



COMPACT
DISC
DIGITAL AUDIO



This manual was printed with soy based ink.

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Division of Matsushita Electric Corporation of America
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Panasonic Sales Company,
Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
Ave. 65 de Infantry, Km. 9.5 San Gabriel Industrial Park, Carolina, Puerto Rico 00985

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

No play.	<ul style="list-style-type: none"> The HOLD function is on (refer to above). The disc isn't correctly set. The disc is scratched or dirty. (Tracks skipped.) There is moisture on the lens. Wait for about an hour and then try again. The lens is dirty: clean it with a blower (recommended product: SZP1038C). If the lens gets marked with fingerprints, gently wipe them off with a cotton swab.
No sound or there is a lot of noise.	<ul style="list-style-type: none"> Ensure the plugs are inserted firmly. Wipe the plugs clean with a clean cloth. The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly. Separate this unit from mobile telephones.
Play doesn't resume from the track where play stopped at.	<ul style="list-style-type: none"> This doesn't work if you open the lid while the unit is in stop mode. This doesn't work during random play. It may not work correctly under some conditions.
Play doesn't start from the first track.	<ul style="list-style-type: none"> Random play modes may be on (refer to page 4). Play resumes from the track where you last stopped play or power was cut off (play may start from a different track if you change discs after power is cut off). Use skip to return to the first track.
The unit stops working.	Disconnect then reconnect all power sources (batteries and AC adaptor).
The battery indicator fails to appear or is incorrect.	<ul style="list-style-type: none"> The indicator does not appear when an AC adaptor is connected. The indicator does not appear correctly under some conditions.

Model No.

SL-SX320

SL-SX321C

Dear Customer

Thank you for purchasing this product. Before connecting, operating or adjusting this product, please read these instructions completely. Please save this manual.

The model number and serial number of this product can be found on either the back or the bottom of the unit.

Please note them in the space provided below and keep for future reference.
MODEL NUMBER _____
SERIAL NUMBER _____

HOLD

This function causes the unit to ignore accidental button presses. Set to HOLD so the unit doesn't power on accidentally or play is interrupted.

Note on CD-R and CD-RW

This unit can play CD-DA format audio CD-R and CD-RW that have been finalized* upon completion of recording. It may not be able to play some CD-R or CD-RW due to the condition of the recording.

*Finalizing is a process that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

Resume function

The player stores the track where you stopped play or power was cut off. Opening the lid when the unit is in stop mode cancels the function.

Auto power off function

If the unit is left in stop mode for approximately 10 minutes, the unit powers itself off automatically.

Panasonic Canada Inc.

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Display

hold	The HOLD function is on (refer to above).
no disc	<ul style="list-style-type: none"> You haven't inserted a disc or it isn't inserted correctly. You have inserted a disc this unit cannot play.
open	The disc lid is open.
full	Full: The program already contains 20 tracks.

Product service

- Damage requiring service**—The unit should be serviced by qualified service personnel if:
 - The AC power supply cord or AC adaptor has been damaged; or
 - Objects or liquids have gotten into the unit; or
 - The unit has been exposed to rain; or
 - The unit does not operate normally or exhibits a marked change in performance; or
 - The unit has been dropped or the cabinet damaged.
- Servicing**—Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
- Replacement parts**—When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
- Safety check**—After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

Product information

For product information or assistance with product operation:
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>).
In Canada, contact Panasonic Canada Inc. Customer Care Centre at 905-624-5505, web site (www.panasonic.ca), or an authorized Servicentre close to you.

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the safety precautions listed below. Keep these operating instructions handy for future reference.

Safety

- Power source**—Connect the unit to a power source of the type described in these instructions or as marked on the unit.
- Polarization**—The unit is equipped with a polarized power plug where one blade is wider than the other. This safety feature ensures that the plug fits into your household AC outlet only one way. If the plug doesn't fit one way, try reversing it. If the plug still doesn't fit, contact an electrician to replace the obsolete outlet. Do not attempt to defeat the safety purpose of the plug.
- Power cord protection**—Route the AC power supply cord so that it will not be walked on or pinched by items placed on or against it. Never take hold of the plug or cord with wet hands. Always grasp the plug body firmly when connecting and disconnecting it.
- Overloading**—When connecting the AC power supply cord, be careful not to overload the household AC outlet, extension cord, or outlet from any other device as this can result in fire or electric shock.
- Nonuse periods**—Turn the unit off when it is not in use. Unplug the unit from the household AC outlet if it is not to be used for a long time. Unplug the unit during lightning storms. Leaving the unit connected to a household AC outlet for extended periods can cause battery fluid leakage.
- Attachments and accessories**—Use only the attachments and accessories recommended in these operating instructions.

Installation

■ Placement

- Foreign material**—Ensure objects and liquids do not get into the unit. Avoid exposing the unit to excessive smoke, dust, mechanical vibration, and shock.
- Magnetism**—Situate the unit away from equipment and devices that generate strong magnetic fields.
- Stacking**—Do not place anything on top of this unit.
- Wall and ceiling mounting**—Do not mount the unit on walls or ceilings unless specified in the instructions.

