



Dear Customer

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

READ BEFORE USE

After checking the included accessories (see below), follow these steps to record onto (checkout) the included SD Memory Card.

1. Install the driver software for the USB Reader/Writer and the Panasonic Media Manager software from the included CD-ROM.
2. Connect the USB Reader/Writer to your personal computer.
3. Record (checkout) some music to the SD Memory Card with Panasonic Media Manager.

Read the operating instructions for Panasonic Media Manager for details.

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

PP

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America

One Panasonic Way Secaucus, New Jersey 07094

<http://www.panasonic.com/sd>

En

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")

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Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

www.panasonic.ca

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RQT6116-P M0901YN0

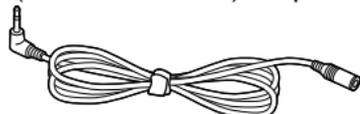
Printed in Japan

Supplied accessories

Stereo earphones
(LOBAB0000162)—1pc.



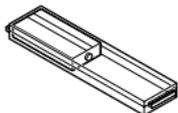
Earphone extender
(K2KC3AC00002)—1 pc.



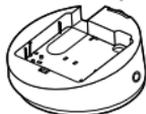
* SD Memory Card—1 pc.



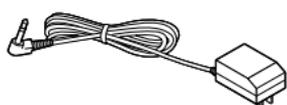
* Rechargeable battery with case—1 pc.



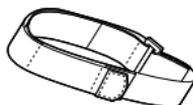
Charger
(RFEB013G-K)—1 pc.



AC adaptor
(RFEA415C-1S)—1 pc.



Armband (RFA1802-H)—1 pc.



Neck lanyard
(RFA1876-Q)—1 pc.



USB Reader / Writer
(RFA1869-H)—1 pc.



CD-ROM—1 pc.



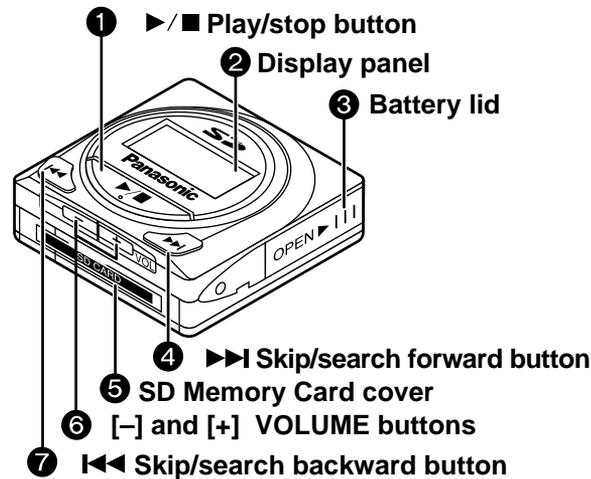
Battery case
(RFA1801-A)—1 pc.



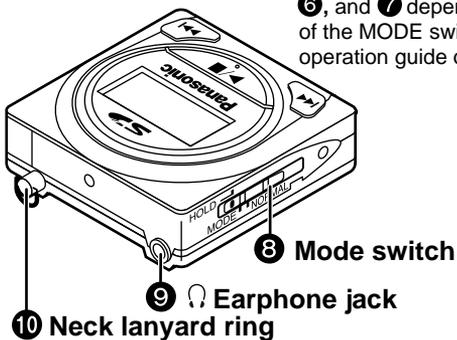
Use numbers indicated in parentheses when asking for replacement parts. Refer to page 16 for the parts marked with an asterisk (*).

Location of controls

Main unit



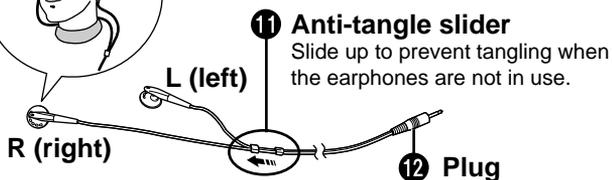
The functions of buttons 1, 4, 6, and 7 depend on the position of the MODE switch. See the operation guide on page 9 for details.



