

Using the Unit with Optional Accessories

Using the unit with a car audio system

- XL-PV390SL comes with the car adaptor and car audio cassette adaptor.
- Car adaptor (CA-R456) or CA-R457)
- Car audio cassette adaptor (CA-RC6)

To connect to a car audio system:

Connect the car audio cassette adaptor to the unit's headphones jack. (When doing this, keep the unit's VOLUME control at a medium setting.)

Depending on the automobile used, noise may occur, and in that case, it is recommended that a KS-U32 noise filter (optional) be used.

Note:

It may not be possible to use the unit with some types of car stereo owing to restrictions imposed by the construction of the car audio cassette adaptor.

For further details, refer to the instructions of the part concerned.

Maintenance

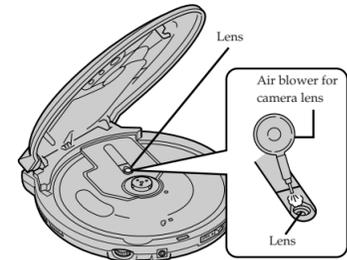
Maintaining the unit

Wipe the unit with a soft cloth. Remove stubborn dirt using a cloth which has been dipped in water or soapy water and wrung out, and then wipe dry.

- If you intend to use a chemically treated cleaning cloth, read its directions first.
- Do not use alcohol or paint thinners.

Maintaining the lens

Open the lid and clean the lens as shown in the figure. Use a cotton swab to gently wipe off any finger-prints. Recommended product: Lens cleaner kit



Specifications

Portable CD player

- Type : Compact disc player
- Signal detection system : Non-contact optical pickup (semiconductor laser)
- Pickup system : 3 beam laser
- Number of channels: 2 channels (stereo)
- Frequency response : 20 Hz to 20 000 Hz
- Wow & flutter : Unmeasurable
- Output : Headphones (3.5 mm dia. stereo × 1) 9 mW/ch at 10 % THD/16 Ω matching impedance (16 Ω to 1 kΩ)
- Duration of battery (with Anti-Shock Protection EX OFF) : Approx. 3 hours when using two rechargeable batteries (BN-R1211) charged for 10 hours, Approx. 20 hours when using two alkaline batteries (LR6)
- Power requirements : DC 3 V ("AA" size battery × 2) DC 2.4 V (rechargeable battery × 2) DC IN 4.5 V
- Dimensions (W×H×D) : 134 mm × 30 mm × 144 mm (5³/₁₆" × 1³/₁₆" × 5¹¹/₁₆" (Excluding buttons and controls)
- Mass : 237 g (0.53 lbs) (without batteries)

AC adaptor

- Input power source : AC 120 V, 60 Hz
- Output voltage : DC 4.5 V, 600 mA

* Design and specifications are subject to change without notice.

Troubleshooting Guide

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of Authorized Service Centers (enclosed with this unit) to locate a convenient service center, or consult your dealer for instructions.

Problem	Check this
Does not turn on.	<ul style="list-style-type: none"> • Are the batteries charged? • Is the AC adaptor (not included) securely connected? • Is the HOLD switch set to HOLD position?
Cannot close cover.	Is the disc properly secured in place?
Cannot play discs.	<ul style="list-style-type: none"> • Is the disc properly secured in place? • Is there moisture condensation on the lens? (Wait for about an hour and then try again.)
Cannot hear music—too noisy.	<ul style="list-style-type: none"> • Is the headphone plug inserted all the way? • Is the plug dirty? (Wipe away dirt on the plug.)
TV picture is distorted. Radio reception is noisy.	Are you using the unit body too near a TV or tuner? (If the TV or tuner is connected to a simple indoor antenna, connect it to an outdoor antenna.)
"diSC" or "Er" is displayed when a disc is in the player.	<ul style="list-style-type: none"> • Is the disc damaged? • Is the disc playable on this player? • Has the disc been inserted upside down?

Concerning Compact Discs

Only compact discs bearing this mark can be used with this unit.



However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the unit. CD-R and CD-RW discs recorded with the audio CD format can be played back, though some may not be played back because of the disc characteristics or recording condition.

