

Specifications

Power requirement:	DC 1.5 V [1 AAA size (LR03, AM-4) battery] DC 1.2 V [1 Nickel-metal hydride rechargeable battery]
Power output:	90 mW (max.)
Frequency response:	300 Hz – 4,000 Hz (HQ mode)
S/N:	38 dB (HQ mode)
Jack:	
Output jack;	Earphone, 3.5 mm; 1.4 mW 16 Ω
Input jack;	Mic, 3.5 mm; 0.56 mV plug in power
Speaker:	15 mm; 8 Ω
Multi cradle:	
Speaker/Power output;	36 mm; 8 Ω / 300 mW (max.)
Dimensions (W×H×D):	
Max dimensions;	21.4 × 115.0 × 16.9 mm
Cabinet dimensions;	19.0 × 115.0 × 13.2 mm
Mass:	About 41 g (with battery) About 29 g (without battery)
Operational temperature range:	0 °C – 40 °C
Rechargeable temperature range:	5 °C – 40 °C

Battery life:
[When used at 25 °C on a flat, stable surface]

Battery	Playback	Recording
Panasonic alkaline battery	About 12 hours	About 26 hours
Rechargeable battery (included)	About 9 hours	About 18 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.

Panasonic®

IC Recorder Operating Instructions RR-US006



Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully.

Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

Note:

"EB" on the packaging indicates the United Kingdom.

EG EB GC GK En

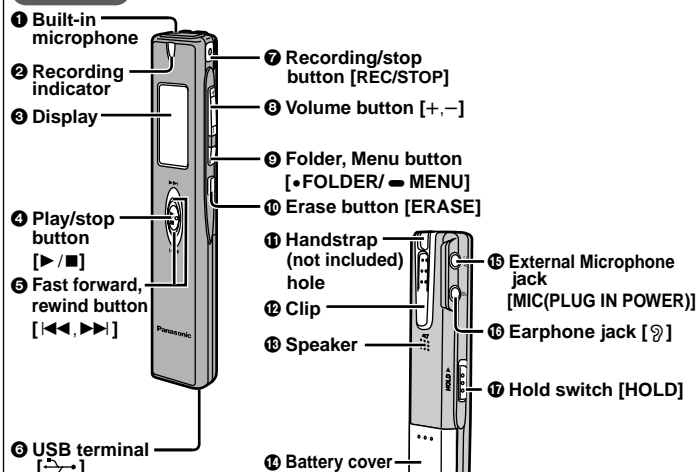
Matsushita Electric Industrial Co., Ltd.

Web Site: <http://www.panasonic.co.jp/global/>

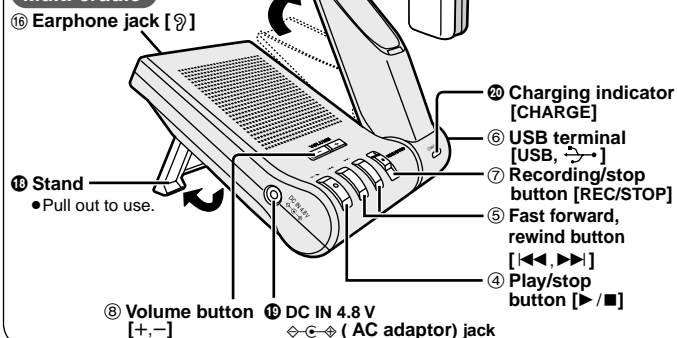
RQT6829-4B
F0203YH5093

Control guide

Main unit



Multi cradle



Supplied accessories

- 1 AC adaptor (for multi cradle): DE-890DA
 - 1 AC mains lead (for AC adaptor)
The United Kingdom: RJA0053-3X
Australia and N.Z.: RJA0035-K
China: RJA0055-1K / **Other areas:** RJA0019-2X
 - 1 Multi cradle
China: RFE0116B / **Other areas:** RFE0116C
 - 1 Pair of stereo earphones: LOBAB0000172
 - 1 USB cable: K1HA12BD0001
 - 1 External microphone (monaural): LOFBBA000002
 - 1 CD-ROM (Voice Editor 3)
 - 1 Nickel-metal hydride rechargeable battery (Recommended replacement: HHR-4AH)
- For areas except Europe and China:**
 1 Power plug adaptor: K2DA42E00001

● Use numbers indicated when asking for replacement parts.
Note
 The included AC mains lead is for use with this unit only. Do not use it with other equipment.