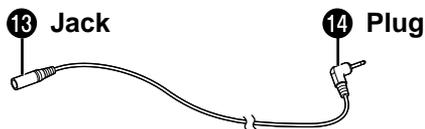
Stereo earphones



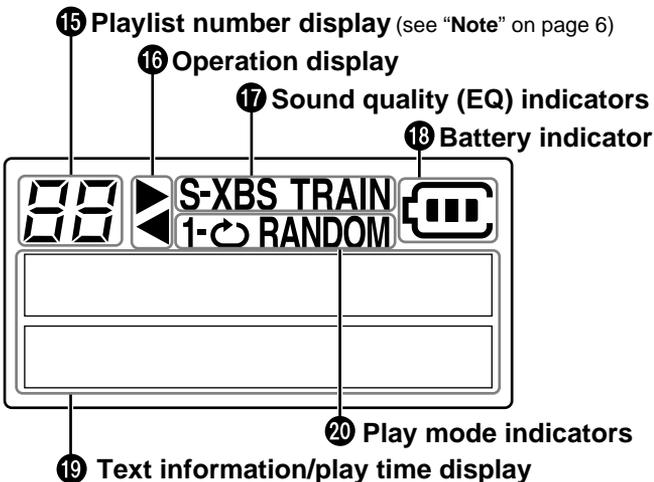
The long cord is for your right ear. Pass the cord behind your head.



Earphone extender



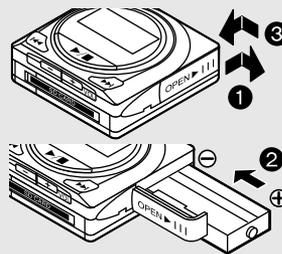
Display panel



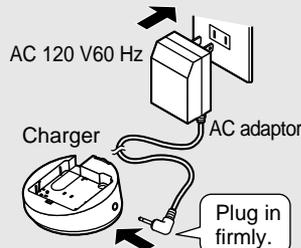
Batteries

Charging the rechargeable battery

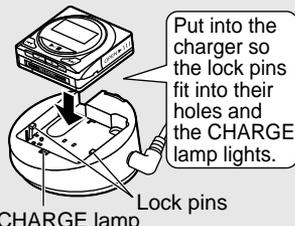
1 Insert the rechargeable battery.



2 Connect the AC adaptor to the charger.



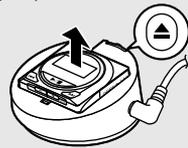
3 Put the unit into the charger.



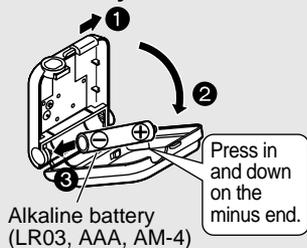
While charging: blinks briefly every two seconds.
When fully charged: lights briefly every five seconds.
After 4 hours: goes out.

To remove the unit from the charger

Press [▲] (EJECT) and lift the unit out. (Do not try to remove the unit while the lock pins are engaged.)



Using the included battery case



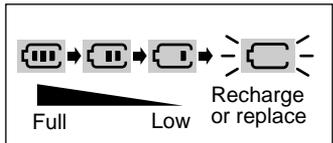
Alkaline battery (LR03, AAA, AM-4)



Rechargeable battery (included)

- Charge before initial use after purchase or after an interval of three months or longer.
- It takes approximately 3 hours to fully charge the included battery.
- The included battery can be recharged about 300 times. The battery has reached the end of its life if play time dramatically reduces after recharging.
- The battery may heat up while charging, but this is normal.
- Replace the rechargeable battery within 30 seconds because the clock stops while disconnecting the battery. If necessary, see page 8 for setting the clock.
- Separate from radios while charging as the charger can cause interference.
- You can play the unit while charging, but the battery cannot be fully charged. Stop play to charge fully.
- You cannot operate the unit if the rechargeable battery is not inserted, even if you put it into the charger. The message "NO BATTERY" appears on the display when you press [▶/■].

