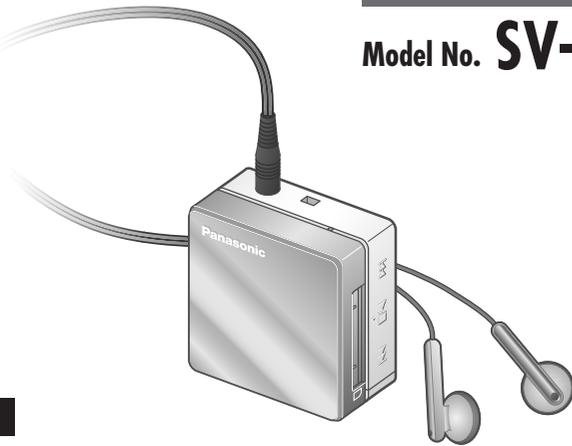# Panasonic®

Operating Instructions
SD Audio Player

Model No. SV-SD100V

SD™

Dear Customer
Thank you for purchasing this product.
Before connecting, operating or adjusting this product, please read the instructions completely. Please keep this manual for future reference.

Caution	**Note**
This unit is not waterproof and should not be exposed to excessive moisture.	"EB" on the packaging indicates the United Kingdom.

EG	EB	GC	GK	GN	GH	(En)

### ■ Supplied accessories
☐ **Stereo earphones** (L0BAB0000192) —1pc

☐ **Rechargeable battery with case** —1pc
Recommended replacement rechargeable battery: HHF-AZ10
(Nickel-metal hydride rechargeable battery)

☐ **AC adaptor** —1pc
For the United Kingdom
RFA2694
For other areas
The configurations and part numbers are different.

☐ **AC mains lead**
For the United Kingdom
RJA0053-3X
For other areas
The configurations and part numbers are different.

☐ **CD-ROM** (SD-Jukebox Ver. 5.0 LE) —1pc

☐ **USB Cable** (K1HA08CD0004) —1pc

☐ **Neck lanyard** (VFC4028) —1pc
Caution:
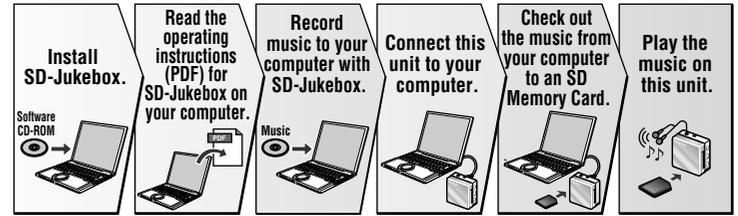Take care when using the neck lanyard. If used improperly, it can be a choking hazard.
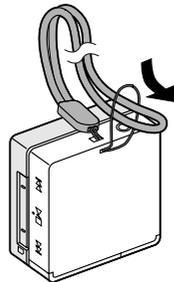
For the United Kingdom only:
Use the numbers indicated in parentheses when asking for replacements parts. "As of February 2005"

SD-Jukebox Ver. 5.0 LE

SD-Jukebox Features
SD-Jukebox is an application for recording and managing music from audio CDs on your computer. SD-Jukebox also enables you to "check out" recorded tracks to SD Memory Cards so you can enjoy the music on SD Audio players or other SD devices.

| Install SD-Jukebox. | Read the operating instructions (PDF) for SD-Jukebox on your computer. | Record music to your computer with SD-Jukebox. | Connect this unit to your computer. | Check out the music from your computer to an SD Memory Card. | Play the music on this unit. |

SD-Jukebox Precautions
SD-Jukebox incorporates copyright protection technology with encryption to support musicians and the music industry and protect the rights of lawful owners. Thus, the following restrictions apply when using SD-Jukebox.

- SD-Jukebox records audio data in an encrypted form on your computer's hard disk. Encrypted music cannot be used if you move or copy the files to other folders, drives, or computers.
- Unique identification specific to your processor and hard disk is used for encryption. Thus, if you replace the processor or hard disk, previous audio data may no longer be available.

- 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.
- MultiMediaCards (MMC) are not supported by SD-Jukebox.
- CDs without the [disc] logo are not supported for playback or recording with SD-Jukebox.

Installing SD-Jukebox
Do not connect this unit to the computer until SD-Jukebox has finished installing.
1 Turn on the computer and start Windows.
2 Insert the included CD-ROM into the CD-ROM drive.
- The installer program starts automatically.
- Follow the on-screen instructions.

- The serial number that you need to input when installing the software is indicated on the CD-ROM package. Please keep this in a safe place for future reference.

3 Click "Finish".
Choose "restart". The computer automatically restarts. The installation is now finished.

Note If the installer program does not start automatically on your computer, follow these steps:
1 From the Windows "start" menu, choose "Run".
2 Type "#:\autorun.exe" and click on "OK".
- Follow the on-screen instructions.
- #: The ID of the CD-ROM drive that you inserted the CD-ROM into.
- You can use upper or lower case letters in this step.

Using the PDF Operating Instructions for SD-Jukebox

The operating instructions for SD-Jukebox are installed along with the application as a PDF.

■ Read the operating instructions (PDF)
From the Windows "start" menu, select "All Programs" → "Panasonic" → "SD-JukeboxV5" → "SD-JukeboxV5 Operating Instructions".
• You will need Adobe Acrobat Reader to read the file containing the operating instructions.
• If the operating instructions (PDF) do not open:
Insert the included CD-ROM into the CD-ROM drive and follow the on-screen instructions to install "Adobe Acrobat Reader".