For the United Kingdom and Republic of Ireland:

shop@ Panasonic www.panasonic.co.uk (for UK customers only)

- Order accessory and consumable items for your product with ease and confidence by telephoning our Customer Care Centre Mon-Friday 9:00am-5:30pm. (Excluding public holidays.)
- Or go on line through our Internet Accessory ordering application.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!

Customer Care Centre
 For UK customers: 08705 357357 For Republic of Ireland customers: 01 289 8333

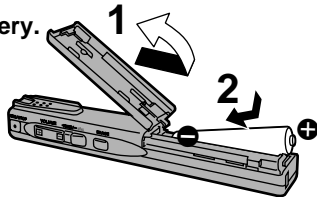
Technical Support For UK customers: 0870 1 505610

This Technical Support Hot Line number is for Panasonic PC software related products only.
For Republic of Ireland, please use the Customer Care Centre number listed above for all enquiries.
For all other product related enquiries, please use the Customer Care Centre numbers listed above.

Power supply

Rechargeable battery Recharge before first use.

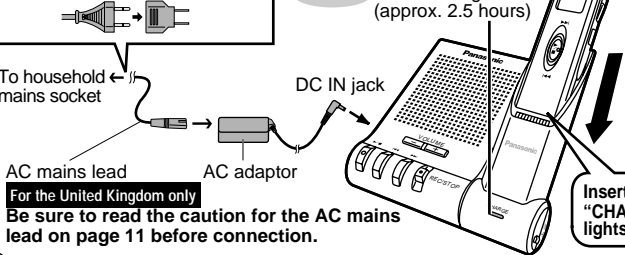
1 Insert the battery.



2 Recharge.

Except for Europe, Australia, N.Z. and China

If the power plug will not fit your socket, use the power plug adaptor.



THE SOCKET OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

- You can use the unit while the battery is recharging. Recharge while the unit is stopped (page 6-7) to fully recharge.
- You can recharge Panasonic rechargeable battery even if it is only partially drained.
- You can recharge the battery about 300 times. It has reached the end of its useful life if play time dramatically reduces after recharging.
- Disconnect the AC adaptor to save power if you are not going to use the unit for a long time.
- The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

Dry cell battery (not included)

- Use a long life "AAA, LR03, AM-4" alkaline battery.
- Insert the same way as the rechargeable battery.

Multi cradle and AC adaptor

Insert either a rechargeable or dry cell battery.

- The multi cradle works on AC and the main unit works on the battery.
- When using a rechargeable battery, it is recharged as you use the unit so you can use it over a longer time.
- When using a dry cell battery, you can use the unit until the battery goes flat.

The battery indicator (displayed during operation)

FULL ▶ **EMPTY**

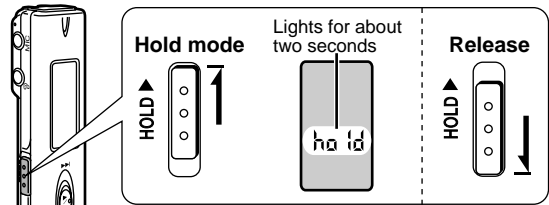
Replace the battery when the indicator flashes.

Change the battery within 20 seconds to preserve memory items.

If you operate the unit in the cradle while a dry cell battery is inserted, the whole indicator flashes.

Hold function

This causes the unit to ignore accidental button presses. You cannot operate the multi cradle if hold is on.



■ To save the battery

While stopped, switch to hold so the display turns off.

Setting the time

The year (2003) starts flashing on the display after you insert a battery. (See "Correcting the time settings" below if it doesn't.)

Repeat the **SELECT**) **SET** steps to set the clock.