Battery indicator



Note:

When the unit is not to be used for a long time, turn it off and unplug the AC adaptor from the household AC outlet. The unit continues to consume 1 W even when you have pressed [▶/■] to turn it off.

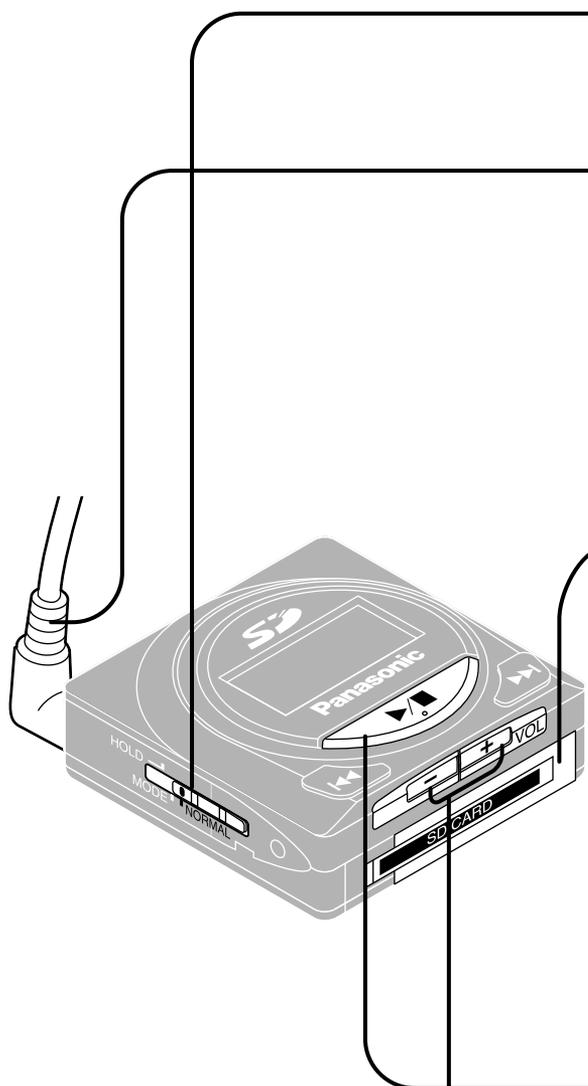
To use dry cell batteries

Insert an alkaline battery (LR03, AAA, AM-4) into the battery case along with the unit.

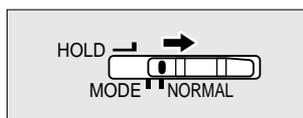
To extend play time

You can get up to 50 hours of play by using the rechargeable battery and dry cell battery together.

Listening

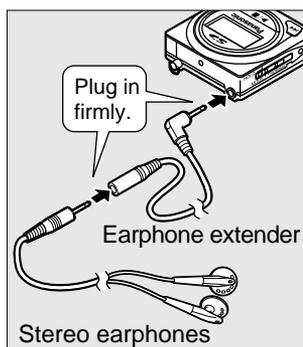


1



Set to NORMAL.

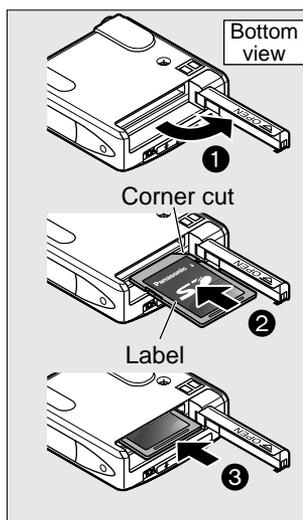
2



Connect the stereo earphones.

