Cannot set timer recording/playback at the same time.	<ul style="list-style-type: none"> ● When you set both, only the one you set last works.
Timer recording does not work.	<ul style="list-style-type: none"> ● You cannot set the timer if there is less than one minute of available recording time.
Cannot use a battery that can be used on other equipment.	<ul style="list-style-type: none"> ● This unit determines the battery empty even if there is actually life left in it. This is to preserve the clock and other memory items.
Cannot select a folder.	<ul style="list-style-type: none"> ● Press [FOLDER/MENU] briefly. You will enter the menu mode if you hold the button down for 1 or more second.
Sound is distorted.	<ul style="list-style-type: none"> ● When sound other than voice is recorded, this may occur during playback.
Sound is distorted when listening to the recorded audio with the stereo earphones.	<ul style="list-style-type: none"> ● Reduce the volume. ● Separate the stereo earphones and the microphone you are using.
Voice Editing does not start or does not work correctly.	<ul style="list-style-type: none"> ● Make sure that "PC" is on this unit's display, and that this unit is recognized as a drive in Voice Editing. If it is not, disconnect the USB cable from this unit, then reconnect it. ● The connection may not work if you connect via a USB hub or USB extension cable.
Cannot confirm sound on the computer because of poor microphone sensitivity despite using the included Dictation cord.	<ul style="list-style-type: none"> ● Adjust the volume on the IC Recorder. Depending on your computer, you may also be able to improve the sensitivity by reversing the "Straight mini plug" and the "L-shaped mini plug" connections.
Cannot successfully convert audio to text with Voice Editing.	<ul style="list-style-type: none"> ● Text conversion will be inaccurate if you record in "MEETING" mode, especially if you also use stereo. Set the [MEETING, DICTATION] switch to "DICTATION". Your recording will be monaural. (Refer to the Voice Editing operating instructions (PDF file).)

Using the unit with a computer

- **Installing Voice Editing**
- 1 Start Windows.
- 2 Insert the included CD-ROM #1 into your computer's CD-ROM drive. The program installer starts automatically.
 - When the installer does not automatically start
 - ① From the "Start" menu click "Run".
 - ② Type "※ : \Launcher\VEDV1\Launcher.exe" and click "OK".
 ※ is the CD-ROM drive ID.
- 3 Click "Voice Editing Ver.1.0". Installation starts. Follow on-screen instructions for any subsequent operations.
 - The voice recognition engine and text to speech/translation engine should start installing while Voice Editing is being installed. (Alternatively, you can install them afterwards.)
 - Change the CD-ROM #1 for #2 according to the message that will appear in the middle of installation. Installation continues automatically.
 - Change the CD-ROM #2 for #1 according to the message that will appear when installation of #2 is complete.
- 4 Click "Finish" on the InstallShield Wizard Complete screen. Selecting "Yes, I want to restart my computer now" automatically re-starts the computer and completes installation.



- **Starting Voice Editing**
- Double-click the "Voice Editing" icon on the desktop.
- After double clicking, follow the on-screen instructions.
- **Using the operating instructions (PDF file)**
- In the Windows "Start" menu, click "All programs" → "Voice Editing" → "Voice Editing Operating Instructions" or in the "Help (H)" menu in the Voice Editing main screen, click "Operating Instructions (H)".

- **Note**
- If DirectX 8.1 or later is not installed on your computer, follow the instructions that appear on-screen.
- Adobe Acrobat Reader is necessary to view the operating instructions (PDF file). If Adobe Acrobat Reader is not installed on your computer, it is automatically installed at the same time as Voice Editing. Depending on the computer, an Adobe Acrobat Reader restart message may appear. Ignore this and continue installing Voice Editing.
- Uninstall the following before installing Voice Editing Ver.1.0 (included).
 - Voice Editor 3 -Voice Editor 2
 - Voice Editor 1
 - Voice Editor Ver.1.0 Professional Edition -Voice Editor Ver.1.0 Standard Edition
 - Voice Editor Ver.1.x -Other editions of Voice Editing Ver.1.0
- Sound files made with previous versions will remain intact, but you should back them up to be sure.

Specifications

Power requirement:	DC 3V (2 AAA/LR03 size batteries)			
Power output:	350 mW (max.)			
Frequency response:	280 Hz to 5,200 Hz (HQ mode) 270 Hz to 3,400 Hz (FQ/SP mode)			
S/N:	35 dB (Stereo/HQ mode)			
Jack:				
Output jack;	Earphone, ø 3.5 mm; 0.5 mW + 0.5 mW 16 Ω			
Input jack;	Mic, ø 3.5 mm; 0.56 mW plug in power			
Speaker:	20 mm 8 Ω			
Dimensions (W×H×D):				
Max dimensions;	32.5 mm × 118.8 mm × 15.9 mm			
Cabinet dimensions;	29.8 mm × 118.5 mm × 14.2 mm			
Mass:				
with batteries;	61 g			
without use batteries;	38 g			
Operational temperature range:	0 °C to 40 °C			
Battery life:	[When used at 25 °C on a flat, stable surface]			
Batteries				
Mode	Stereo/Monaural	Playback	Recording	
Panasonic alkaline batteries	HQ	Stereo	10 hours 30 minutes	13 hours 30 minutes
		Monaural	12 hours	16 hours 30 minutes
	FQ/SP	Stereo	13 hours	17 hours
		Monaural	13 hours 30 minutes	22 hours

- The battery life may be less depending on the operating conditions.
- **Note:**
 - Specifications are subject to change without notice.
 - Mass and dimensions are approximate.

-If you see this symbol-

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product. Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

(Save and edit sound files you have recorded with the unit.)