Starting SD-Jukebox

Double click on the SD-Jukebox icon on the desktop. SD-Jukebox V5

After the splash screen, the <HDD Screen> is displayed.
If the icon is not on the desktop:
from the "start" menu, select "All Programs" → "Panasonic" → "SD-JukeboxV5" → "SD-JukeboxV5".

System Requirements

> **Compatible PC: IBM PC/AT-compatible personal computers with one of the following operating systems preinstalled**
> **OS: Microsoft® Windows® 2000 (Professional Service Pack 2, 3, 4)**
> **Microsoft® Windows®XP**
> **(Home Edition/Professional, or Service Pack 1, 2 supported)**

Hardware
CPU: Intel® Pentium® III 500 MHz or higher
RAM: 256 MB or more
Free hard disk space: 100 MB or more
(Depending on the version of Windows or audio data, additional free hard disk space is required.)
Display: High Color (16 bit) or more
Desktop resolution of 800 × 600 pixels or more (1,024 × 768 pixels or more recommended)
Sound: Windows compatible sound device
CD-ROM drive (required for installation and for CD recording):
A CD-ROM drive capable of digital recording is required. Four-speed or higher is recommended.
(Recording dose not work properly with CD-ROM drives connected through an IEEE1394 connection.)
Interface: USB port (required for connecting this unit)
(Operation is not guaranteed if the unit is connected through a USB hub or by using a USB extension cable.)
Others: If you are using the CDDB function, then an Internet connection is also required.

Necessary software
DirectX 8.1 or later

Note • This software can not be used on Macintosh.
• This software may not operate on some computers even if the system requirements mentioned above are fulfilled.
• Operation is not guaranteed when a version of Windows other than those mentioned above is used.
• Operation on an upgraded OS is not guaranteed.
• Multi-boot environment is not supported.
• Only available when the user is logged in as the system administrator.
• This software may not run properly on user-built computers.
• This software can not be used on 64-bit OS.
• This system's operation is not guaranteed when any other application runs.

SD Memory Card (not included)

• This unit supports SD Memory Cards and miniSD™ Card (miniSD™ card requires miniSD™ card adaptor) formatted in a FAT12 file system or a FAT16 file system based on SD Memory Card specifications.
• You can use SD Memory Cards with the following capacities in this unit. (Panasonic cards are recommended.)

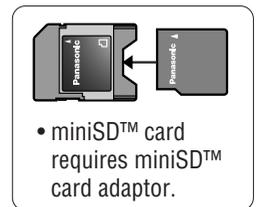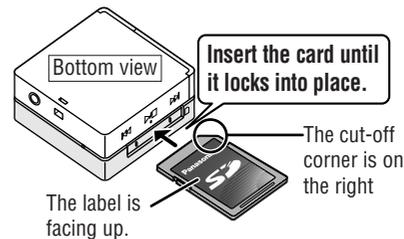> 8 MB, 16 MB, 32 MB, 64 MB, 128 MB, 256 MB, 512 MB, and 1 GB (maximum)

• Useable memory is slightly less than the card capacity.
• Please confirm the latest information on the following website:
http://panasonic.co.jp/pavc/global/cs (This site is in English only)
• Standard recording times
: SD AUDIO (→ page 3, PDF Operating Instructions for SD-Jukebox)
: Voice recording, FM recording (→ page 5)

Inserting and removing SD Memory Card

Insert and remove the SD Memory Card when the unit is turned off.
• While "ACCESSSING CARD" appears, the card is being read from or written to. Do not turn off the unit or remove the card. Such action may result in malfunction or loss of the card's contents.
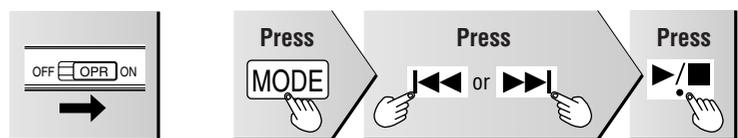
■ To insert the SD Memory Card

Bottom view

Insert the card until it locks into place.

The cut-off corner is on the right

The label is facing up.

• miniSD™ card requires miniSD™ card adaptor.

■ To remove the SD Memory Card

Bottom view

❶ **Push on the center of the card to unlock it.**
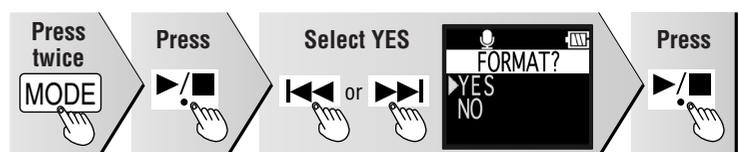❷ **Pull it straight out.**

Formatting an SD Memory Card

If the SD Memory Card is formatted on other equipment, the time spent for recording may become longer. Also, if the SD Memory Card is formatted on a computer, you may not be able to use it on this unit. In these cases, format the card on this unit or SD-Jukebox. (→ page 3, PDF Operating Instructions for SD-Jukebox)

1. Turn the unit on.   **2. Select "VOICE REC".**

OFF ⊟ OPR ON

Press MODE   **Press** |◀◀ or ▶▶| **Press** ▶/■

3. Select "FORMAT".

Press twice MODE   **Press** ▶/■   **Select YES** |◀◀ or ▶▶| FORMAT? ▶YES NO   **Press** ▶/■

4. Format.

Select YES |◀◀ or ▶▶| SURE? ▶YES NO   **Press** ▶/■

• "FORMAT COMPLETED" appears when formatting is completed.