The clock has a monthly accuracy of +/- 60 seconds at room temperature.

① **SELECT** ② **SET**

Within 10 seconds

Year Month Day 12 or 24 hour Time Clock

HQ
AJ 00
00:00

Starts flashing when finished

Correcting the time settings

1. While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.
- Do each of the following within 10 seconds
2. Press [◀▶] until "yEAR" appears.
3. Press [▶/■].
4. Follow the above steps to change the setting you want to correct.
- Start from the beginning again if the display returns to the clock partway through.
- Press [•FOLDER/ = MENU] for two seconds to stop partway through.

Turning the operation beep on and off

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

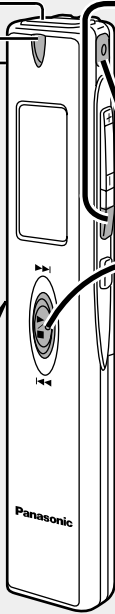
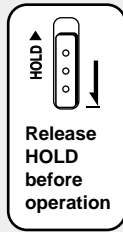
- 2 Press [◀▶] until "bBEEP" appears.
- 3 Press [▶/■].
- 4 Press [◀▶] to select "bE On" or "bE OFF".
- 5 Press [▶/■].

- Start from the beginning again if the display returns to the clock partway through.
- Press [•FOLDER/ = MENU] for two seconds to stop partway through.

Recording

Recording sound is monaural.

Built-in microphone
Recording indicator
[MIC] jack

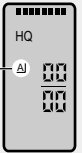


Store files in 4 folders (A, B, C and D). Each folder holds up to 99 files.

1 Press [•FOLDER/ = MENU] to select the folder.

Each time you press the button:

A) B) C) D
^ _ _ _ _ _ |



2 Change the recording quality.

1. While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2. Press [▶/■].

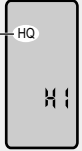
3. Press [◀◀, ▶▶] to select the recording quality.

Each time you press the button: HQ . . SP . . LP

4. Press [▶/■].

• Start from the beginning again if the display returns to the clock partway through.

• Press [•FOLDER/ = MENU] for two seconds to stop partway through.



Recording quality	Available recording time
HQ (High quality)	65 minutes
SP (Standard play)	130 minutes
LP (Long play)	420 minutes

• Use HQ or SP if the sound source is far away.

You can also change the microphone sensitivity and VAS setting. (See below)

3 Press [REC/STOP] to start recording.

The recording indicator lights.

Each time you press [•FOLDER/ = MENU]:

Recording time

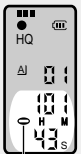
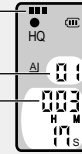
Recording level

Available recording time

File number

Recording time

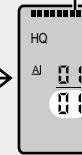
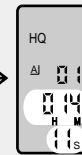
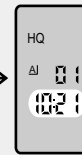
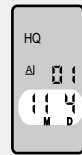
• Available recording time also appears when the remaining time becomes very short.



Available recording time

4 Press [REC/STOP] to stop recording.

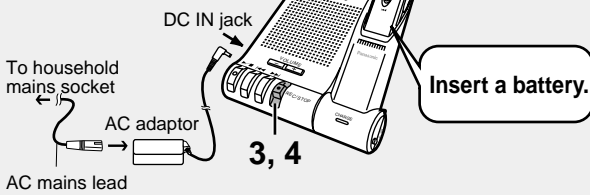
Information for the file appears one after the other:



Remaining memory

■ Using in the multi cradle

Do steps 1 and 2 on the main unit.



■ Recording through the external microphone

The built-in microphone switches off.
Connect the included microphone to the [MIC] jack.

Changing microphone sensitivity

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2 Press [◀◀, ▶▶] until "SEnS" appears.

3 Press [▶/■].

4 Press [◀◀, ▶▶] to select "HI SEnS" or "LO SEnS".

HI SEnS (High): For recording lectures

LO SEnS (Low): For recording close to the mouth

5 Press [▶/■].

Preventing unnecessary recording (VAS: Voice activated system)

VAS detects silence and pauses recording automatically. It is especially effective when microphone sensitivity is set to LO SEnS.