- You can connect the stereo earphones directly to the unit.
- See page 2 for more about using the earphones.

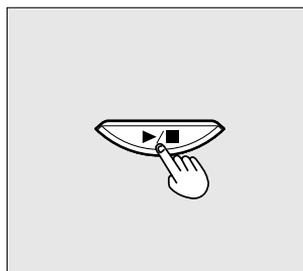
3



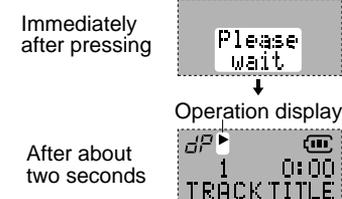
Insert an SD Memory Card with tracks recorded (checked out).

- 1 Open the cover.
- 2 Insert the card so the label is facing up and the end with the corner cut off is facing in.
- 3 Push on the center of the card so it locks into place and close the cover.

4



Press. The unit comes on and starts play.



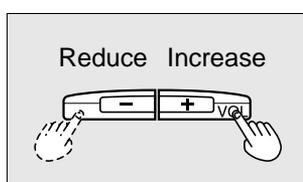
Note:

The following can occur if there is a problem with the card:

- “Now Busy” or “EMERGENCY STOP” appear frequently (see page 13)
- “Please Wait” appears for 20 seconds or longer
- No sound continues for 20 seconds or longer after pressing [▶/■]

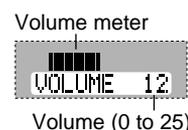
You can remedy the problem by formatting the card with Panasonic Media Manager. Before formatting the card, check in any data on the card to your computer. See the operating instructions for Panasonic Media Manager for details.

5

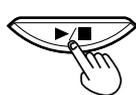


Adjust the volume.

Press and hold to adjust continuously.



To stop play and turn the unit off



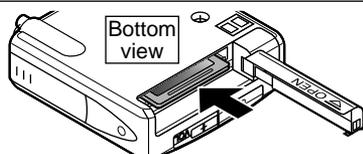
Press.

The unit turns off about ten seconds later.

Resume

When you next press [▶/■], play resumes from where you stopped it. Play starts from track 1 if you replace the card or battery.

To remove the SD Memory Card



After stopping play, open the card cover (step 3, 1), and push on the center of the card to unlock it.

Hold function

This function stops the unit from responding when a button is pressed.



It prevents the following:

- The unit turning on unexpectedly, causing the battery to go dead.
- Play being interrupted when a button is accidentally pressed.

Other operations

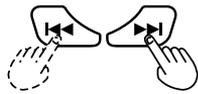
Preparation



Set the mode switch to **NORMAL**.

Skipping tracks

Press during play.

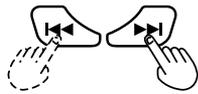


Backward Forward

- In the all track repeat mode (see below), you can skip from the last track to the first track.
- You cannot skip back to a track in random play (see below) if it has been played.

Search

Press and hold during play.



Backward Forward

- In the all track repeat mode (see below), you can search from the last track to the first track.
- In random play (see below), you cannot search a track other than the track that is being played.
- The operation display flashes during search (“><<<” or “>>>>”).

Direct play

1 Press during play. 2 Select the track. 3 Play the track.



Play stops. Backward Forward

- Tracks change faster if you press and hold [<<<<] or [>>>>].
- If the unit is left stopped for about ten seconds, even after selecting a track, it turns off.

Preparation



Set the mode switch to **MODE**.

Repeat play

Random play

Press during play.



Each time you press the button

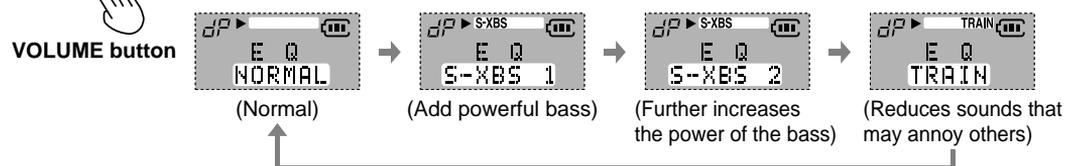


Changing sound quality (EQ)

Press during play.