Note • All the data in the card will be erased if it is formatted.
• Use the rechargeable battery and AC adaptor together, or use the fully charged rechargeable battery.

Standard recording times for Voice recording and FM recording

Card memory	Recording time	Card memory	Recording time
32 MB	2 hours	256 MB	16 hours
64 MB	4 hours	512 MB	33 hours
128 MB	8 hours 30 minutes	1 GB	66 hours

(Time is approximate)

You can record for long periods if you power the unit with the AC adaptor. However, you can only record continuously to one file for up to 24 hours (approximate).

Troubleshooting guide

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

No operation.	• Is the hold function on? (page 10) • Did you insert a card? (page 4) • Has the battery run down? (page 9) (If the battery has not run down, try removing and re-inserting it.) • Are the connections for the rechargeable battery dirty?
Play time is short after recharging.	• This may occur the first time you recharge the battery or if you haven't used it for a long time. Play time should be restored after a few recharges. • If play is extremely short even after fully recharging the battery, the battery may have exceeded its life. Rechargeable battery can be recharged approximately 300 times.
Cannot hear sound.	• Is the volume too low? (page 11) • Is the earphone plug inserted correctly? (page 11) (Try plugging it in again.) • Is the earphone plug dirty?
Play doesn't start from the first track.	• Is the play mode set to RANDOM? (page 11) • Is the resume function on? (page 10) • Is a playlist being used? (page 11)
There is a lot of noise.	• Are you using the unit near a television or mobile phone?
The AC adaptor or the unit becomes warm during charging.	• It becomes slightly warm during charging. This is not a malfunction.
Cannot use the SD Memory Card.	• Is the card's write-protect switch moved to the LOCK position? • Has the card been formatted on a computer in a FAT32 file system or NTFS file system? (Format the card on this unit or SD-Jukebox.)
It takes time to switch to recording the radio.	• It may take time for the "REC. START" screen to be displayed.
Noise is heard in TUNER mode.	• If you connect the AC adaptor, radio reception may be noisy or weak in TUNER mode.
Sound decreases during VOICE PLAY.	• The recorded sound may decrease if an operation is performed during recording. (page 15)

■ When one of the following messages appears on the display:

ACCESSING KEEP CARD IN	• Do not remove the SD Memory card.
HOLD	• The HOLD switch is on. (page 10)
ERROR	• An error has occurred. Reinsert the card and turn the power on again. If this does not remedy the situation, remove and reinsert the battery.
PLEASE WAIT	• The unit is manipulating data. Wait a moment.
EMERGENCY STOP	• The unit cannot manipulate irregular data on the card. Turn off the unit.

Maintenance

Clean with a soft, dry cloth.
Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

Specifications

Supported sampling frequency:	**AUDIO:** 32 kHz, 44.1 kHz, and 48 kHz **VOICE:** 8 kHz
Decoding / Encoding:	**AUDIO:** AAC, WMA and MP3 **VOICE:** G.726
No. of channels:	Stereo, 2 channels (AUDIO, TUNER) Mono, 1 channel (VOICE Rec / Play, TUNER Rec / Play)
Frequency response:	20 Hz to 20,000 Hz (+0 dB, -7 dB) (AUDIO) 20 Hz to 3,000 Hz (+0 dB, -7 dB) (VOICE)
Mic:	Mono
Radio Frequency range (FM):	87.50 MHz to 108.00 MHz (50 kHz steps)
Output:	3.3 mW + 3.3 mW (16 Ω, M3 jack)
Power supply:	DC 1.2 V (one rechargeable battery)
Approximate play times[1]**:**	**SD audio continuous playback:** 14 hours 30 minutes **TUNER:** 7 hours 30 minutes **VOICE:** 11 hours
Approximate recording times[1]**:**	**TUNER REC:** 4 hours **VOICE REC:** 6 hours
Maximum dimensions (W×H×D):	$42.9 \times 43.2 \times 17.5$ mm
Cabinet dimensions (W×H×D):	$42.0 \times 42.0 \times 17.5$ mm
Mass:	39.9 g with battery 27.4 g without battery
AC adaptor input:	AC110 V–240 V 50 Hz/ 60 Hz
Recording Media:	SD Memory Card (card capacities between 8 MB and 1 GB)

• Specifications are subject to change without notice.
• The play time shown depends on operating conditions.
• Mass and dimensions are approximate.
• Useable capacity will be less.
• This unit is compatible with Windows Media Audio 9 (WMA9), however not with WMA9 Professional/Lossless/Voice and MBR[2]
[1] When the supplied rechargeable battery is fully charged.
[2] Multiple Bit Rate: A file that contains the same content encoded at several different bit rates.

Care and use

■ Main unit / Supplied accessories
• ***Keep the SD Memory Card and the rechargeable battery out of the reach of children to prevent them from being swallowed.***
• ***Don't let reflected light hit people.***
  Lights reflects from this unit's display like a mirror. It can thus get into the eyes of people who are operating a vehicle etc. if it is used under direct sunlight or strong light and cause an accident.
  Be careful about how you hold the unit.
• 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.
• Leave some slack in the cord of the earphones and the neck lanyard if you wind them around the unit.
Do not:
• disassemble, remodel, drop, or allow the unit to get wet.
• use or store in locations directly exposed to sunlight, a heat vent, or a heating appliance.
• use or store in humid or dusty locations.
• use or store in locations exposed to corrosive gases.
• insert objects other than SD Memory Cards and rechargeable battery.
• use force to open the battery lid.
• use cracked or warped cards.
• short-circuit the power supply terminals of the AC adaptor.
• detach the label on the card or attach other labels or stickers.