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2 Press [◀◀, ▶▶] until "☉" appears.

3 Press [▶/■].

4 Press [◀◀, ▶▶] to select "On".

5 Press [▶/■].

"☉" and recording indicator flash while VAS is waiting for a sound to record.

■ To turn the function off:

Select "OFF" in step 4.

• Start from the beginning again if the display returns to the clock partway through.
• Press [•FOLDER/ = MENU] for two seconds to stop partway through.

Timer recording

Preparation: Select the folder and recording quality (Steps 1 and 2 above).

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2 Press [◀◀, ▶▶] until "•☉REC" appears.

3 Press [▶/■].

4 Press [◀◀, ▶▶] to select "On".

5 Press [▶/■].

6 Set the times.

① Press [◀◀, ▶▶] to set the on time.

② Press [▶/■].

③ Press [◀◀, ▶▶] to set the off time.

④ Press [▶/■].

When finished, the display changes in the following order:

ON time # OFF time # Current number of files # Clock

"•☉" flashes during recording and goes out when finished. (The setting is also canceled.)

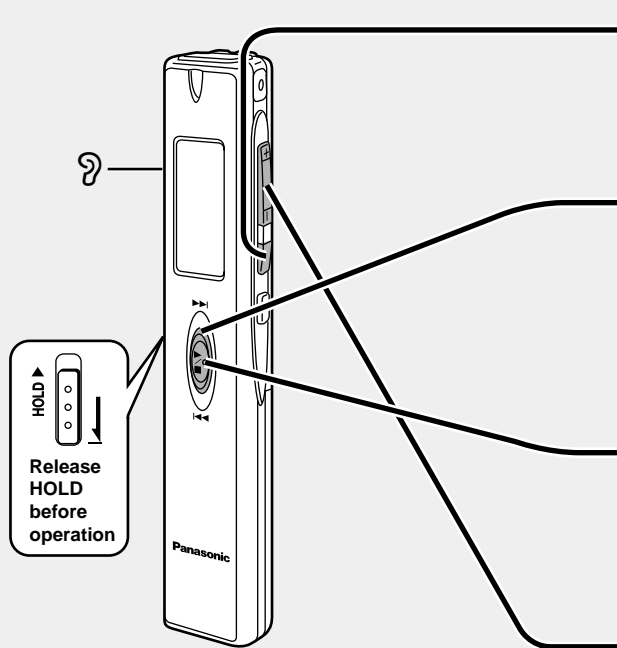
■ To check the timer settings:

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.
2 Within 10 seconds, press [◀◀, ▶▶] until "•☉REC" appears and press [▶/■].

■ To cancel the timer:

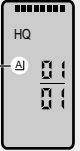
Select "OFF" in step 4.

• Start from the beginning again if the display returns to the clock partway through.
• Press [•FOLDER/ = MENU] for two seconds to stop partway through.



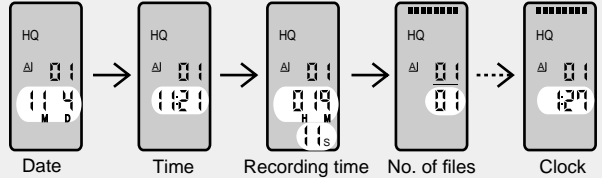
1 Press [•FOLDER/ = MENU] to select the folder.
Each time you press the button:

A) B) C) D)
^) -----)



2 Press [◀▶] to select the file.

Information for the file appears one after the other:



3 Press [▶/■] to play.

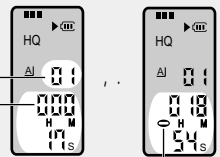
Each time you press [•FOLDER/ = MENU]:

Elapsed play time

File number

Remaining play time

Elapsed play time

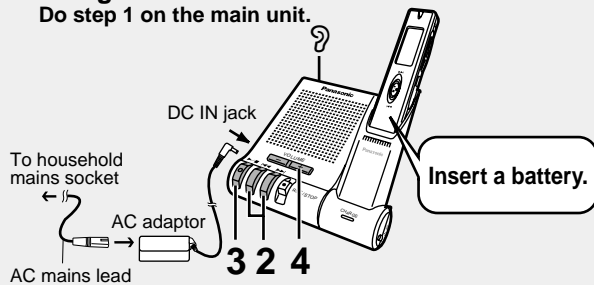


Remaining play time

4 Adjust the volume.

Using in the multi cradle

Do step 1 on the main unit.