■ Environment

- Water and moisture**—Do not use the unit near water, such as near a bathtub or swimming pool. Avoid damp basements.
- Heat**—Situate the unit away from heat sources, such as radiators. Do not leave it in an automobile exposed to direct sunlight with the doors and windows closed as this may deform the cabinet. Do not situate where temperatures fall below 5 °C (41 °F) or rise above 35 °C (95 °F).

Maintenance

Unplug the unit from the household AC outlet before cleaning.
Clean with a damp cloth.
Do not use abrasive pads, scouring powders, or solvents.

Service

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ONLY FOR U.S.A.

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

Panasonic Audio Products Limited Warranty

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but are for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

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 exclusions 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 Servicenter. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

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

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)

Customer Services Directory

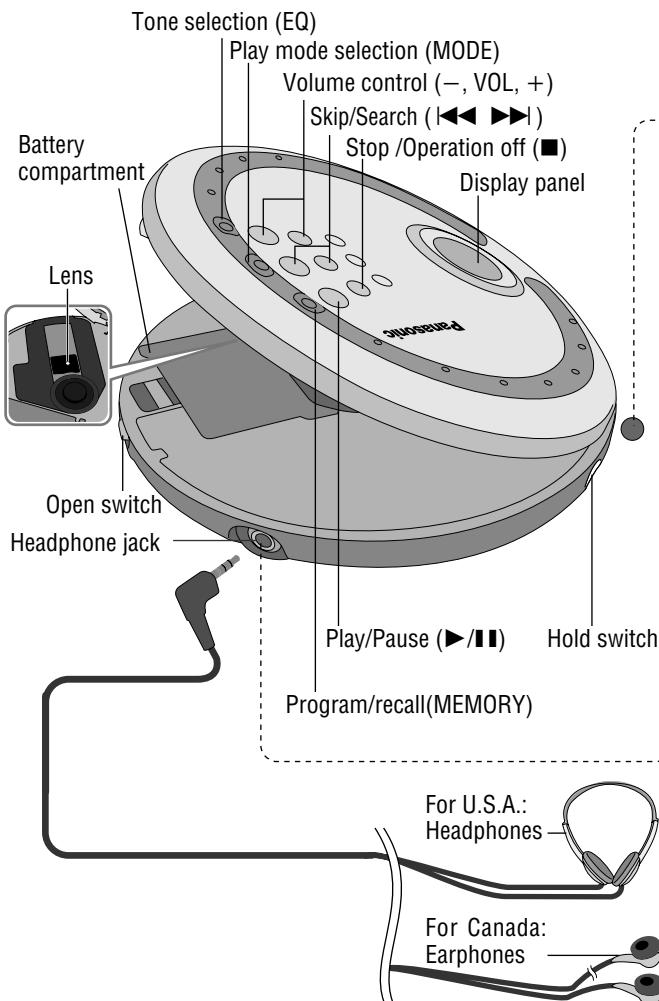
For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer Service inquiries please contact:
1-800-211-PANA (7262), Monday-Friday 9 am-9 pm;
Saturday-Sunday 9 am-7 pm, EST.

Web Site: <http://www.panasonic.com>

You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.

Location of controls/Connection to other equipment

Turn off this unit and the other equipment before connection.



To DC IN jack

AC adaptor (RP-AC46) (not included)

Car power adaptor
(Purchase SH-CDC9 for SL-SX320)
• When you switch off the car, the volume returns to 10.

Household AC outlet

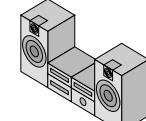


Some cannot be connected.

To Headphone jack

Car stereo cassette adaptor
(Purchase SH-CDM10A for SL-SX320)
• Set the unit's volume to 10.

Audio system



Audio cable (not included)
• Set the unit's volume to 10.

Adjust the volume level on the audio system.

Supplied Accessories

Check the packing carton for these accessories.

For U.S.A.

- 1 Pair of stereo headphones: LOBAD0000162

For Canada

- 1 Pair of stereo earphones: LOBAB0000123

SL-SX321C ONLY

- 1 Car power adaptor: SH-CDC12PEY

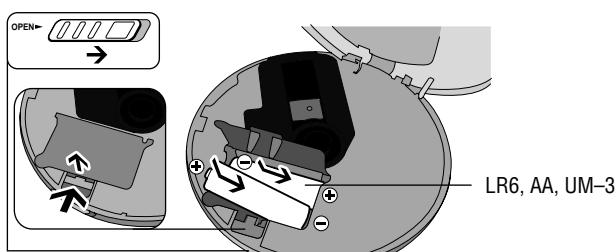
- 1 Car stereo cassette adaptor: SHCDM10B1PYK

Use numbers indicated when ordering replacements or optional accessories from your Panasonic dealer.

