



Panasonic

Operating Instructions IC Recorder

Model No. **RR-US361**
RR-US360
RR-QR160

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.

Matsushita Electric Industrial Co., Ltd.
Web Site: <http://www.panasonic.co.jp/global/>



RQT7165-B
F0104TJ0

Before use

Hint 1
Release hold before operation

There is no power button.

Hint 2
Recorded contents are stored in folders

A maximum of 99 files can be stored in each folder.

Hint 3
Use HQ to record with high sound quality and SP for long recordings

Recording mode and recording time total of all folders
Long recording time

Hint 4
Change the microphone sensitivity according to the distance

When recording close to the source: LO
When recording the source from a distance: HI

Supplied accessories

RR-US361	USB cableK1HA09BD0001
	Monaural microphoneL0FBBA000002
	CD-ROM (Voice Studio)L0FBBA000002
	CD-ROM (Dragon NaturallySpeaking™7 Preferred)L0FBBA000002
RR-US360	USB cableK1HA09BD0001
	CD-ROM (Voice Studio)L0FBBA000002

● Use numbers indicated when asking for replacement parts.

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.

Recording

- Select meeting or dictation recording
- Select the folder
- Select the recording mode
- Select the microphone sensitivity
- Recording (Monaural recording)

Meeting recording

Each time you press [FOLDER/MENU], folders A, B, C, D are selected.

Each time you press [REC MODE], recording modes HQ, FQ, SP are selected.

Press and hold [FOLDER/MENU] to enter [SEnSE] menu.

[ENTER] to select [HI] or [LO].

[ENTER] to start recording.

Dictation recording

When dictation recording, the following settings are automatically set:
(Dictation folder is set) (HQ mode is set) (Dictation recording mode is set)

Recording information display:
 (Recording date) (Recording start time) (Recording time) (Total number of files)

Menu display

Use [LEFT] [RIGHT] to change the menu and [ENTER] to enter.

Press and hold [FOLDER/MENU] (More than 2 seconds).

E.g.: Microphone sensitivity

- Not displayed during dictation recording
- Displayed only when there is a recorded file.
- Displayed only when the time is set.

Other recording methods

Recording automatically pauses when there is no sound.

Preventing unnecessary recording
 1 Enter the menu mode 2 Select "OFF" 3 Select "On"
 Press and hold [FOLDER/MENU] → [LEFT] [RIGHT] → [ENTER] → [LEFT] [RIGHT] → [ENTER]

■ To turn the function off → select "OFF" in step 3.
 † Turn the function off when recording important files.

■ **Checking the remaining recording time available**
 (During recording) Press again to return to the elapsed recording time display.
 Available recording time

■ **Recording through an external microphone (RR-US361) (included)**
 Plug type: 3.5 mm monaural
 (The built-in microphone switches off.)
 Use a plug-in power compatible microphone monaural.

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

Preparation 1 Inserting batteries

AAA, LR03, AM-4 battery (not included)

● If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended. (Rechargeable batteries may not last as long as regular batteries.)

The battery indicator (displayed during operation)

Replace the batteries within 30 seconds to preserve the settings. Recordings remain intact.

Playing/Erasing

- Select the folder
- Select file or folder
- Play/Erase

■ **Basic operations during play**

- Press and hold to turn one file repeat play On/Off. (You cannot use repeat when setting continuous play. (* page 4))
- Backward: Press to return to the beginning of the file. (Press twice to return to the previous file)
- Forward: Press to go to the beginning of the next file. (Press and hold to search.)
- Stop play: (Press [] to resume play.)
- Listen to the first 5 seconds of each file (Intro scan): 1 Select the folder → 2 Press and hold [] (Press again to return to normal play) → Repeat play settings are automatically canceled.

■ **Playing**

- A-D folder:** Use [LEFT] [RIGHT] to select. After selecting, information at the time of recording is displayed. [] (Play)
- Dictation folder:** (The dictation folder is selected) Press and hold [ERASE] → Use [LEFT] [RIGHT] to select → [ERASE] (Erase)
- Selected file: []
- All files in a folder: [ALL]
- All folders: [ALL]

! You cannot restore files you erase.

Other play methods

Changing the play speed (5 levels)
 1 Enter the menu mode 2 Select "SPEEd" 3 Select the speed
 Press and hold [FOLDER/MENU] → [LEFT] [RIGHT] → [ENTER] → [LEFT] [RIGHT] → [ENTER]

■ To return to normal play
 While stopped, press and hold (more than 3 seconds) [] → [SPEED]

Plays the files in the folder continuously.