Using an earphone

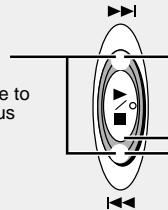
Connect to [🔌] on the main unit.

(Connect to [🔌] on the multi cradle when using in it.)

Sound will not be heard from the speaker.

Skip

- Press during play.
 - ◀◀: backward (twice to skip the previous file)
 - ▶▶: forward



Search

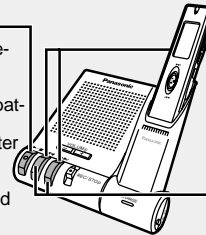
- Press and hold during play.
 - ◀◀: backward
 - ▶▶: forward

Stop play

- The clock appears after about 10 seconds.
- Press to resume play from where you stopped it.

Stop play

- When using a rechargeable battery, recharging starts.
- When using a dry cell battery, the clock appears after about 10 seconds.
- Press to resume play from where you stopped it.



Skip

- Press during play.
 - ◀◀: backward (twice to skip the previous file)
 - ▶▶: forward

Search

- Press and hold during play.
 - ◀◀: backward
 - ▶▶: forward

Listening to the first 5 seconds of each file (Intro-scan)

1 While stopped, press [•FOLDER/ = MENU] to select the folder.

2 Press and hold [▶/■] for two seconds.

The file number flashes and the first five seconds play. If you want to listen to a file in full, press [▶/■] while it is playing.

Changing playback speed

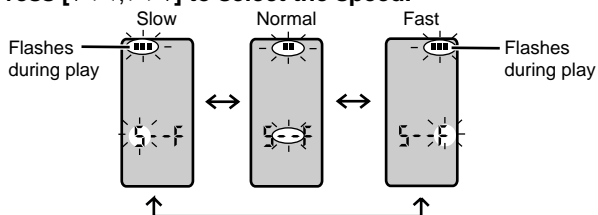
1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2 Press [◀▶] until "S- -F" appears.

3 Press [▶/■].

4 Press [◀▶] to select the speed.



5 Press [▶/■].

- Start from the beginning again if the display returns to the clock partway through.
- Press [•FOLDER/ = MENU] for two seconds to stop partway through.

Timer playback

Preparation: Select the file (Steps 1 and 2 above).

1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

2 Press [◀▶] until "⊙▶PLAY" appears.

3 Press [▶/■].

4 Press [◀▶] to select "On".

5 Press [▶/■].

6 Set the time.

① Press [◀▶] to set the on time.

② Press [▶/■].

When finished, the display changes in the following order:
ON time # Selected file number # Clock

"⊙▶" flashes during play and goes out when finished. (The setting is also canceled.)

To check the timer settings:

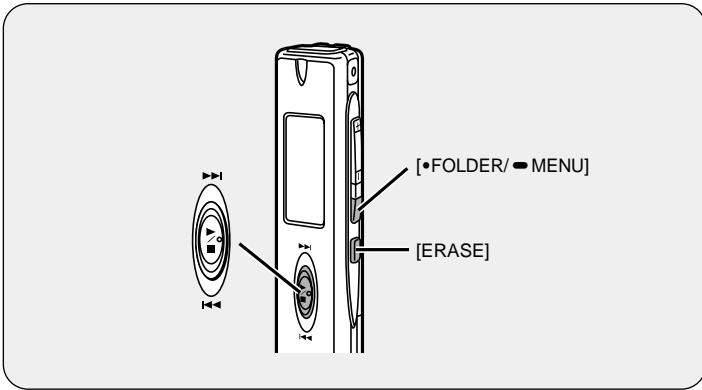
- 1 While stopped, press and hold [•FOLDER/ = MENU] until "HQ SP LP" appears.
- 2 Within 10 seconds, press [◀▶] until "⊙▶PLAY" appears and press [▶/■].