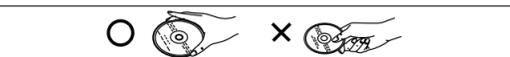
How to remove a disc from its case



How to store the disc in its case

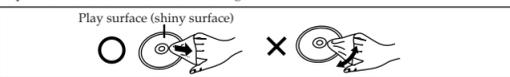


How to hold a disc



If the disk surface is dirty

Wipe it with a damp cloth and then wipe dry. Wipe from the center toward the outer edge.



If moisture has formed on a disc

When moisture has formed because the disc was brought suddenly into a warm room from a cold environment, wipe off the moisture using a soft dry cloth.

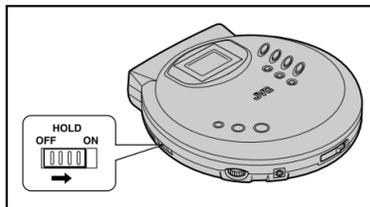
When storing discs

- Avoid locations which are
- Exposed to direct sunlight.
 - Susceptible to high levels of humidity or dust.
 - Directly exposed to heat from a heating appliance.
 - On top of a car dashboard or near the rear window.

Handling precautions

- On the label side (the side with writing) Do not write anything using a pencil, ball-point pen, etc. Do not use adhesive paper or labels.
- On the disc (shiny) side Handle this side carefully to keep it free from fingerprints or scratches. Do not use record cleaners, solvents, etc.
- Do not attach labels or stickers to CDs. Do not use CDs with exposed adhesive from tape or left over peeled off stickers.
- Do not use scratch-proof protectors or covers other than those specified for use with this unit.

Accidental Operation Prevention Function (Hold Mode)



This function causes the unit to ignore short, accidental button presses.

The accidental operation prevention function prevents the following:

- Powering on the unit accidentally (which can cause the batteries to go dead).
- Play being cut off unexpectedly in the middle of a track.

To use the accidental operation prevention function

- To prevent the unit from powering up accidentally, set the HOLD switch to the ON position.
- To prevent the unit from unexpected operation during play, set the HOLD switch to the ON position after you starts playing the disc.

“”

When the unit is in the hold mode according to the HOLD switch setting in the main unit, “” lights up if the  is pressed.

To release the function

Move the HOLD switch back to OFF position.

Note:

If the HOLD switch on the unit is set to the ON position, you cannot turn on the unit.

Cautions

Listening precautions



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 an 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:

- Set the dial and leave it there.

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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:

- Set the dial and leave it there.

Rechargeable batteries

- Only the BN-R1211J battery can be recharged.
- If the power delivered by the batteries lasts for a very short time after recharging, it means that the batteries' service life is over. Do not use them any more.
- Recharging already charged batteries will shorten their service life.

When purchasing rechargeable batteries

- When recharging batteries for the first time or when they have not been used for a long period of time, the play time may be shorter than usual. In a case like this, repeatedly recharge and discharge the batteries. This will restore them to their regular state.
- Do not allow any metal objects to touch the terminals of rechargeable batteries since this may cause short-circuiting which is dangerous.
- Do not peel off the plastic covering on the rechargeable batteries. Short-circuiting may occur which is dangerous.

Dry cell batteries / rechargeable batteries

To prevent damage to the batteries and electrolyte leakage, heed the following points.

- Align the ⊕ and ⊖ polarities properly when inserting the batteries.
- Do not mix different types or makers of batteries or old and new batteries.
- Remove the batteries if you do not plan to use the unit for a long period of time.
- Do not throw batteries into a fire, and do not short-circuit, disassemble or subject them to excessive heat.
- Do not attempt to recharge dry cell batteries.

Carrying dry cell batteries / rechargeable batteries around

When putting dry cell or rechargeable batteries in a pocket or bag, ensure that no other metal objects such as a necklace are placed together with them. Contact with metal may cause short-circuiting which, in turn, may cause a fire.