■ Rechargeable battery
• Remove the battery if the unit is not to be used for a long time.
• Carry and store the rechargeable battery in the supplied rechargeable-battery case to prevent contact with metal objects.
Do not:
• disassemble, short-circuit, or put in a fire or water.
• peel off the cover or use if the cover has been peeled off.
Mishandling of batteries can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire.
If electrolyte leaks from the battery, consult your dealer.
Wash thoroughly with water if electrolyte comes in contact with any part of your body.

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 ⟨ASA⟩ 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.

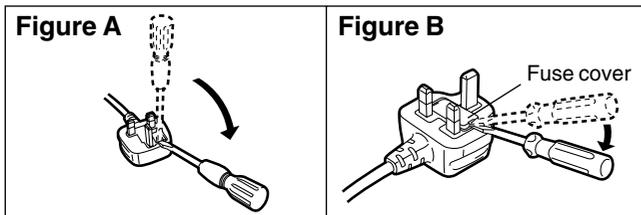**THIS PLUG IS NOT WATERPROOF–KEEP DRY.**

Before use
Remove the connector cover.
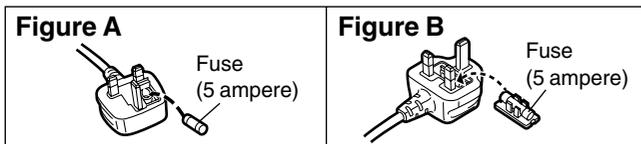
How to replace the fuse
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.
1. Open the fuse cover with a screwdriver.

Figure A   **Figure B**

Fuse cover

2. Replace the fuse and close or attach the fuse cover.

Figure A   **Figure B**

Fuse (5 ampere)   Fuse (5 ampere)

For the United Kingdom and Republic of Ireland

The unit is 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.

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

Marking sign is located on bottom of the unit.

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.

Insertion of connector
Even when the connector is perfectly inserted, depending on the type of inlet used, the front part of the connector may jut out as shown in the drawing.
However there is no problem using the unit.

Connector
Approx. 6 mm
Appliance inlet
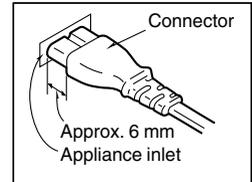
Your attention is drawn to the fact that recording pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws.
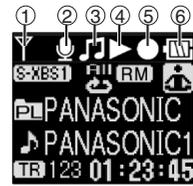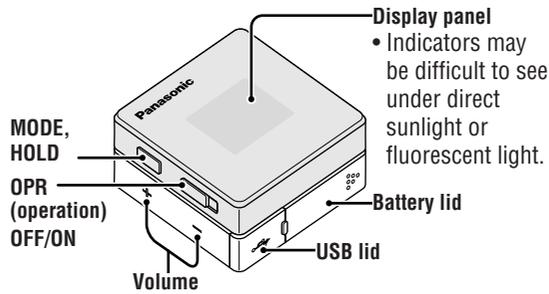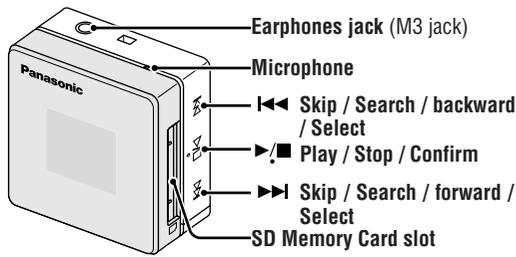
08/937,950	5,394,473	5,579,430	5,481,614	5,299,238	5,581,654
5848391	5,583,962	08/678,666	5,592,584	5,299,239	05-183,988
5,291,557	5,274,740	98/03037	5,781,888	5,299,240	5,548,574
5,451,954	5,633,981	97/02875	08/039,478	5,197,087	08/506,729
5 400 433	5 297 236	97/02874	08/211,547	5,490,170	08/576,495
5,222,189	4,914,701	98/03036	5,703,999	5,264,846	5,717,821
5,357,594	5,235,671	5,227,788	08/557,046	5,268,685	08/392,756
5 752 225	07/640,550	5,285,498	08/894,844	5,375,189	

Location of Controls

Earphones jack (M3 jack)

Microphone

|◀◀ **Skip / Search / backward / Select**

▶/■ **Play / Stop / Confirm**

▶▶| **Skip / Search / forward / Select**

SD Memory Card slot

MODE, HOLD

OPR (operation) OFF/ON

Volume

Display panel
• Indicators may be difficult to see under direct sunlight or fluorescent light.

Battery lid

USB lid

① ② ③ ④ ⑤ ⑥

① **TUNER mode indicator**
② **VOICE mode indicator**
③ **AUDIO mode indicator**
④ **Play indicator**
⑤ **Recording indicator**
⑥ **Battery /charge indicator**

■ Auto power-off function

In order to save power, the unit turns itself off if left unused for more than 10 seconds after being switched on. (AUDIO mode, VOICE PLAY mode)

Press ▶/■ to turn the power on again. Play starts automatically.

■ Power save display

During play, the power save display appears if no operation is performed for more than 10 seconds.
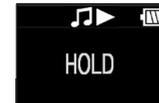Press the MODE to return to the previous screen.