To cancel the timer:

Select "OFF" in step 4.

- Start from the beginning again if the display returns to the clock partway through.
- Press [•FOLDER/ = MENU] for two seconds to stop partway through.

Editing



Locking files

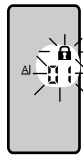
- 1 While stopped, press [FOLDER/MENU] to select the folder.
- 2 Press and hold [FOLDER/MENU] until "HQ SP LP" appears.

Do each of the following within 10 seconds

- 3 Press [LEFT/RIGHT] until "🔒" appears.
- 4 Press [PLAY/PAUSE].
- 5 Press [LEFT/RIGHT] to select the file.
- 6 Press [PLAY/PAUSE].

■ To unlock

Do the above steps and select the file you want to unlock in step 5 and press [PLAY/PAUSE]. "🔒" goes out.

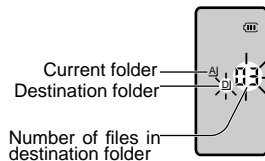


Moving files

- 1 While playing the file you want to move, press and hold [FOLDER/MENU] until the display starts flashing.

Do each of the following within 10 seconds

- 2 Press [LEFT/RIGHT] to select the folder you want to move the file to.

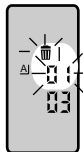


- 3 Press [PLAY/PAUSE].

Erasing files

You cannot restore files you erase.

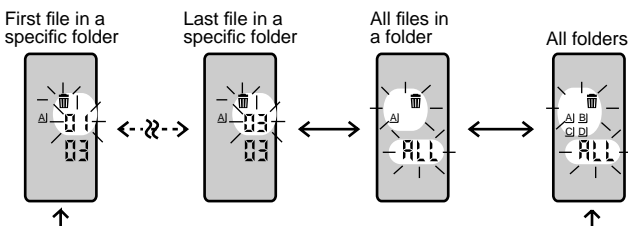
- 1 While stopped, press [FOLDER/MENU] to select the folder (start from step 2 during play).
- 2 Press and hold [ERASE] until "🗑️" and the file number flash.



Do each of the following within 10 seconds

- 3 Press [LEFT/RIGHT] to select the file you want to erase.

The display changes in the following order:



- 4 Press [ERASE].

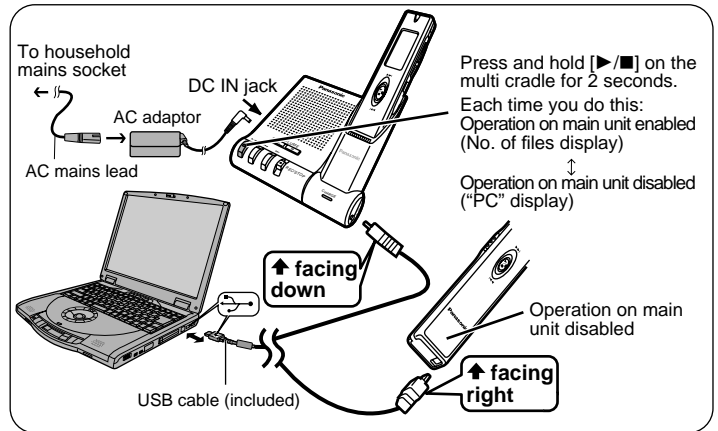
- Start from the beginning again if the display returns to the clock partway through.
- Press [FOLDER/MENU] for two seconds to stop partway through.

Using the unit with a computer

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

- 1 Install Voice Editor 3 from the CD-ROM.
- 2 Connect the main unit or multi cradle to a computer with the USB cable. For details, read the PDF and installation manual for Voice Editor 3.

Connecting to a computer



"PC" flashes when transferring data.
(Do not disconnect the USB cable or take the unit out of the multi cradle while this is flashing.)