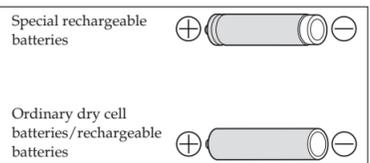
When purchasing rechargeable batteries

As a safety precaution, the portable CD players made by JVC have a construction designed to make it impossible to recharge ordinary batteries.

To use rechargeable batteries, be absolutely sure to purchase the rechargeable Ni-Cd batteries designed especially for this unit.

Special rechargeable Ni-Cd batteries: BN-R1211J (set of 2)

For details, check with your dealer.



When purchasing AC adaptor

To use AC adaptor, be absolutely sure to purchase the AC adaptor designed especially for this unit.

AC adaptor: AA-R4513

For details, check with your dealer.

When driving a car

In the interest of traffic safety, do not operate the unit while driving.

Precautions

Before using this unit, be sure to read the applicable items of the operating instructions and these safety-suggestions carefully. Afterwards keep them handy for future reference. Take special care to follow the warnings indicated on the unit itself as well as in the operating instructions.

Safety

1. **Care of AC adaptor** (not included) - The cord of the AC adaptor should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Never take hold of the AC adaptor if your hand is wet, and always grasp the plug when connecting or disconnecting it.
2. **Disconnect when not in use** - When not in use, be sure to disconnect the AC adaptor (not included) from the AC power outlet.
3. **Batteries** - If the unit is not used for a long period of time or is used only from an AC power source, remove all the batteries to prevent potential damage due to battery leakage. Do not mix (old and new) batteries or different types of batteries.

Installation

■ Environment

1. **Condensation** - Moisture may form on the lens in the following conditions...
 - immediately after a heater has been turned on.
 - in a steamy or very humid room.
 - when the unit is suddenly moved from a cold environment to a warm one. If moisture forms inside this unit, it may not operate properly. To correct this problem wait about one hour for the moisture to evaporate.

■ Placement

1. **Foreign Material** - Care should be taken so that objects do not fall into and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
2. **Magnetism** - The unit should be situated away from equipment or devices that generate strong magnetic fields.
3. **Stacking** - Do not place any objects on top of the unit.

Maintenance

(See page 5 for details.)

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 benzine.

Service

1. **Damage Requiring Service** - The unit should be serviced by qualified service personnel when:
 - (a) The AC adaptor is damaged; or
 - (b) Objects have fallen or liquid has been spilled into the unit; or
 - (c) The unit has been exposed to rain; or
 - (d) The unit does not appear to operate normally or exhibits a marked change in performance; or
 - (e) The unit has been dropped, or the enclosure damaged.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION!

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

1. **CLASS 1 LASER PRODUCT**
2. **ANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

JVC

PORTABLE CD PLAYER XL-PG39BK/XL-PG39RD/XL-PV390SL

For Customer Use:

Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the player. Retain this information for future reference.

Model No. _____

Serial No. _____



INSTRUCTIONS

Supplied Accessories

Check the packing carton for these accessories.

- Stereo headphones 1 pc.
- Car adaptor (CA-R456) or CA-R457) (XL-PV390SL) 1 pc.
- Car audio cassette adaptor (CA-RC6) (XL-PV390SL) 1 pc.

Use numbers in parentheses when asking for replacement parts.

Thank you for purchasing this JVC product. Please read these instructions carefully before starting operation to be sure to obtain optimum performance and a longer service life from the unit.

THE FOLLOWING NOTICES ARE APPLIED ONLY FOR U.S.A.:

POWERED BY NICKEL-CADMIUM BATTERY. MUST BE RECYCLED OR DISPOSED OF PROPERLY.

ATTENTION:

The product that you have purchased is powered by a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.



Ni-Cd



Ni-Cd

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 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.



VICTOR COMPANY OF JAPAN, LIMITED

LVT0978-008A [J]



Power Supply Preparations

Refer to the specifications (page 6) for information on operating times when using rechargeable batteries or dry-cell batteries.

When using rechargeable batteries (not included)

Be sure to recharge the rechargeable batteries BN-R1211J (not included) before using them. For information about these, see "When purchasing rechargeable batteries" on page 6.