■ Resume function

Play resumes from where last stopped.
This is cancelled if an SD Memory Card is changed or removed.

■ HOLD function

Press and hold
MODE – HOLD

HOLD

This function causes the unit to ignore button presses during play and so on, to prevent interrupting an operation.

• To release, press and hold again until "HOLD OFF" is displayed.
• This is cancelled if the OPR is set to OFF or the auto power-off function turns the unit off.

Power Supply Preparations

Charge immediately after purchase!

Rechargeable battery (included)

1 Insert the rechargeable battery.

Set the OPR switch to OFF

Remove the rechargeable battery
Push the battery lock switch to the outside.

Battery lock switch

2 Charge the battery.

Charge indicator

When charging
starts: lights
While charging: scrolls
When charging finishes: goes out

Insert with arrow facing upward

AC Adaptor

Charging time: Approx. 3 hours 30minutes

Note **Charging the battery**
• You can charge the battery before it is fully discharged.
• Reconnect the AC adaptor to charge the battery again.
• Use only the included AC adaptor and AC mains lead to avoid damage to the unit.
  Do not use the AC adaptor and AC mains lead with any other equipment.

AC adaptor (included)

Insert the rechargeable battery and connect the AC adaptor. (above)

• If you connect the AC adaptor during FM reception, the sound will stop for a short time. If you connect it during play or recording, these operations will stop.
• Operation is not guaranteed when using the AC adaptor only. Insert the rechargeable battery.

Battery indicator

You can not start Voice recording and FM recording when the battery indicator is blinking.
• Use the rechargeable battery and AC adaptor together, or use the fully charged rechargeable battery to start recording.

Full → ... → **Empty** →**Recharge**
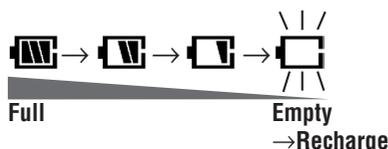
Write the music data to an SD Memory Card

You can play music data recorded in SD Audio format (AAC/WMA/MP3).

1 **Set the OPR switch to OFF**

2 Insert the SD Memory Card

Insert with arrow facing upward

3

4

5 To USB port

USB Cable
Large end to computer

Record tracks to an SD Memory Card using the SD-Jukebox software on the included CD-ROM.
Refer to the operating instructions for SD-Jukebox (PDF) for information about how to record tracks.

Note
• Operation is not guaranteed when using the USB cable only. Insert the rechargeable battery.
• Do not disconnect the USB cable while "ACCESSING CARD" is displayed or open the battery lid while recording. This can cause the data on the SD Memory Card to be lost, or render it unusable.
• If the USB connection is not recognized, disconnect the USB cable and reconnect it.
• Use only the included USB cable to avoid damage to the unit. Do not use the included USB cable with any other equipment.
• Operation is not guaranteed when more than two items of USB equipment is connected to your computer or a USB hub or USB extension cable is used.
• If your computer goes into power save mode while connected to this unit, it may not recognize the unit when it comes out of this mode. Disconnect the unit and reconnect it or restart the computer if this happens.
• To disconnect the USB cable, double click the icon which is in the task tray of the computer and follow the onscreen instructions.
• The rechargeable battery is charging while the unit is connected to your computer by USB cable. However, it cannot charge fully.
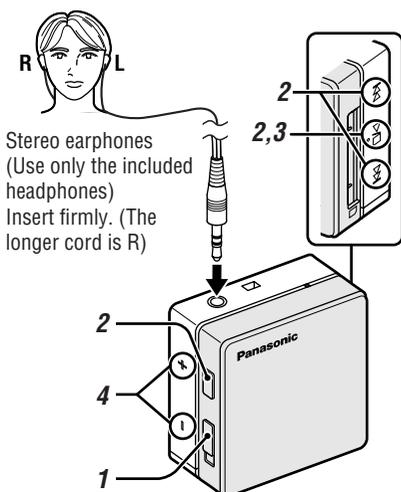
Data Save Function

Connect the unit to your computer with the USB cable when the unit is turned off.

When this unit is connected to the computer by USB, it is recognized as an external device by the computer and functions as a USB reader/writer.
This enables you to save (drag and drop) datas other than music data from your computer to an SD Memory Card.

Playing tracks (AUDIO mode) ♫

Preparation:
Insert an SD Memory Card with tracks recorded. The music recorded by SD stereo system is also playable.
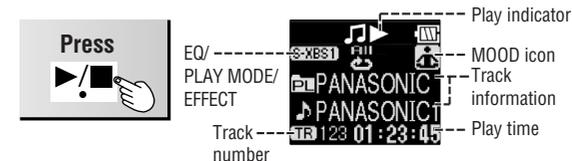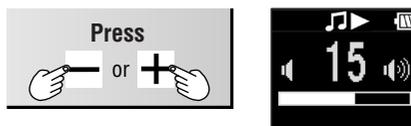
R L

Stereo earphones
(Use only the included headphones)
Insert firmly. (The longer cord is R)

Panasonic

1 Turn the unit on.

OFF — OPR — ON

2 Select "AUDIO".

Press	Press	MODE SELECT ▶AUDIO TUNER VOICE PLAY	Press
MODE	I◀◀ or ▶▶I		▶/■

3 Start play.

Press ▶/■

EQ/ — S-XBS1 — Play indicator
PLAY MODE/ — MOOD icon
EFFECT — PL PANASONIC — Track information
♪ PANASONIC — Track number — TR 123 01:23:45 — Play time

4 Adjust the volume. (0-25)

Press — or +

◀ 15 ◀))

Note Play stops at the end of the playlist.