Continuous play
 1 Enter the menu mode 2 Select "▶▶▶" 3 Select "On"
 Press and hold [FOLDER/MENU] → [LEFT] [RIGHT] → [ENTER] → [LEFT] [RIGHT] → [ENTER]

! Repeat play settings are automatically canceled.
 ■ To turn the function off → select "OFF" in step 3.

■ **Displaying the remaining play time**
 (During playing) Press again to return to the elapsed play time display.
 Remaining play time

■ **Listening with the earphones (not included)**
 Plug type: 3.5 mm monaural

Preparation 2 Setting the time

Flashes until the time is set.

● When the year is flashing (e.g. 2004), begin from step 3.

- Enter the menu mode
 Press and hold [FOLDER/MENU] → [SEnSE] (A menu is displayed.)
- Select "yEAR"
 Use [LEFT] [RIGHT] to select [yEAR] → [ENTER]
- Set the time
 ■ Year: Use [LEFT] [RIGHT] to select [2004] → [ENTER]
 ■ Month/day: Use [LEFT] [RIGHT] to select [12/24] → [ENTER]
 ■ Time display (12/24H): Use [LEFT] [RIGHT] to select [12/24] → [ENTER]
 ■ Time: Use [LEFT] [RIGHT] to select [9:00] → [ENTER]

The clock has a monthly accuracy of +/- 60 seconds at room temperature.
 When replacing the batteries, the clock stops and restarts when you reinsert them and close the battery cover.

Organizing

- Play a file
- Enter the move mode
- Select the destination folder
- Move

Move: (Play the file you want to move) Press and hold [FOLDER/MENU] → Use [LEFT] [RIGHT] to select → [ENTER]

Destination folder: []
 Number of files in destination folder: []
 ! You cannot move a file from A-D folder to the dictation folder.

- Select the folder
- Enter the menu mode
- Select "LOCK"
- Select the file
- Lock

File lock: [FOLDER/MENU] → Press and hold [FOLDER/MENU] → Use [LEFT] [RIGHT] to select → [ENTER] → Use [LEFT] [RIGHT] to select → [ENTER]

■ To unlock → Do the above steps and select the file to unlock in step 4 and press [].

Saving (dubbing)

Recording to a cassette tape recorder

Select the file to dub and play → Recording

Audio cable (not included)
 Monaural mini plug Stereo mini plug Stereo MIC
 Monaural mini plug (not included) Monaural mini plug Monaural MIC

Recording from a cassette tape recorder

Recording → Select the track to dub and play

Audio cable (not included)
 Monaural mini plug Stereo mini plug Headphone jack
 Monaural mini plug Monaural mini plug

● Read along with the operating instructions of equipment you are connecting.
 ● The recorded sound quality may differ from the original recording.
 ● Adjust the recording volume on the source to the desired level.

Using the timer

Preparation: Select the folder and recording mode (← page 2, 3)

Timer recording

- Enter the menu mode
- Select "••, REC"
- Set the time

Use [FOLDER/MENU] to select "On" (ENTER)

Use [FOLDER/MENU] to select the start time (ENTER)

Use [FOLDER/MENU] to select the end time (ENTER)

Press and hold [FOLDER/MENU]

Preparation: Select the file (← page 2, 3)

Timer play

- Enter the menu mode
- Select "••, PLAY"
- Set the time

Use [FOLDER/MENU] to select "On" (ENTER)

Use [FOLDER/MENU] to select the start time (ENTER)

Press and hold [FOLDER/MENU]

To cancel the timer → select "OFF" in step 3-③.

To confirm the set time → From the menu (← page 4), select "••, REC" or "••, PLAY" and press [FOLDER/MENU].

! Even when "••" or "••" are displayed during timer play, the repeat play or continuous play cannot be used.

Part names

Display

- Recording level (When recording)/Remaining memory
- Recording mode
- Folder
- File
- Recording (play) elapsed time
- Current time (In standby mode)

External microphone jack

Earphone jack

Hold

Clip

Battery cover

Handstrap hole

Display

Folder/Menu

Erase

Play/enter [▶], stop [■], fast forward, rewind/select [◀▶]

Speaker

Built-in microphone

Recording indicator

Recording/stop

Meeting/Dictation

Volume (+, -)

Recording mode

USB connector [▶]

Installing Voice Studio

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

1 Installing Voice Studio

- Start Windows.
- Insert the included CD-ROM into your computer's CD-ROM drive.
 - The program installer starts automatically.
 - When the installer does not automatically start
 - From the "Start" menu click on "Run".
 - Type " \launcher\SVI\launcher.exe" and click on "OK".
- Follow the on-screen instructions.
- Click "Finish" from the Installshield Wizard Complete screen.
 - Selecting "Yes, I want to restart my computer now" automatically re-starts the computer and completes installation.