Recharging procedure

1 Insert the special rechargeable batteries into the unit.

Notes:

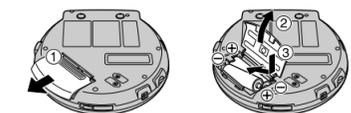
- To operate the unit on batteries, the AC adaptor must be disconnected from the DC IN jack.
- It takes approximately 10 hours to recharge the rechargeable batteries.
- Rechargeable batteries have a service life of approximately 300 charge-discharge cycles. If the operating time on one full charge becomes noticeably shorter than it used to be, the batteries have reached the end of their service life and should be replaced.
- Recharging takes place only when the unit is powered off. (It is not possible to recharge the batteries while playing a CD.)
- The AC adaptor and rechargeable batteries may become warm while recharging is in progress. This is normal and is not a malfunction.

If the battery lid compartment comes loose

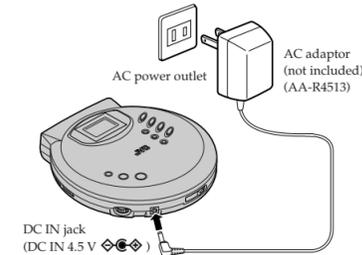
Slide the lid back into place horizontally.

Removing batteries

Push up on the battery in the direction indicated by the arrow. Then lift it out.



2 Connect the AC adaptor (not included). See "When purchasing AC adaptor" on page 6.



*Recharging will be completed after 10 hours.

When using the AC adaptor (not included)

See "When purchasing AC adaptor" on page 6.

Connect the AC adaptor.

Refer to "Using rechargeable batteries" for connection instructions.

Note:

The unit is in 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.

Using the car adaptor

XL-PV3905L comes with a car adaptor. For XL-PG39BK/XL-PG39RD, obtain the optional car adaptor as required.

- Car adaptor (CA-R456) or CA-R457J)

The car adaptor can be used to recharge the unit's batteries while in a car.

When using dry-cell batteries (not included)

Insert two "AA" (LR6) alkaline batteries.

The procedure for inserting and removing dry-cell batteries is identical to that for rechargeable batteries.

Notes:

Be sure to disconnect the AC adaptor (not included) beforehand, if it is used.

Battery indicator



Battery indicator

This indicator flashes on and off when the batteries are almost out of power. Power is cut off completely a short while later.

Rechargeable batteries: Recharge batteries.

Dry-cell batteries: Replace batteries with new ones.

Notes:

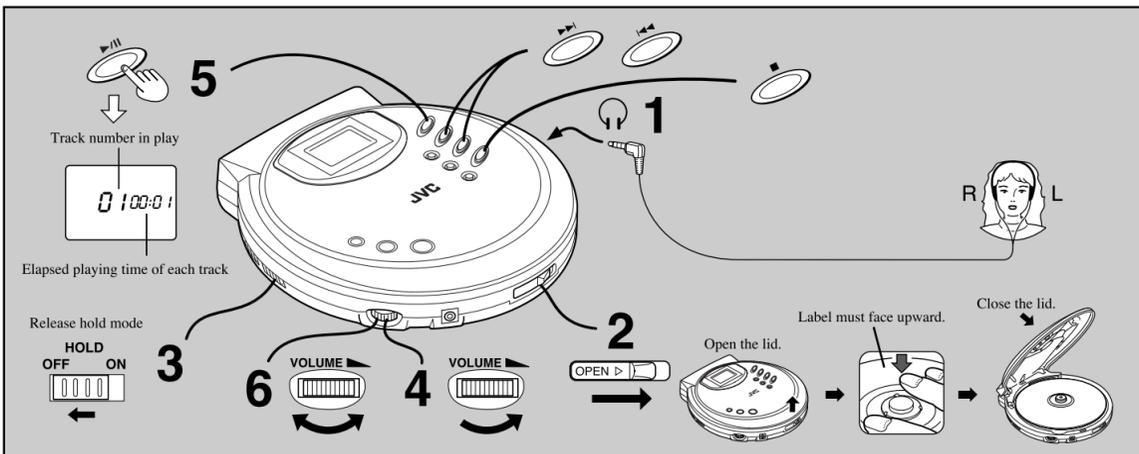
- The length of time the unit can continue further operation after the battery indicator starts flashing differs depending on the type of batteries used.
- The battery indicator may not flash if rechargeable batteries, other than those designated by JVC, are used.

