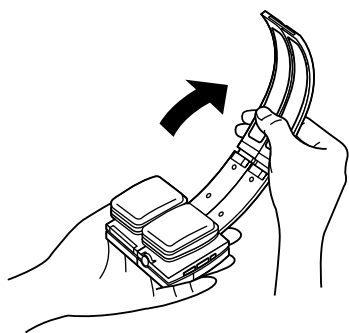
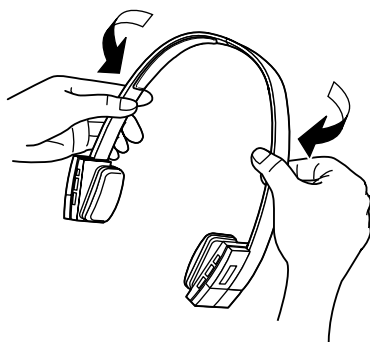


# Preparation

1 Open the headband.



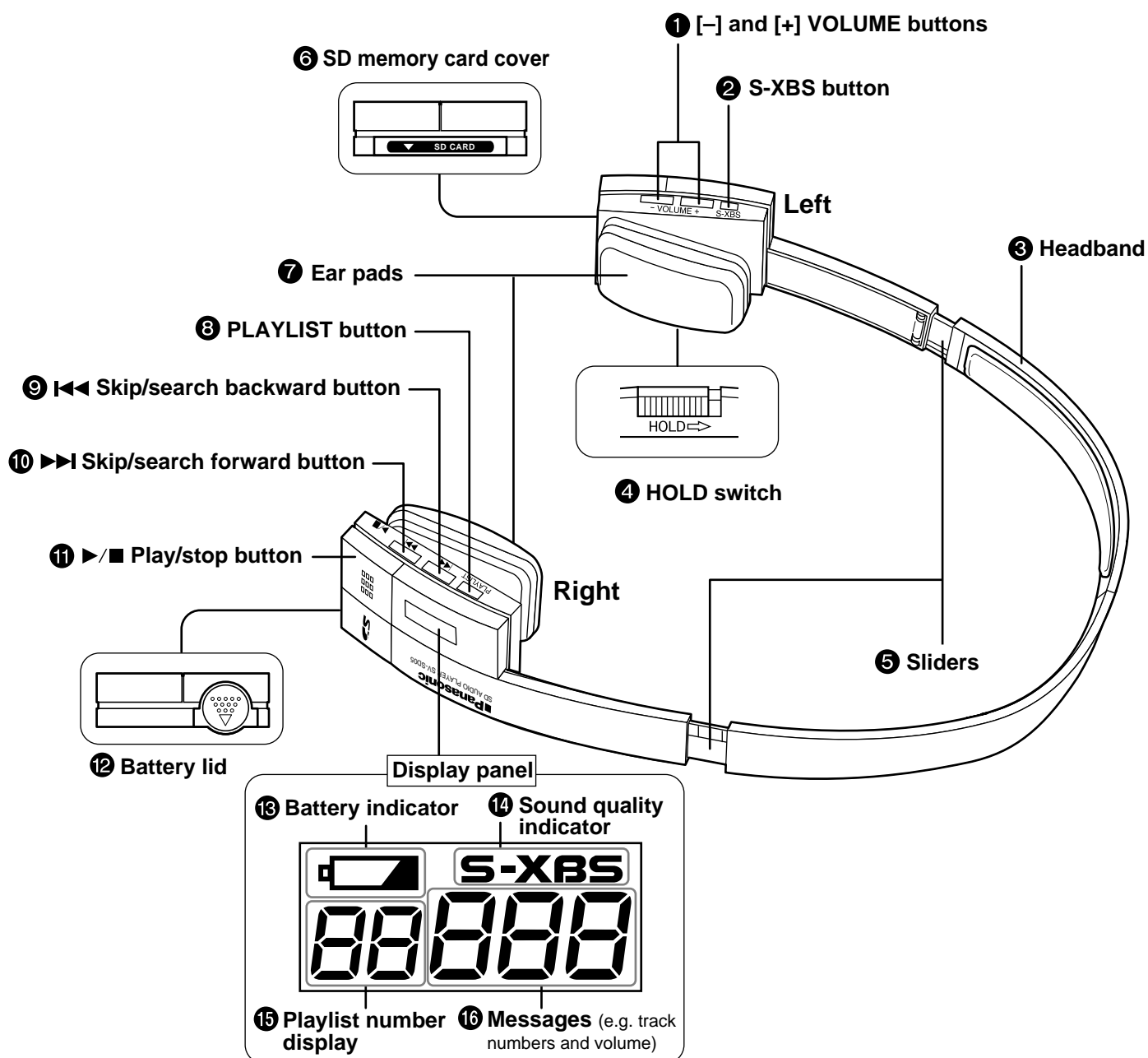
2 Fold out the headband.