2 Starting Voice Studio

Double click on the "Voice Studio" icon on the desktop.

After double clicking, follow the on-screen instructions.

Using the operating instructions (PDF file)

From the Windows "Start" menu, click on "All programs" -> "Voice Studio" -> "Voice Studio Operating Instructions" or from the "Help (H)" menu in the Voice Studio main screen, click on "Operating Instructions".

Note

- If DirectX 8.1 or later is not installed on your computer, follow the instructions that appear on-screen.
- If Dragon NaturallySpeaking ver.6 or later is not installed on your computer, Dragon NaturallySpeaking Components is automatically installed at the same time. This program is necessary when a link is made to Dragon NaturallySpeaking (RR-US360 not included). Do not uninstall.
- 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.
- Uninstall the following before installing Voice Studio. You cannot install two versions of Voice software on the same computer.
 - Voice Editor 3 - Voice Editor 2 - SD Voice Editor Ver.1.x
- Sound files made with previous versions will remain intact, but you should back them up to be sure.

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.

Operating system:

- Microsoft® Windows® 98 Second Edition, Microsoft® Windows® Millennium Edition, Microsoft® Windows® 2000 (Professional, SP2, SP3, and SP4), Microsoft® Windows® XP (Home Edition, Professional, and SP1).

* This software cannot be used on Microsoft® Windows® 3.1/95/98, Windows NT® or Macintosh® operating systems. Correct operation cannot be guaranteed when used on Windows® 98SE, Windows® Me, Windows® 2000, or Windows® XP upgraded from Windows® 3.1/95/98 or Windows NT®.

- Under Windows® 2000 and Windows® XP, this software can only be used by the administrator.

System requirements:

- CPU: Intel® Pentium® II 333 MHz or better, or equivalent processor (Intel® Pentium® III 500 MHz or better recommended) (Intel® Pentium® III 700 MHz or better recommended to use the Waveform feature.)
- RAM: Windows® 98 SE, Windows® Me: 64 MB or better (128 MB or better recommended) Windows® XP: 128 MB or better (256 MB or better recommended) (Windows® 98SE, Windows® Me: 256 MB or better, Windows® 2000, Windows® XP: 512 MB or better recommended to use the Waveform feature.)
- Hard disk space: 70 MB or better. An extra 25 MB will be required to install Acrobat® Reader® (included). An extra 50 MB will be required to install DirectX® 9.0b (included). When using the Waveform feature, an extra 220 MB per hour of sound file may be required temporarily.
- Required software: DirectX® 8.1 or later, Internet Explorer 5.5 or later
- Drive: CD-ROM drive (for installation)
- Sound board: Windows compatible sound device
- Display: Set to high color (16 bit color) or better, with a resolution of 800x600 dots or better (1024 x 768 or better recommended).
- Interface: USB Port (Operation cannot be guaranteed if you use a USB hub or extension cable.)

Operation is not guaranteed even if your computer environment satisfies the requirements shown. Operation is not guaranteed on a computer you have built yourself. Refer to the system requirements for the voice recognition software if you intend to use it.

Various functions

Canceling the operation beep

- Enter the menu mode
- Select "bEEP"
- Select "OFF"

Press and hold [FOLDER/MENU] → [FOLDER/MENU] → [FOLDER/MENU] → [FOLDER/MENU] → [FOLDER/MENU] (ENTER)

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)

"hold" is displayed if a button is pressed while hold is on.

To release → move down

While stopped, switch to hold to save the batteries.

Using the unit with a computer

- Install Voice studio. (and Dragon NaturallySpeaking® 7 Preferred for RR-US361)
- Connect this unit to a computer with the USB cable.
 - This unit cannot be operated.

For details, read the installation instructions for Voice Studio and Dragon NaturallySpeaking® (← below and page 5)

Connect one IC Recorder only while using Voice Studio. This software does not support simultaneous use of multiple IC recorders.