Skip	backward forward **Press I◀◀ , ▶▶I**	**Search**	**During play, press and hold** backward forward I◀◀ , ▶▶I	**Stop**	**Press ▶/■.**
Setting mode Other modes	**Press MODE**	**Off**	OFF OPR ON	**Track Selecting**	backward forward **1 During stop, press, I◀◀ , ▶▶I** **2 Press ▶/■.**

AUDIO mode settings

1. Select the desired item.

Press twice	Press	AUDIO SET MOOD ARTIST ▶PLAY MODE	Press
MODE	I◀◀ or ▶▶I		▶/■

2. Set.

Press	PLAY MODE ▶NORMAL 1-REPEAT ALL REPEAT	Example: PLAY MODE
I◀◀ or ▶▶I		

3. Confirm.

Press ▶/■

■ **PLAYLIST**※1,4
Select the playlist.

■ **ALBUM**※1,4
Select the playlist classified into the ALBUM playlist in SD-Jukebox.

■ **MOOD**※1,4
Select the playlist classified into the MusicSommelier (Mood Analyzer) playlist in SD-Jukebox.
• The MOOD icon is displayed during play.
— ENERGETIC
— MEDITATIVE
— MELLOW
— OTHER

■ **ARTIST**※1,4
Select the playlist classified into the ARTIST playlist in SD-Jukebox.

■ **PLAY MODE**※2
— **NORMAL**: Normal play
— **1-REPEAT ↻**: 1 track repeat
— **ALL REPEAT ↺**: All tracks repeat in a playlist
— **A-B REPEAT AB**: Play repeats between the two points.
  1. Select this mode during play
  2. Press ▶/■ at the start point (A) and once more at the end point (B) in the same track.
  This is cancelled with the skip and stop functions.
— **RANDOM ✕**: All tracks random repeat in a playlist.
— **INTRO PLAY INT**: To play the first 10 seconds of each track in order (You can select this while play is stopped).

■ **EQ**※2,3
— **NORMAL**: Normal
— **S-XBS1** S-XBS1: Add powerful bass
— **S-XBS2** S-XBS2: Enhanced S-XBS1 effect
— **TRAIN** TRAIN: Reduces sound leaks and listening fatigue

■ **EFFECT**※2,3
— **P.SRD1** P.SRD1: Personal surround (3D sound field with presence)
— **P.SRD2** P.SRD2: Enhanced P.SRD1 effect
— **RE-MASTER** RM: Compensates for high frequencies lost through compressed recording
— **OFF**: Normal

■ **DISP. MODE**※4
— **PL&TITLE**: Displays playlist title and track title
— **TITLE&ARTIST**: Displays track title and artist name
— **PL&ARTIST**: Displays playlist title and artist name
— **TITLE&INFO**: Displays track title and information (codec and bitrate)
  PL : Playlist title
  ♪ : Artist name
  ♪ : Track title
  PL : Playlist number (**DP**: Default playlist)
  TR : Track number

※1 • After pressing ▶/■, play starts from the first track on the selected playlist.
  • "NO LIST" is displayed when the selected playlist has not been found.
  • If there is only one Music Sommelier playlist, this is automatically selected in MOOD.
※2 • The selected mode's icon or name is displayed.
※3 • Noise may be heard when some "EQ" and "EFFECT" settings are combined.

※4 • Displayed only when there are playlists. (excluding track titles)
  <**To create the playlist**>
  1 In SD-Jukebox "HDD screen", click [HDD] → select "Audio" → select a playlist from "Artist", "Album" or "User playlist".
  2 Put a check mark next to the tracks to be checked out.
  3 Put a check mark next to "Create playlists on SD card".
  4 Check the SD card drive and free space, click [start].

Using the FM radio (TUNER mode) $\curlyvee$

As the cord of the earphones acts the FM antenna, extend it as far as possible rather than leaving it coiled.

R L
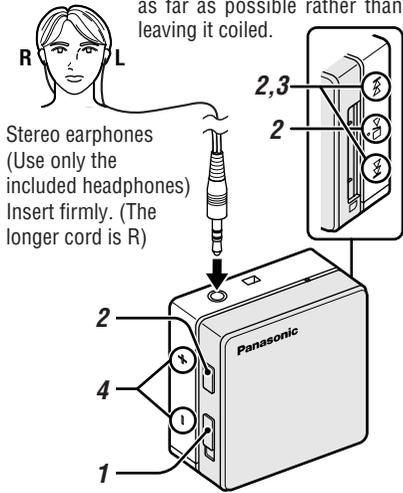
Stereo earphones
(Use only the included headphones)
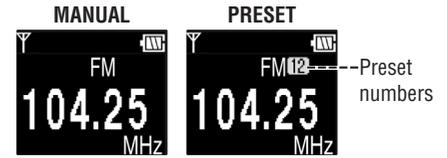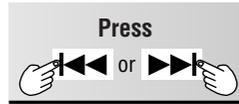Insert firmly. (The longer cord is R)

1 Turn the unit on.

OFF ⊟ OPR ON
→

2 Select "TUNER".

Press
MODE

Press
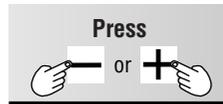|◀◀ or ▶▶|

♪ MODE SELECT
AUDIO
▶TUNER
VOICE PLAY

Press
▶/■

3 Select the station.
• Press and hold for more than 2 seconds for automatic tuning. When the button is released the frequency starts scrolling and stops when a station is found.
• You can preset stations to make tuning simpler. Select "PRESET" for "TUNING MODE" before step 3 (→below: TUNER mode settings)

Press
|◀◀ or ▶▶|

MANUAL
$\curlyvee$ FM
104.25 MHz

PRESET
$\curlyvee$ FM12 ----Preset numbers
104.25 MHz

Setting mode Other modes	Press MODE	Off	OFF OPR ⊟ ON ←

4 Adjust the volume. (0-25)
• Noise may be heard when adjusting the volume.

Press
− or +

$\curlyvee$
◀ **15** ◀))

Presetting FM stations

■ **AUTO PRESET** (20 stations can be stored.)