3 Put the unit on, observing left and right, and adjust the sliders so the ear pads fit over your ears.

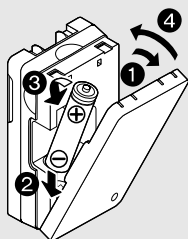


# Location of controls

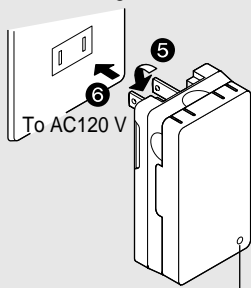


# Batteries

## Using the charger



Close the cover completely, or the charger will not work.



### Charging indicator

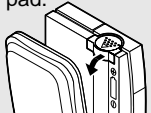
While charging: Lights red  
Fully charged: Turns off

## Inserting the battery

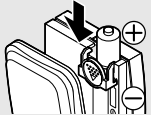
- 1 Open the headband.



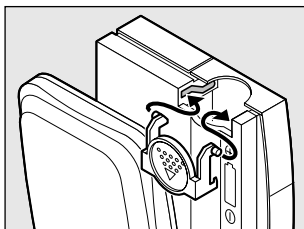
- 2 Push the battery lid out and down towards the ear pad.



- 3 Insert the battery in the correct polarities.



- 4 Close and lock the battery lid.



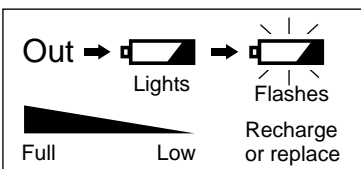
## Rechargeable battery (included)

- Charge before initial use after purchase or after an interval of three months or longer.
- Use only the included charger and insert the battery in the correct polarities when charging.
- It takes approximately two 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.
- When not in use, be sure to disconnect the charger from the AC power outlet.
- **Do not use the rechargeable batteries designed for use with Panasonic's portable CD players. Using this type of battery can cause short-circuiting.**

## Dry cell battery (not included)

- Use alkaline batteries.
- **You cannot use manganese batteries.**

## Battery indicator

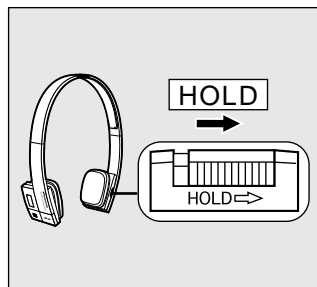


- The indicator appears when the battery is low. It may not appear correctly under some operating conditions. The display during play is the best guide.
- When the indicator flashes, recharge the rechargeable battery or replace the dry cell battery with a new one.

## If the battery lid comes off

Insert the tabs on the lid into the slits inside the battery compartment.

# Hold function



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

### It prevents the following:

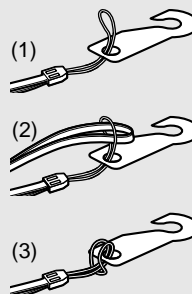
- The unit turning on unexpectedly, causing the battery to go flat.
- Play being interrupted when a button is accidentally pressed.

# Using the lanyard hook

Attach a neck lanyard (not included) to the included hook to help prevent the unit from falling.