In U.S.A. contact 1-800-332-5368 or web site (<http://www.panasonic.com>).

Power Supply

Dry cell batteries (not included)



Fit the battery lid so it is secure and flush with the battery compartment if it comes loose, otherwise it can scratch your discs.

To remove the batteries, lift from the left.

Play time: About 33 hours

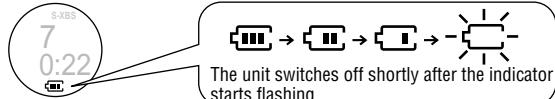
Rechargeable batteries (not included)

If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended.

This unit cannot recharge batteries. The battery indicator will not function correctly when using rechargeable batteries.

The battery indicator

This indicator appears when the unit is on.



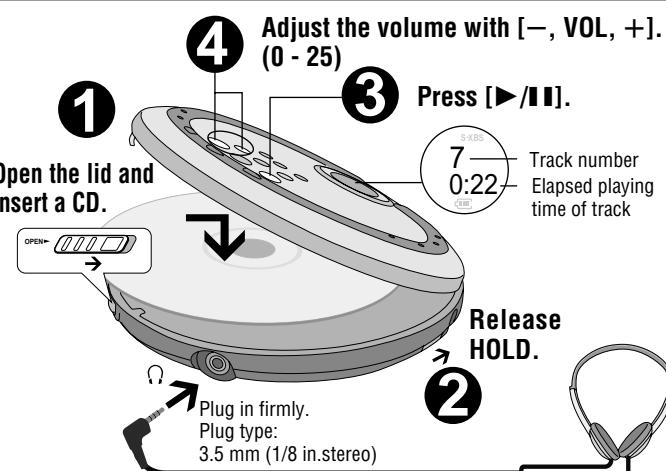
Before playing starts the battery indication may flash although the batteries are not drained. This is normal.

Car adaptor

The SL-SX321C comes with a car adaptor. (Refer to the separate installation instructions.) Be sure to obtain the car power adaptor (SH-CDC9) for SL-SX320 available as an optional accessory.

How to Use

Playback



The volume returns to 10 when you disconnect the power source.

Pause



Press.

Press again to restart play.

Search



Press and hold during play.

You can search only within the current track during program, one-track repeat, or random play modes (refer to page 4).

Stop



Press.

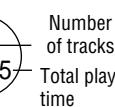
Press again to turn the unit off.

Skip



Press.

Press [◀◀] twice to skip to the beginning of the previous track during play.



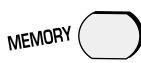
Other Play Methods

Program Play

1 Select the tracks while stopped.



2 Press to register.



3 Repeat steps 1 and 2 to register up to 20 tracks.

4 Start play.



■To confirm the contents of the program

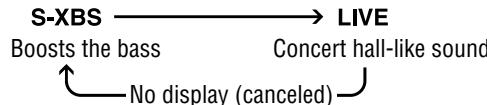
Press [MEMORY] while the disc is playing.

■To delete the entire program

Press [■].

Changing the sound quality

Each time you press [EQ]



■The effect may differ between different kinds of music.

Caution

Batteries

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

CDs

- Do not use irregularly shaped CDs.
- Do not use non-specification discs.
- Do not use CDs printed with label printers available on the market.
- Do not use CDs with labels and stickers that are coming off or with adhesive exuding from under labels and stickers.

Listening



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.

Allergies

Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

Play modes

Each time you press [MODE]



1 ↪ → ↪ → RANDOM → ↪ RANDOM

One track
repeat

All track
repeat

Random

Random
repeat

No display (canceled)

■ You cannot skip back to other tracks during random play.

Anti-Skip System

This system reduces the skipping caused by vibration to a minimum. You can change the anti-skip memory time to improve sound quality.

Each time you press and hold [MODE]



POS2 ← → POS1

Better sound quality,
10-second anti-skip memory

Normal sound quality,
45-second anti-skip memory

Specifications

Audio

No. of channels:
2 (left and right, stereo)

Frequencies response:

20 to 20,000 Hz
(+0 dB to -7 dB)

DA converter: 1 bit, MASH

Headphone output level:

RMS max. 6 mW+6 mW/
16 Ω (adjustable)

Pickup

Light source: Semiconductor laser

Wavelength: 780 nm

General

Power supply:

DC input (via optional AC adaptor):
DC 4.5 V

Operational temperature range:

0 °C-40 °C
(32 °F-104 °F)

Play time:

[When used in hold mode with EQ canceled, at 25 °C (77 °F) on a flat, stable surface]

2 optional alkaline batteries:

About 33 hours

• The play time may be less depending on the operating conditions.

• Play time will be considerably reduced when playing CD-RW.

Dimensions (W×H×D):

135×27.7×135 mm
(5⁵/16"×1¹/₁₆"×5⁵/16")

Mass:

206 g (7.3 oz.)

(with batteries)

160 g (5.6 oz.)

(without batteries)

Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.