Each time you press the button



After changing the mode

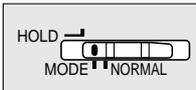


Set the mode switch to **NORMAL**.

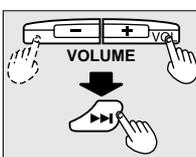
Note:

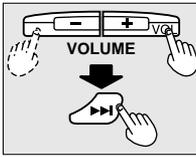
“PLAYLIST >><” may be displayed at times. This refers to a feature that will be available in the future with the Panasonic Media Manager software. Before this feature is available, all tracks are played and “DP” (default playlist) is displayed on the playlist number display.

Setting the clock

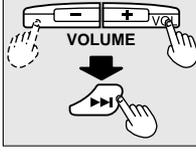
- 

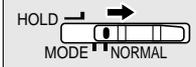
During play, set to MODE.
If you want to stop the following operation part-way, set to NORMAL.
- 

Press.
This is the clock/playlist setting mode.
- 

Select "TIME".
Press. This is the clock setting mode.
- 

Select the display mode.
Press.

12 hour clock
or
24 hour clock
- 

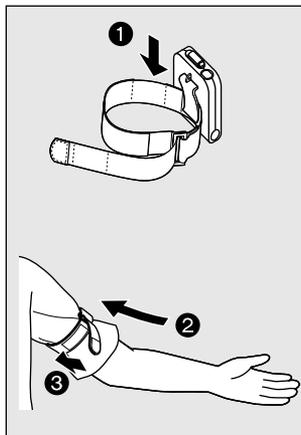
Set the time. The time flashes
Press. The clock starts
- 

Set to NORMAL.

- To display the clock, set the mode switch to HOLD during play or press [▶/■] while the switch is set to HOLD.
- Adjust the clock regularly to maintain accuracy.

Using the supplied accessories

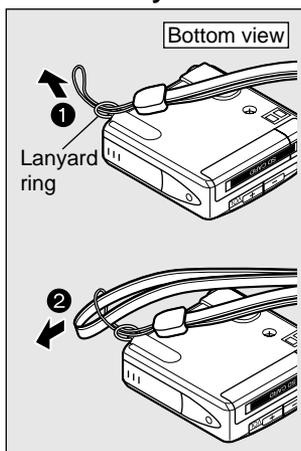
Armband / Carrying case



- Attach the carrying case to the armband.
- Undo the fabric fastener and fit the armband onto your arm.
- Do up the fabric fastener.

Note:
To prevent the unit from falling, do not swing the assembled unit around.

Neck lanyard



Attach the neck lanyard to the lanyard ring.

Note:
Take care that the lanyard does not get caught and choke you.

Adjusting and changing the display

Adjusting the contrast

- During play, set the mode switch to HOLD.
- While pressing and holding [▶/■], press [+]
(darker) or [-] (lighter) volume button.

Changing the display

- During play, set the mode switch to MODE.
 - Press [◀◀] to change the display.
- Track titles, playlist titles, and artist information scroll from right to left if they do not fit on the display.
 - Titles including text data the unit doesn't support cannot be displayed.

A few seconds after changing, the display returns to the track title indication automatically. Press and hold if you want to maintain the display.

Track number	Elapsed play time	Bitrate display
1	2:16	AAC 128kbps
5	16:24	ARTIST INFO

Track title ←

Total number of tracks ↓

Playlist title →

Artist information ↑

Display when playing AAC audio data. The display when playing other data is shown at right.



- Set the mode switch to NORMAL.

- SD logo is a trademark.



- Microsoft, Windows Media, and the Windows Logo are trademarks or registered trademarks of Microsoft Corporation in both the United States and other countries.