## Example of use

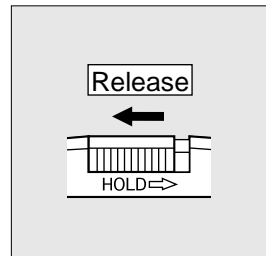
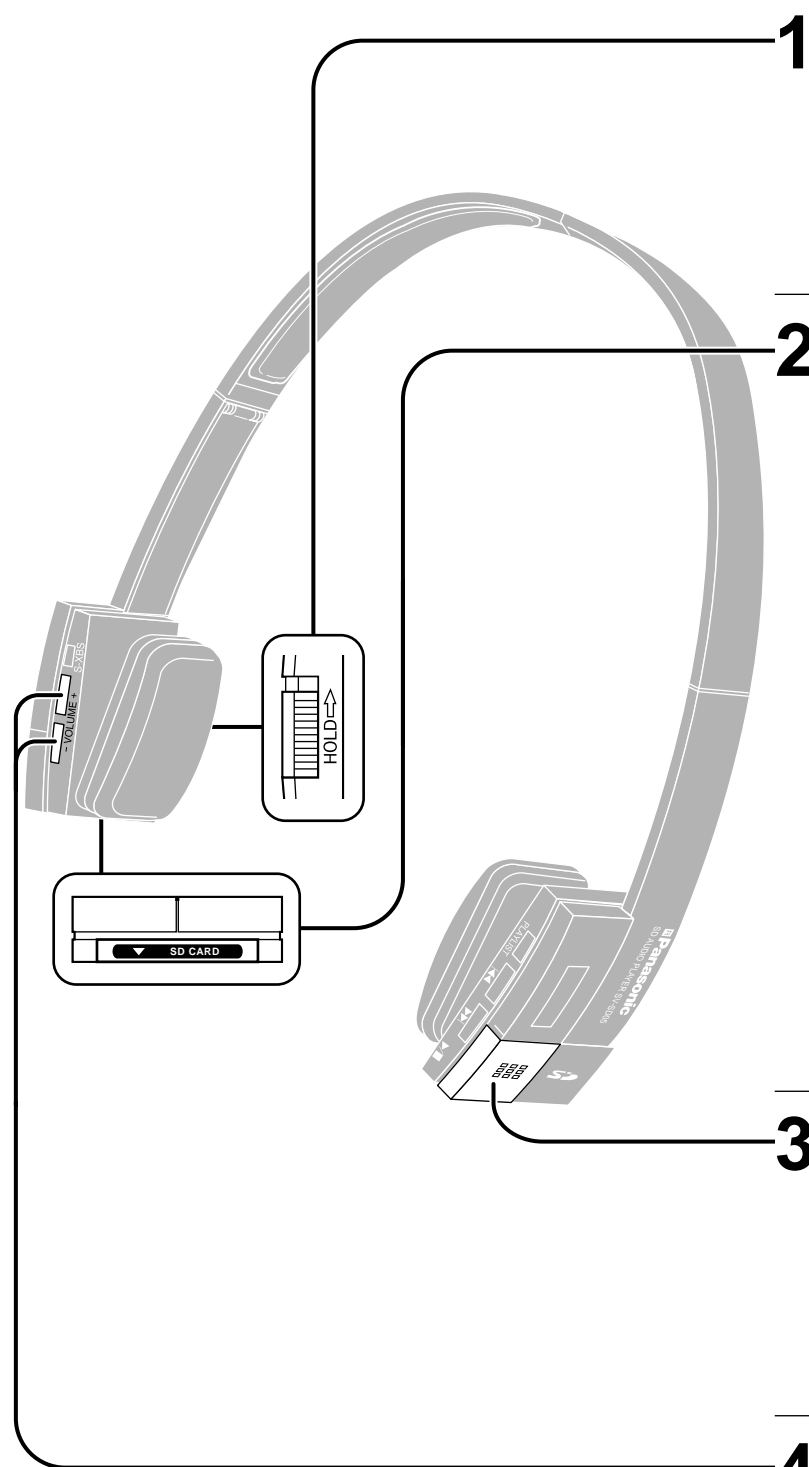
- 1 Attach the lanyard to the hook