Tip:

Turning off the Anti-Shock Protection EX will save the battery power more or less. For details, see "Anti-shock Protection EX" on page 4.

If the unit malfunctions or freezes during use, disconnect the power source (the AC adaptor and batteries) once. Then, re-connect the power source and continue operation.

Sequential Play Basic Play



Follow steps 1-6.

In steps 1, firmly connect the plug into the jack.

- Play stops automatically when all the tracks have been played.
- When the unit is connected to a car audio system, set the volume level on the car audio system to minimum position before playing the disc. Then, gradually increase the volume level.

For your reference:

"d 15L"

This indication appears for about 30 seconds if the ►/II button is pressed when no disc is loaded in the unit or if the disc is not properly seated. Then, the unit is automatically shut off.

"_ _"

This indication appears to let you know the status of the unit.

- Preparation period before playing the track. Flashes for several seconds after you have pressed the ►/II button to play the disc. (Flashes until the rotational speed of disc becomes constant or until the contents of disc is read.)

"OP 30"

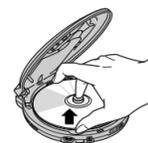
- Opened lid. Stays lit for 30 seconds when the lid is opened.

Note:

Never insert foreign objects into the unit body.

Removing discs

Turn off the unit and, after the disc has stopped rotating, remove the disc as shown below:



Auto power off function

If the unit is left in stop mode for 30 seconds, the unit powers itself off automatically to prevent the batteries from running down.

Operation	Button	Display/reference
To pause play		 Press again to resume play.
To stop play Stop mode		 Total playing time.
To turn off the unit Off mode		
Fast forward/ reverse	Skip function During play, press.	<ul style="list-style-type: none"> To skip back to the previous track, quickly press the ◀◀ button twice. During program play, the button is used to fast forward or back through the programmed sequence of tracks. During random play, the skip button cannot be used to skip back to tracks that were played previously in the random sequence.
	Forward 	
	Reverse 	
	Search function Keep depressed during play.	

Other Play Methods

Skip play

You can play any track after locating it with the ◀◀ or ►► buttons. Preparation: Put the unit in stop mode. (See page 3.)

1 Select the track you want to play.



2



For your reference:

You can also skip the track during playback, with the ◀◀ or ►► button.

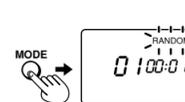
Random play

You can play all tracks in a random order. After playing all tracks, the unit stops.

1 Play the disc.



2 Press MODE until "RANDOM" flashes.



Release

Press MODE until "RANDOM" goes out, or press the ■ button to stop the disc.

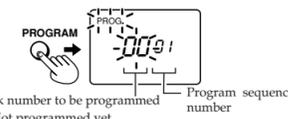
For your reference:

- You can also select random play in stop mode. In stop mode, press MODE until "RANDOM" lights up. Then, press ►/II to start random play.
- During program play ("PROG" appears on the display), random play is not selectable.

Program play

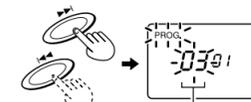
You can program up to 20 tracks in any desired order including the same tracks.

1 During playback or in stop mode, press PROGRAM.



Track number to be programmed 00: Not programmed yet.

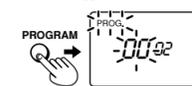
2 Select the desired track.



e.g. Track number 3

3 Press PROGRAM.

The track is registered, and "00" and the next program sequence number appear.



4 Repeat steps 2 and 3 to select other tracks.

When you program exceeding 20 tracks, the program sequence number returns to "01" and will overwrite the previous setting.

5 Press the ►/II button.

The tracks are played in the programmed order, and then the unit stops.