- 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.

9

Cut here

Panasonic®

SD Audio Player
Operation Guide

Model No. **SV-SD80**

Keep this card in your wallet or purse for quick reference.

MODE switch position	◀◀	▶▶	▶/■	[-]	[+]
NORMAL	Skip/search backward	Skip/search forward	Play/stop	Reduce volume	Increase volume
MODE	Display change	Clock/playlist setting mode	Play/stop	Repeat/Random change	Sound quality (EQ)
	Cancel selection	Confirm selection		Selection in clock/playlist setting mode	
HOLD	—	—	Clock	—	—

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:

In the U.S.A., contact the Panasonic Customer Call Center at 1-800-211-7262, or e-mail consumerproducts@panasonic.com, or web site (<http://www.panasonic.com/sd>).

In Canada, contact Panasonic Canada Inc. Customer Care Centre at 905-624-5505, web site (www.panasonic.ca), or an authorized Servicentre closest to you.

Problems	Check points or causes
No operation.	<ul style="list-style-type: none"> Is the hold function on? (page 5) Did you insert a card? (page 5) Is the battery fully charged? (page 3) (If so, try removing the battery and reinserting it.) Are the power supply terminals of the unit, charger, and battery case dirty or are there dust or obstacles on the terminals?
Cannot hear sound.	<ul style="list-style-type: none"> Is the volume too low? (page 5) Are the earphone and earphone extender plugs inserted correctly? (pages 5) (Try plugging them in again.) Are the earphone and earphone extender plugs dirty?
Play doesn't start from the first track.	<ul style="list-style-type: none"> Is the play mode set to RANDOM? (page 6) See "Resume". (page 4)
There is a lot of noise.	<ul style="list-style-type: none"> Are you using the unit near a television or mobile phone?

When one of the following messages appears on the display:	
NO CARD	• You haven't inserted a card.
NotSDAUDIO	• There is no SD-audio data on the card.
NO LIST	• You haven't created a playlist.
NO TITLE	• The track or playlist doesn't have a title.
NO INFO.	• There is no information entered for the artist.
NO TRACK	• You haven't checked out tracks for the playlist.
UNFORMAT	• The card isn't formatted.
DATA ERROR	• The data format isn't standard.
LOCKED	• The unit cannot play the card you inserted.
NotPLAY	• Non-AAC, non-MP3, or non-WMA data is on the card. (Appears during play.)
NotDISPLAY	• Text data the unit cannot display is on the card.
NotSUPPORT	• Non-AAC, non-MP3, or non-WMA data is on the card. (Appears on the bitrate display described on page 8.)
U01	• The battery is dead.
NO BATTERY	• You haven't inserted the rechargeable battery into the unit.
ERROR	• An error has occurred. Remove and reinsert the card. If this doesn't correct the display, turn the unit off and on (page 4). If this still doesn't correct the display, try removing and reinserting the battery.
Now Busy	• The unit is manipulating data. Wait a moment.
EMERGENCY STOP	• Because the unit cannot manipulate irregular data on the card, the power is turned off.

ONLY FOR U.S.A

Panasonic

Technics

Quasar

**For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer Service inquiries please contact:
1-800-211-PANA (7262), Monday–Friday 9 am–9 pm; Saturday–Sunday 9 am–7 pm, EST.**

**Web Site: <http://www.panasonic.com/sd>
You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.**

Accessory Purchases:

1-800-332-5368 (Customer Orders Only)
Panasonic Services Company 20421 84th Avenue South, Kent, WA 98032
(6 am to 5 pm Monday–Friday; 6 am to 10:30 am Saturday; PST)
(Visa, MasterCard, Discover Card, American Express, Check)

**Service in Puerto Rico
Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/Factory Servicenter:
Ave. 65 de Infanteria, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985
Phone (787) 750-4300 Fax (787) 768-2910**

ONLY FOR U.S.A

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of Puerto Rico, Inc.
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San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic/Technics Audio Products Limited Warranty

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the Warrantor") will repair or replace this product with new or refurbished parts or equivalent product, free of charge in the U.S.A. or Puerto Rico, in the event of a defect in materials or workmanship as follows (all time periods commence from the date of original purchase):

AUDIO PRODUCTS—labor and parts for one (1) year.