When connected to a computer "PC" appears, and when transferring data, "PC" flashes! Do not disconnect the USB cable while this is flashing.

Caution: Use only the included USB cable with a ferrite core when connecting to computer.

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"> The hold function is on. (← page 6) Make sure the battery cover is closed. Make sure the batteries are correctly inserted. Make sure the battery cover is attached to the rubber strap RR-US361 RR-US360 You cannot operate when the unit is connected to a computer.
"U01" appears on the display.	<ul style="list-style-type: none"> The battery has run down.
"2004" flashes.	<ul style="list-style-type: none"> Set the time. (← page 1)
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. (← page 2, 3)
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 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 the Dictation folder. (← page 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 if the batteries 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.
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 canceled if the batteries are removed and the clock settings clear. 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. When sound other than voice is recorded, this may occur during playback.
Sound is distorted.	<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 Studio. 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.

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 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.
- 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 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 batteries.
 - Mishandling of batteries 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.
- 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.

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- Other names of systems and products mentioned in these instructions are usually the registered trademarks or trademarks of the manufacturers who developed the system or product concerned.
- The "TM" and "R" marks are not used to identify registered trademarks and trademarks in these instructions.

Specifications

Power output: 300 mW (max.)

Frequency response: 240 Hz - 5,100 Hz (HQ mode) 230 Hz - 3,400 Hz (FQ/SP mode) 36 dB (HQ mode)

Battery life: (When used at 25 °C on a flat, stable surface)

Batteries	mode	Play back	Recording
Panasonic alkaline batteries	HQ	About 9 hours 30 minutes	About 14 hours 30 minutes
	FQ/SP	About 11 hours 30 minutes	About 19 hours 30 minutes

Dimensions (W×H×D):

Model	Dimensions (mm)
RR-US361	35.0 × 100.2 × 24.0 mm
RR-US360	35.0 × 99.6 × 24.0 mm
RR-QR160	32.8 × 99.3 × 22.5 mm

Cabinet dimensions:

Batteries	mode	Play back	Recording
Panasonic alkaline batteries	HQ	About 10 hours	About 15 hours
	FQ/SP	About 12 hours	About 20 hours

Mass:

- with batteries: RR-US361 RR-US360 About 62 g RR-QR160 About 61 g
- without batteries: RR-US361 RR-US360 About 39 g RR-QR160 About 38 g

Operational temperature range: 0 °C - 40 °C

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

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WARRANTY

- The product is warranted for labour and parts for twelve (12) months from the date of purchase.
 - This Warranty is for normal domestic use only and excludes any defect or injury caused by or resulting from misuse, abuse, neglect, accidental damage, improper voltage, vermin infestation or any alteration which affects the reliability or performance of the unit, not attributable to faulty manufacture, parts and labour.
 - This warranty does not cover the following items unless fault or defect being complained of existed at the time of purchase.
 - (a) Video or Audio Tapes.
 - (b) Video or Audio Heads and Stylus resulting from wear and tear in normal use.
 - (c) Shaver Heads or Cutters.
 - (d) Cabinet parts.
 - (e) Batteries.
 - If warranty service is required you should:
 - Contact your nearest Panasonic Authorised Service Centre.
 - Enclose a copy of your purchase receipt as proof of date of purchase.
 - Send or bring the product to Panasonic Authorised Service Centre. Warranty does not include any freight to and from the user or insurance so please arrange this yourself.
 - Note that home service is available for following products in the Metropolitan area or the normal operating areas of the nearest Authorised Service Centres:
 - Television Receivers (Screen size greater than 39 cm)
 - Electronic Organs or Pianos
 - Microwave Ovens
 - Washing Machines
 - The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freight, or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with, transit.
- (Unless otherwise specified in 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 SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

IF YOU REQUIRE ASSISTANCE REGARDING WARRANTY CONDITIONS, OR ANY OTHER ENQUIRIES, PLEASE TELEPHONE:

PANASONIC CUSTOMER CARE CENTRE 132 600

PANASONIC AUSTRALIA PTY. LIMITED OFFICE LOCATIONS:

NEW SOUTH WALES
P.O. Box 505 Frenchs Forest N.S.W. 2086

VICTORIA
Private Mail Bag 13, South Eastern Mail Centre VIC 3176

SOUTH AUSTRALIA
P.O. Box 500 Willand 5007

WESTERN AUSTRALIA
P.O. Box 376 Withpeter 6986

QUEENSLAND
P.O. Box 260 Nundah QLD 4012

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