Press twice during FM reception
MODE

Select "AUTO PRESET"
Press
|◀◀ or ▶▶|

$\curlyvee$ FM TUNER SET
EQ
▶AUTO PRESET
PRESET MEM···

Press
▶/■

• The tuner automatically presets the stations it can receive into the channels in order.
• Auto Preset may not function if reception is weak or there is excessive noise. If an unwanted frequency or noise is occupying a channel, use PRESET MEMORY (MANUAL).
• When finished, the first station memorized is displayed. "TUNING MODE" is set to "PRESET".
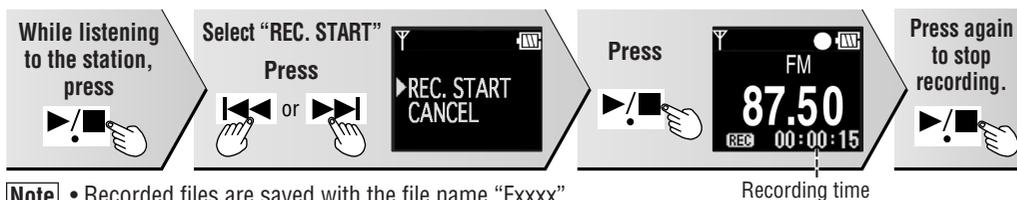
■ **PRESET MEMORY (MANUAL)** (20 stations can be stored.)

Select "MANUAL" for "TUNING MODE" (→below)

Select the frequency and press twice
MODE

Select "PRESET MEMORY"
Press
|◀◀ or ▶▶|

$\curlyvee$ FM TUNER SET
EQ
AUTO PRESET
▶PRESET MEMO

Press
▶/■

Select the channel
Press
|◀◀ or ▶▶|

$\curlyvee$
PRESETMEMORY
20:---.--MHz
01: 87.50MHz
02:---.--MHz

Press
▶/■

Repeat as many times as is required.
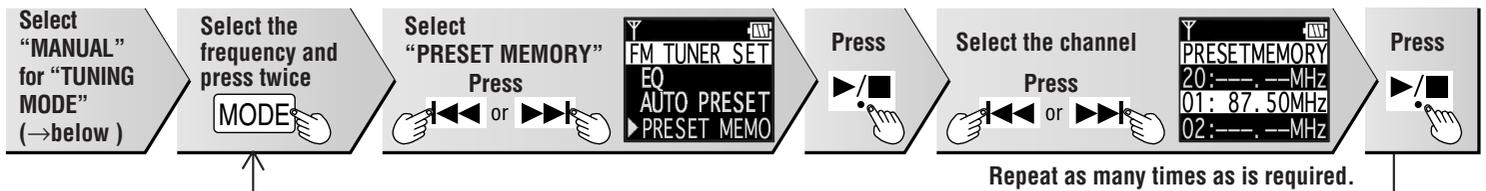
■ **To listen to preset channels**
Select the preset channel in step 3 above.

Recording the radio

Playback in VOICE PLAY mode: monaural →page 15

While listening to the station, press
▶/■

Select "REC. START"
Press
|◀◀ or ▶▶|

$\curlyvee$
▶REC. START
CANCEL

Press
▶/■

$\curlyvee$ ● FM
87.50
REC 00:00:15

Recording time

Press again to stop recording.
▶/■

Changing the display
• During recording, each time you press the MODE: Recording time → Remaining time → file name.
• When remaining time becomes less than 10 minutes, the remaining time is displayed. The remaining time, $\curlyvee$ and ● flash.
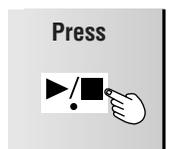
Note • Recorded files are saved with the file name "Fxxxx".
• Noise may be recorded if you adjust the volume while recording.

TUNER mode settings

1. Select the desired item.

Press twice
MODE

Press
|◀◀ or ▶▶|

$\curlyvee$ FM TUNER SET
AUTO PRESET
PRESET MEM···
▶TUNING MODE

2. Set.

Press
▶/■

Press
|◀◀ or ▶▶|

$\curlyvee$ TUNING MODE
▶MANUAL
PRESET

Example: TUNING MODE

3. Confirm.

Press
▶/■

■ **EQ** ※
─ **NORMAL**: Normal
└ **S-XBS** : Add powerful bass

■ **AUTO PRESET** (Above)

■ **PRESET MEMORY** (Above)

■ **TUNING MODE**
─ **MANUAL**: You can select the stations (frequencies) manually.
└ **PRESET**: You can select the preset stations.

• No sound is output when switching between functions in TUNER mode.
※ The S-XBS icon is displayed if S-XBS is selected.

■ **STEREO/MONO**
─ **STEREO**: To receive as stereo
└ **MONO** ▽ : To receive as monaural (MONO is selected to reduce noise when reception is weak.)