To confirm the programmed tracks

In stop mode, press PROGRAM repeatedly. The programmed track number will successively appear together with the program sequence number. At this time, you can change the program, if required. If the programmed tracks are less than 20, track number "00" appears for the youngest programmable sequence number, enabling further programming.

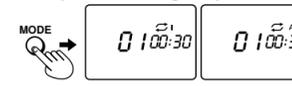
To delete the entire programmed sequence

Turn off the unit, or set the track number to 00 for the first program sequencer number, "01".

Repeat function

You can repeatedly play one track or all tracks.

1 During playback or in stop mode, press MODE until the repeat indicator lights up.



2 When you select repeat function in stop mode, press ►/II.



Cancelling

Press MODE until the repeat indicator goes out and the unit returns to normal play mode.

For your reference:

Repeat function is also effective for program play.

Intro play

You can successively play the first 10 seconds of every track from the first track.

Intro play stops after playing the last track.

1 During playback, press MODE until "INTRO" flashes.



2 Press the ►/II button.

The "INTRO" play will start from the first track.



Cancelling

Press MODE until "INTRO" goes out and the unit returns to normal play mode.

To normally play the track being played

Press the ►/II button.

For your reference:

- You can also enter intro play in stop mode.
- You can also use intro play for program play.

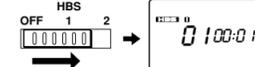
Hyper-Bass Sound effect

You can enjoy powerful bass sound.

To get the hyper-bass sound effect

Set HBS switch to "1".

Set HBS switch to "2" to get more effect.



To cancel the effect

Set HBS switch to "OFF".

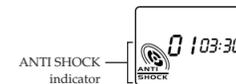
Notes:

- During Anti-Shock Protection EX operation, the disc rotates at a higher rate than usual in order to collect extra audio data. This may cause the batteries to run out faster and could result in a slight increase in disc rotation noise.
- The Anti-Shock Protection EX function can be switched ON and OFF during playback. However, this may cause a slight interruption in the sound because the disc's rotational speed changes.

Anti-Shock Protection EX

This function has been developed to achieve excellent performance against sound interruption caused by vibrations. You will be able to enjoy listening to music during jogging (not vigorous jogging). This function is achieved by utilizing the high-performance servo circuit and audio data that has been stored in the memory ahead of time (up to 45 seconds worth).

Normally, the "ANTI SHOCK" indicator lights up on the display and the Anti-Shock Protection EX is in effect.



When the disc is played, as the audio data gradually stored in the memory, the "ANTI SHOCK" indicator changes as follows:



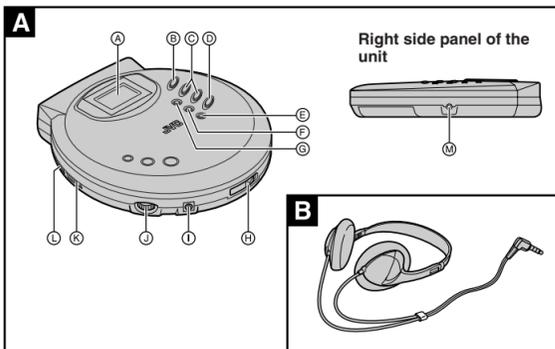
To cancel the Anti-Shock Protection EX

Press the A.S.P. button in stop mode or during playback. The "ANTI SHOCK" indicator goes out on the display.

To activate the Anti-Shock Protection EX again

Press the A.S.P. button again.

Location of Controls



Portable CD player A

- A Display
- B Play / pause button (►/II)
- C Skip / search buttons (◀◀, ►►)
- D Stop / power off button (■)
- E PROGRAM button
- F A.S.P. (Anti-shock protection EX) button
- G MODE button
- H Lid open switch (OPEN ►)
- I DC in jack (DC IN 4.5 V ⚡)
- J Headphones volume control (VOLUME ◀▶)
- K HOLD switch
- L Hyper-bass sound switch (HBS)
- M Headphones jack (🎧)

Stereo headphones B