Caution:

- Use only the provided shielded interface cables with ferrite cores when connecting to computer.
- To reduce risk of radio interference caused by headphone-, earphone- or microphone cable, only use adequate accessories with cable length less than 3 m.

Care and Use

■ 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 the doors and windows closed.
- To avoid product damage, do not expose this product to rain, water or other liquids.
- Do not keep this unit and magnetized cards (bank cards, commuter passes, etc.) close together.
- The speaker does not have magnetic shielding. Do not place it near televisions, personal computers or other devices easily influenced by magnetism.

■ Battery

- Do not peel off the covering on battery and do not use if the covering has been peeled off.
- Align the poles ⊕ and ⊖ correctly when inserting the battery.
- Remove the battery if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Do not attempt to recharge dry cell battery.
- When carrying battery in a pocket or bag, ensure no metal objects such as necklaces are placed together with them. Contact with metal may cause short-circuiting which can cause a fire. For safety, carry the rechargeable battery in the battery carrying case.

■ 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.

Marking sign is located on bottom of the unit.

Troubleshooting Guide

Before requesting service, make the below 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:

Symptom	Checkpoints
No operation.	<ul style="list-style-type: none"> •The hold function is on. (page 3) •Make sure the battery cover is closed. •Make sure the battery is correctly inserted. •You cannot operate when the unit is connected directly to a computer. To operate it while it is in the multi cradle, press and hold [▶/■] on the cradle for 2 seconds to enable operation. (page 9)
“U01” appears on the display.	<ul style="list-style-type: none"> •The battery has run down.
“2003” flashes.	<ul style="list-style-type: none"> •Set the clock. (page 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 clock. (page 3)
Playback speed is too fast or slow.	<ul style="list-style-type: none"> •Set play speed to normal. (page 6)
“FULL” appears.	<ul style="list-style-type: none"> •There are 99 files in the folder. •There is no remaining recording time. – Erase unneeded files. (page 8)
No sound from the speaker.	<ul style="list-style-type: none"> •There is no sound when you have connected an earphone.
Cannot erase a file or folder.	<ul style="list-style-type: none"> •The file is locked. (page 8) •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.
A recording disappeared.	<ul style="list-style-type: none"> •Recordings can disappear if the unit receives a shock (e.g. it is dropped), or if the battery and cover come loose during recording.
Available recording time does not increase correspondingly after erasing files.	<ul style="list-style-type: none"> •This can occur after repeatedly recording and erasing files. Unlock all your files, then erase all folders to remedy this. (page 8)
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 clock. (page 3)
Timer recording/playback does not work.	<ul style="list-style-type: none"> •The settings are canceled if the battery is 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 2 or more seconds.
The unit becomes warm during recharging.	<ul style="list-style-type: none"> •The unit normally becomes warm during recharging.
Cannot operate while the unit is in the multi cradle.	<ul style="list-style-type: none"> •Make sure you have inserted a battery. (page 2)
Voice Editor 3 does not start or does not work correctly with the IC recorder.	<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 Editor 3. 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.

Maintenance

To clean this unit, wipe 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.

Caution for AC Mains Lead

(For United Kingdom)



(“EB” area code model only)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

CAUTION!

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as stated below.

If in any doubt please consult a qualified electrician.

IMPORTANT


The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral, Brown: Live.

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL  OR COLOURED GREEN OR GREEN/YELLOW.

THIS PLUG IS NOT WATERPROOF—KEEP DRY.

Before use

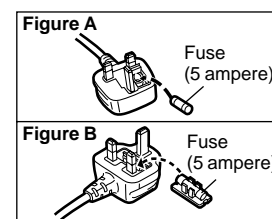
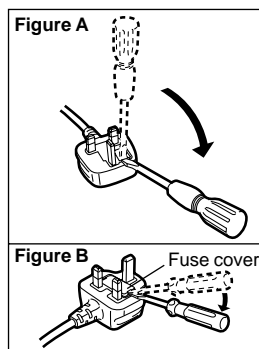
Remove the connector cover.

How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.
2. Replace the fuse and close or attach the fuse cover.



WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.