Voice recording (Monaural recording)

1 Turn the unit on.

OFF ⊟ OPR ‖ ON
→

2 Select "VOICE REC".

Press **MODE**   Press ⏮ or ⏭   Press ▶/■
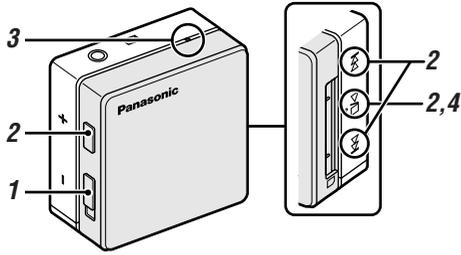
Note
• Noise may be recorded if you adjust the volume while recording.
• If the **MODE** is pressed during "STANDBY", the sound stops being output.

MODE SELECT
TUNER
VOICE PLAY
▶VOICE REC

🎤
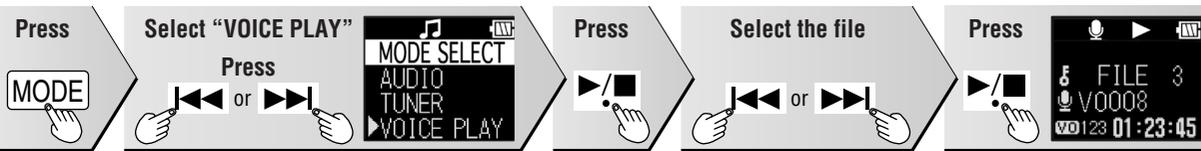STANDBY
REMAIN 01:23:45 ---Remaining time

Changing the display	• During recording, each time you press the **MODE**: Recording time → Remaining time → file name. • When remaining time becomes less than 10 minutes, the remaining time is displayed. The remaining time, 🎤 and ● flash.
Setting mode Other modes	Press **MODE**	**Off** OFF OPR ☐ ON ←

3 Speak into the microphone, and start recording.
• Recorded files are saved with the file name "Vxxxx".

Press ▶/■

🎤 ●
NOW
RECORDING
REC 01:23:45 --- Recording time

4 Stop recording

Press ▶/■

Playing recorded tracks (Playback of VOICE REC files/files recorded from the radio: Monaural)

Press **MODE**   Select "VOICE PLAY" Press ⏮ or ⏭

MODE SELECT
AUDIO
TUNER
▶VOICE PLAY

Press ▶/■   Select the file ⏮ or ⏭   Press ▶/■

🎤 ▶
♪ FILE 3
🎤 V0008
VO123 01:23:45

• Play stops after all files are played.
• Operations for playback are the same as AUDIO mode. (→page11)

VOICE PLAY mode settings

1. Select the desired item.   **2. Set.**   **3. Confirm.**

Press twice **MODE**   Press ⏮ or ⏭

🎤
VOICE PLAY
PLAY MODE
▶1-FILE LOCK
ALL LOCK

Press ▶/■   Press ⏮ or ⏭

🎤
1-FILE LOCK
▶LOCK
UNLOCK

Example: 1-FILE LOCK

Press ▶/■

■ PLAY MODE
Same as AUDIO mode. (→page11)
• RANDOM and INTRO PLAY cannot be selected.

■ 1-FILE LOCK
— **LOCK**: Locking a selected file
   • A lock icon 🔒 appears for the locked file.
— **UNLOCK**: Cancelling a 1-FILE LOCK

■ ALL LOCK
— **LOCK**: Locking all the files
   • A lock icon 🔒 appears for the locked file.
— **UNLOCK**: Cancelling ALL LOCK

■ 1-FILE ERASE
— **YES**: Erasing a selected file
   (You cannot erase the locked files)
— **NO**: Don't erase

■ ALL ERASE
— **YES**: Erasing all un locked files
— **NO**: Don't erase
• If you select YES, "SURE?" is displayed. To erase all the files, select YES again and press ▶/■.

Note
• Files recorded on this unit have a file lock for protection. You need to unlock a locked file before erasing it.
• You can only lock and unlock a file while play is stopped.
• Locking and erasing files may take time if there is a large number of files. Use the rechargeable battery and AC adaptor together, or use the fully charged rechargeable battery.
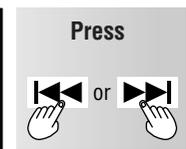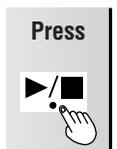

SETUP mode

1. Select "SETUP".   **2. Select the desired item.**   **3. Set.**   **4. Confirm.**

Press **MODE**   Press ⏮ or ⏭

MODE SELECT
VOICE PLAY
VOICE REC
▶SETUP

Press ▶/■   Press ⏮ or ⏭

SETUP
▶LANGUAGE
INITIALIZE

Example: LANGUAGE

Press ▶/■   Press ⏮ or ⏭   Press ▶/■

■ LANGUAGE
Choose the language for function names and confirmation messages.
— 日本語: Japanese
— **ENGLISH**
— 简体中文: Simplified chinese

■ INITIALIZE
Return everything to the default settings.
— **YES** — <Items that have been initialized>
— **NO**   **MODE SELECT** = AUDIO, **Volume** = 12, **EQ (AUDIO, TUNER)**= NORMAL, **EFFECT (AUDIO)** = OFF, **PLAYMODE (AUDIO, VOICE)** = NORMAL, **STEREO/MONO (TUNER)** = STEREO

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