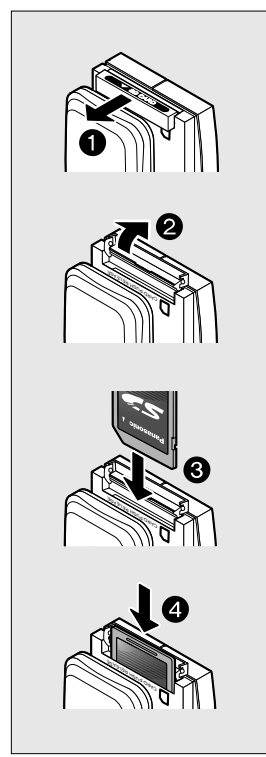
- 2 Hook onto the ear pad stem



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

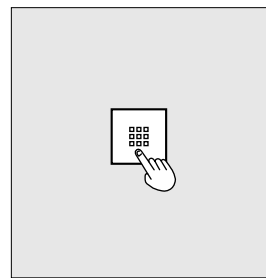


After folding out the headband (page 2), release hold.

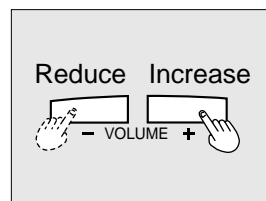
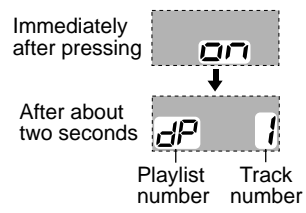


Insert an SD card with tracks recorded (checked out).

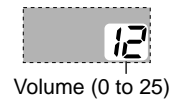
- 1 Push the card cover toward the ear pad.
- 2 Open the cover.
- 3 Insert the card so the label is facing towards the ear pad and the end with the corner cut off is facing in.
- 4 Press on the center of the card so it locks into place and close the cover.



**Press.** The unit comes on and starts play.



**Adjust the volume.** Press and hold to adjust continuously.



**To stop play and turn the unit off**

**Press.** The track number flashes for about ten seconds then the unit turns off.

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

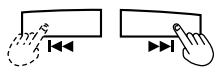
**To remove the SD card**

After stopping play, open the card cover (step 2, 1 and 2), and press on the center of the card to unlock it.

# Other operations

## Skipping tracks

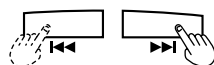
### Press during play.



Backward Forward

## Search

### Press and hold during play.



Backward Forward

## The operation tone

A tone sounds to indicate operation.

Tone	Button pressed
Beep	[▶/■], [PLAYLIST] [- VOLUME +], [S-XBS]
Beep beep	[▶▶] (Skip only)
Beep beep beep	[◀◀] (Skip only)
Beep beep beep beep	The operation cannot be performed. Check the HOLD setting.

## Direct play

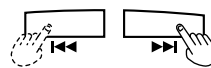
### 1 Press during play.



Play stops and the track number flashes.



### 2 Select the track.



Backward Forward

### 3 Play the track.



- 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.

## Using playlists

When playlists the unit can play are on the card

Playlists created with Panasonic Media Manager cannot be played.

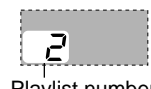
### 1 Press during play.



Play stops and the track number flashes.



### 2 Select the playlist number.



Playlist number

### 3 Play the tracks in the playlist.



- Tracks change faster if you press and hold [PLAYLIST] in step 2.
- If the unit is left stopped for about ten seconds, even after selecting a playlist number, it turns off.
- To play all the tracks on the SD card, select "dP" (default playlist) in step 2.

## Changing sound quality

### Press during play.



Each time you press the button

**S-XBS**

Adds powerful bass

no display

Cancel



This unit cannot repeat play or play tracks in a random order.

## Care and use

### Main unit / Supplied accessories

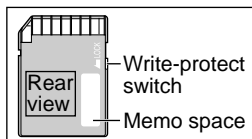
- **Keep the SD memory card out of the reach of children to prevent them from swallowing it.**

#### 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.
- use force to open the battery lid or card cover.
- use cracked or warped cards.
- detach the label on the card or attach other labels or stickers.

### To protect your data

- **Do not touch the metal terminals of the card with your hands or metal objects.**
- **Use an oil-based felt pen to write in the memo space. Do not use pencil or ball-point pen as these can damage data on the card.**
- Switch the write-protect switch of the SD card to "LOCK". Unlock when you want to record or edit the card again.