System requirements

You will need an IBM PC/AT computer with the following attributes or equivalent, and the following software and hardware in order to use this application.

OS: Microsoft® Windows® 98 Second Edition
Microsoft® Windows® Millennium Edition
Microsoft® Windows® 2000 Professional®
Microsoft® Windows® XP Home Edition/Professional®

※Only available when the user is logged in as the system administrator. Cannot be used by multiple users. (Windows® 2000 / Windows® XP only)

- This software is not compatible with Microsoft Windows® 3.1, Windows® 95, Windows® 98 (except for Windows® 98 SE) and Windows NT®.
- Operation is not guaranteed on an upgraded OS.
- This software is not Macintosh compatible.

Hardware:

- CPU: Windows® 98 SE / Windows® Me: Intel® Pentium® II 333 MHz or higher
Windows® 2000 / Windows® XP: Intel® Pentium® III 500 MHz or higher
- RAM: Windows® 98 SE / Windows® Me: 128 MB or more
Windows® 2000 / Windows® XP: 256 MB or more
- Free hard disk space: 100 MB or more
- Additional free hard disk space may be necessary depending on the Windows® version and voice file being used.
- Additional free space is required to install Acrobat® Reader®, DirectX® 9.0c, and voice recognition/text-to-speech translation engines (all included), as well as "Voice Editing Launcher" (Office Add-In and Internet Explorer Contextual Menu Add-In).
- Additional free space is temporarily required for sound waveform display, voice recognition, text-to-speech conversion, translation, sound recording, CD-R recording (Windows® XP only), and "Voice Editing Launcher".
- Installing all Voice Editing functions and engines for all languages requires approximately 1.5 GB of free space.

Drive: CD-ROM drive (for installation)
CD-R/RW drive (required to use the CD-R writing function in Windows® XP)

Sound: Windows compatible sound device
Display: High Color (16 bit) or more, Desktop resolution of 800 × 600 pixels or more. (1024 × 768 pixels or more recommended)

Interface: USB port (Operation cannot be guaranteed if you use a USB hub or extension cable.)
Other requirements: Mouse or equivalent pointing device

Note

The following hardware limitations should be noted.

- This software is not compatible with a multi-CPU environment.
- This software is not compatible with a multi-boot environment.
- This software may not run properly on 64-bit computers.
- Even if the system requirements mentioned in these operating instructions are fulfilled, some personal computers can not be used.
- This software may not run properly on home-made computers.

The following limitations should be noted.

- Voice recognition, text-to-speech, and translation engines are installed on the same drive as the operating system (usually the C drive).
- The operating system must support the languages of the voice recognition, text-to-speech, and translation engines.
- Before voice recognition, the speaker's voice must be registered in a training process. Sound files of speakers whose voices have not been registered in training cannot be converted to text correctly.

Necessary software:

- DirectX® 8.1 or later / Internet Explorer 6.0 or later
- Microsoft Office 2000/XP/2003 (support for Word, Excel, and PowerPoint is required when using the Office Add-in)

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Recording and operating problems may occur on some computer systems. Please note that Panasonic and Panasonic dealers cannot be held liable for any lost audio data or other direct or indirect damage except in cases of intentional or gross negligence.

Translation (interpreter) results are merely one example of translation (interpreter), and accuracy cannot be guaranteed. We cannot be liable for the translation (interpreter) results in any way. Additionally, please refrain from publishing, selling, or distributing unedited translation (interpreter) results, which may violate copyright law.

ONLY FOR AUSTRALIA/NEW ZEALAND

Panasonic Warranty

1. The product is warranted for 12 months from the date of purchase. Subject to the conditions of this warranty Panasonic or its Authorised Service Centres will perform necessary service on the product without charge for parts or labour if, in the opinion of Panasonic, the product is found to be faulty within the warranty period.
2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised Distributors or Dealers and only where the products are used and serviced within Australia or its territories. Warranty cover only applies to service centres set up by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when warranty service is requested.
3. This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, misadjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
 - (a) Video or Audio Tapes
 - (b) User replaceable Batteries
 - (c) Shaver Heads or Cutters
 - (d) Cabinet Parts
 - (e) User replaceable Batteries
 - (f) Thermal Paper, Toner/Ink Cartridges
 - (g) Microwave Oven cook plates
 - (h) Kneader mounting shaft unit (bread bakery)
 - (i) Drum, Developer, Film (ink/Robo), Film Cartridge, Printer Heads
5. If warranty service is required you should:
 - Telephone Panasonic's Customer Care Centre on 132600 or visit our website and use the Service Centre Locator for the name/address of the nearest Authorised Service Centre.
 - Send or bring the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged by you.
 - Note that home or pick-up/delivery service is available for the following products in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centres:
 - (a) Picture tube (CRT) based Television Receivers (screen size greater than 160cm)
 - (b) Convection/Combination Microwave Ovens
 - (c) Whiteboard (except portable type)
6. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or re-mounting of any screen, (and any other ancillary activities), delivery, handling, freight, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, or during, associated with, or related to such installation, de-installation, re-installation or transport.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

Unless otherwise specified to the consumer the benefits conferred by this express warranty are additional to all other conditions, warranties, guarantees, rights and remedies expressed or implied by the Trade Practices Act 1974 and similar consumer protection provisions contained in legislation of the States and Territories and all other obligations and liabilities on the part of the manufacturer or supplier and nothing contained herein shall restrict or modify such rights, remedies, obligations or liabilities.

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the **Panasonic Australia website**
www.panasonic.com.au or by phone on **132 600**
If phoning in, please ensure you have your operating instructions available.

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