ALL AUDIO RACKS (cabinets)—parts only 30 days.

TECHNICS STAND ALONE SPEAKERS, SUBWOOFER SPEAKERS—labor and parts for three (3) years.

USB READER-WRITER, PERSONAL COMPUTER CARD ADAPTERS—(when applicable)—exchange defective unit with a new or refurbished one for one (1) year.

ACCESSORIES—HEADPHONES, CARTRIDGES, MICROPHONES, ADAPTERS—labor and parts for ninety (90) days.

RECHARGEABLE BATTERIES—(when applicable)—exchange defective item for new one for ten (10) days. Non-rechargeable batteries are not warranted.

SD MEMORY CARDS, RECHARGEABLE BATTERY PACKS—(when applicable)—exchange defective item for new one for ninety (90) days. Non-rechargeable battery packs are not warranted.

Carry-in or mail-in service in the U.S.A. can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicer listed in the Servicer Directory. Or call toll free, 1-800-211-7262 to locate a PASC authorized Servicer. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicer Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in materials and workmanship which occur during normal use and does not cover normal wear to the stylus (when applicable) or a dealer installed cartridge or stylus. The warranty does not cover damages which occur in shipment or failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, maladjustment of consumer controls, improper operation or maintenance, improper antenna, inadequate signal reception or pick-up, alteration, modification, power line surge, improper voltage supply, lightning damage, commercial use, such as; hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a PASC Factory Servicer or a PASC authorized Servicer, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicer. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Department at the company address indicated above.

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton.

Attach a postage-affixed letter, detailing the complaint, to the outside of the carton.

Do NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

THE FOLLOWING APPLIES ONLY IN THE U.S.A.:

CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE FOLLOWING APPLIES ONLY IN CANADA:

This Class B digital apparatus complies with Canadian ICES-003.

Optional accessories

SD Memory Card (as of September 1st, 2001)

- RP-SD064B (64 MB)
- RP-SD032B (32 MB)

Rechargeable battery with case

Part number : HHF-AZ10A

Personal computer card adaptor

Part number : BN-SDABPU/1B

Specifications

Sampling rate:	32 kHz, 44.1 kHz, and 48 kHz
Compression/decompression:	AAC, MP3 and WMA
No. of channels:	Stereo, 2 channels
Frequency response:	20 Hz to 20,000 Hz (+0 dB, -6 dB)
Output terminal:	M3 earphone jack
Output level:	3.5 mW + 3.5 mW (22 Ω)
Power supply:	DC 1.2 V (one rechargeable battery) DC 1.5 V (one LR03, AAA, AM-4 battery)
Approximate play time:	18 hours (When the included rechargeable battery is fully charged) 32 hours (Panasonic alkaline battery) 50 hours (When the fully charged rechargeable battery and alkaline battery are used together)
Maximum dimensions (WxHxD):	43.3 x 44.5 x 17.3 mm (1 11/16" x 1 3/4" x 11/16")
Cabinet dimensions (WxHxD):	42.2 x 41.6 x 15.8 mm (1 11/16" x 1 5/8" x 5/8")
Mass:	38 g (1.34 oz.) with battery 26 g (0.92 oz.) without battery
AC adaptor / Charger:	Input : AC 120 V 60 Hz Output : DC 2V, 220 mA

- Specifications are subject to change without notice.
- The play times shown depend on operating conditions.
- Mass and dimensions are approximate.

A nickel metal hydride battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.



This manual was printed with soy based ink.