### Rechargeable batteries / Dry cell batteries

Remove the battery if the unit is not used for a long time.

#### Do not;

- recharge ordinary dry cell batteries.
  - disassemble, short-circuit, or put in a fire or water.
  - peel off the cover or use if the cover has been peeled off.
  - keep together with metallic objects such as necklaces.
- 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.

### Listening caution



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.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing.

Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Leave it there.

## Maintenance

Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild detergent solution.

Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

## 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, **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>).**

Problems	Check points or causes
No operation.	<ul style="list-style-type: none"> <li>• Is the hold function on? (page 5)</li> <li>• Did you insert a card? (page 7)</li> <li>• Is the battery flat? (page 4) (If not, try removing the battery and reinserting it.)</li> </ul>
Cannot hear sound.	<ul style="list-style-type: none"> <li>• Is the volume too low? (page 7)</li> <li>• Have you selected a playlist without any tracks in it?</li> </ul>
Play doesn't start from the first track.	<ul style="list-style-type: none"> <li>• Did you select a playlist? (page 8)</li> <li>• See "Resume". (page 6)</li> </ul>
There is a lot of noise.	<ul style="list-style-type: none"> <li>• Are you using the unit near a television or mobile phone?</li> </ul>

### One of the following codes appears on the display:

E 0 1	• You haven't inserted a card.
E 0 3	• The card isn't formatted.
E 0 4	• There is no SD-audio data on the card.
E 0 5	• The card format isn't standard.
E 0 6	• The unit cannot play the card you inserted.
E 0 7	• The card you inserted isn't an SD card.
E 0 8	<ul style="list-style-type: none"> <li>• An error has occurred. Remove and reinsert the card. If this doesn't correct the display, turn the unit off and on (page 6). If this still doesn't correct the display, try removing and reinserting the battery. If it persists, try recharging the rechargeable battery or replacing the dry cell battery.</li> </ul>
E 1 0	• Non-AAC or non-MP3 data is on the card.
U 0 1	• The battery is flat.

## Product service

Do not attempt to remove the cover(s) or repair the unit yourself. Refer servicing to qualified personnel only.

### Product information

For product service, product information or assistance with product operation, **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>).**

The model number and serial number of this product can be found on the headband of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER SV-SD05

SERIAL NUMBER \_\_\_\_\_

**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 servicer 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)

**Factory Servicenters Locations**

<p><b>CALIFORNIA</b> 6550 Katella Avenue Cypress, CA 90630</p> <p>800 Dubuque Avenue S. San Francisco CA 94080</p> <p>20201 Sherman Way Suite 102 Canoga Park, CA 91306</p> <p>3878 Ruffin Road Suite A San Diego, CA 92123</p> <p><b>COLORADO</b> 1640 South Abilene Street Suite D Aurora, CO 80012</p> <p><b>FLORIDA</b> 3700 North 29<sup>th</sup> Avenue Suite 102 Hollywood, FL 33020</p>	<p><b>GEORGIA</b> 8655 Roswell Road Suite 100 Atlanta, GA 30350</p> <p><b>ILLINOIS</b> 9060 Golf Road Niles, IL 60714</p> <p>1703 North Randall Road Elgin, IL 60123 (Pick-up/Drop-off only)</p> <p><b>MARYLAND</b> 62 Mountain Road Glen Burnie, MD 21061</p> <p><b>MASSACHUSETTS</b> 60 Glacier Drive Suite G Westwood, MA 02090</p>	<p><b>MICHIGAN</b> 37048 Van Dyke Avenue Sterling Heights, MI 48312</p> <p><b>MINNESOTA</b> 7850-12<sup>th</sup> Avenue South Airport Business Center Bloomington, MN 55425</p> <p><b>OHIO</b> 2236 Waycross Road Civic Center Plaza Forest Park, OH 45240</p> <p><b>PENNSYLVANIA</b> 2221 Cabot Blvd. West Suite B Langhorne, PA 19047</p>	<p><b>TEXAS</b> 13615 Welch Road Suite 101 Farmers Branch TX 75244</p> <p><b>WASHINGTON</b> 20425-84<sup>th</sup> Avenue South Kent, WA 98032</p> <p><b>HAWAII</b> 99-859 Iwaiwa Street Aiea, Hawaii 96701 Phone (808) 488-1996 Fax (808) 486-4369</p>
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**Service in Puerto Rico**

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

Panasonic Consumer Electronics Company,  
 Division of Matsushita Electric Corporation  
 of America  
 One Panasonic Way,  
 Secaucus, New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric  
 Corporation of Puerto Rico, Inc.  
 Ave. 65 de Infantería, Km. 9.5, 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 this product with new or refurbished parts in the event of a defect in materials or workmanship, free of charge, in the U.S.A. or Puerto Rico as follows ( all time periods start 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.*

### Customer's Record

Model No. _____	Dealer's Name _____
Serial No. _____ or Code No. _____	Dealer's Address _____
Date of Purchase _____	_____

## 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

This Manual is an overseas version and some details may differ from Instructions enclosed with products sold in Australia

- 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.

## Optional accessories

### SD memory card (as of December 1st, 2000)

- RP-SD064 (64 MB)
- RP-SD032 (32 MB)

### Personal computer card adapter

To connect to a personal computer card slot instead of using the USB connector, obtain the personal computer card adapter, part number BN-SDABPU/1B.

### USB Reader/Writer

Replacement part number: BN-SDCAPU/1B

### Rechargeable battery

Replacement part number: HHR-4UPA/2B

## Specifications

<b>Sampling rate:</b>	32 kHz, 44.1 kHz, and 48 kHz
<b>Compression/decompression:</b>	AAC and MP3
<b>No. of channels:</b>	Stereo, 2 channels
<b>Frequency response:</b>	20 Hz to 20,000 Hz (+0 dB, -6 dB)
<b>Output level:</b>	5 mW + 5 mW (16 Ω)
<b>Power supply:</b>	DC 1.2 V (one rechargeable battery) DC 1.5 V (one LR03, AAA, AM-4 battery)
<b>Approximate play time:</b>	5 hours (When the included rechargeable battery is fully charged) 6 hours (Panasonic alkaline battery)
<b>Maximum dimensions (WxHxD):</b>	
<b>unfolded:</b>	150 x 169 x 40 mm (57/8" x 65/8" x 15/16")
<b>folded:</b>	79 x 109 x 52 mm (31/8" x 45/16" x 21/16")
<b>Cabinet dimensions (WxHxD):</b>	
<b>unfolded:</b>	150 x 169 x 38 mm (57/8" x 65/8" x 11/2")
<b>folded:</b>	77 x 109 x 52 mm (3" x 45/16" x 21/16")
<b>Mass:</b>	104 g (3.7 oz) with battery 92 g (3.2 oz) without battery

- Specifications are subject to change without notice.
- The play times shown depend on operating conditions.
- (Low temperatures can reduce the operational life of the alkaline battery.)
- Mass and dimensions are approximate.



# Panasonic®

## SD Audio Player Operating Instructions

Model No. **SV-SD05**



### 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.

P

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

One Panasonic Way Secaucus, New Jersey 07094

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

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

Ave. 65 de Infantería, Km. 9.5 San Gabriel Industrial Park, Carolina, Puerto Rico 00985

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RQT5658-P M1200YN0

Printed in Japan

## Supplied accessories

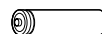
\* SD memory card—1pc.



Case—1pc.  
(Case: RPQ1073, Cushion: RPN1319)

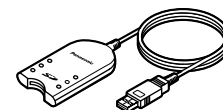
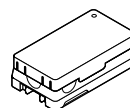


\* Rechargeable battery—1 pc.



\* USB Reader/Writer—1 pc.

Charger  
(DE-820BA)—1 pc.



Lanyard hook  
(RFE0072)—1 pc.



CD-ROM  
(RFE0066)—1 pc.



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

- SD logo is a trademark.
- Portions of this product are protected under copyright law and are provided under license by ARIS/SOLANA/4C.



This manual was printed with soy based ink.