

# 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.

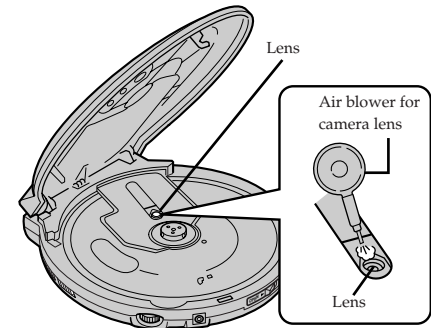
- If you intend to use a chemically treated cleaning cloth, read its directions first.
- Do not use alcohol or paint thinners.

## Maintaining the lens

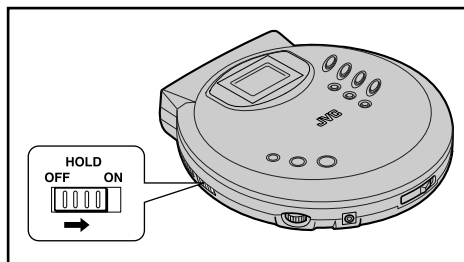
Open the lid and clean the lens as shown in the figure.

Use a cotton swab to gently wipe off any finger-prints.

Recommended product: Lens cleaner kit



# 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.

But the unit and wired remote control have HOLD switches, each of which works independently.

## 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 ►/II 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.

# 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 k Ω)
- 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 (“R6” 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 (Excluding buttons and controls)
- Mass : 237 g (without batteries)

## AC adaptor

- Input power source : AC 230 V, 50 Hz (for the U.K.) AC 220 V - 240 V/110 V - 127 V, 50/60 Hz (for multi voltage area)
- 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"> <li>• Are the batteries charged?</li> <li>• Is the AC adaptor securely connected?</li> <li>• Is the HOLD switch set to HOLD position?</li> </ul>
Cannot close cover.	Is the disc properly secured in place?
Cannot play discs.	<ul style="list-style-type: none"> <li>• Is the disc properly secured in place?</li> <li>• Is there moisture condensation on the lens? (Wait for about an hour and then try again.)</li> </ul>
Cannot hear music—too noisy.	<ul style="list-style-type: none"> <li>• Are the headphone plug and the wired remote control plug inserted all the way?</li> <li>• Is the plug dirty? (Wipe away dirt on the plug.)</li> </ul>
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"> <li>• Is the disc damaged?</li> <li>• Is the disc playable on this player?</li> <li>• Has the disc been inserted upside down?</li> </ul>

# Cautions

## Rechargeable batteries

- Only the BN-R1211 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 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 makes 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.

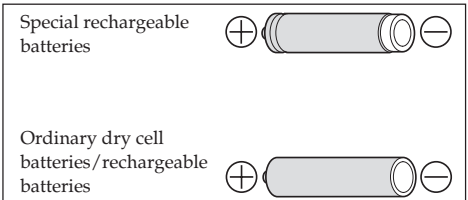
## When purchasing rechargeable batteries

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-R1211 (set of 2)

For details, check with your dealer.



## Notice about the rechargeable battery

The battery is designated recyclable.

Please follow your local recycling regulations.

## When driving a car

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

## When purchasing AC plug adaptor (for multi voltage area)

Be absolutely sure to purchase the AC plug adaptor designed especially for this unit.

### AC plug adaptor: QAM0060-001

For details, check with your dealer.

## AC adaptor

- Handle the AC adaptor carefully. Improper handling is dangerous.
  - Do not touch it with wet hands.
  - Do not place heavy objects on top of it.
  - Do not forcibly bend it.
- Be sure to connect only the AC adaptor provided (XL-PG395L for the U.K. only) with the unit.
- Disconnect the AC adaptor from the power outlet if the unit is not going to be used for a long time.

## When purchasing AC adaptor

Be absolutely sure to purchase the AC adaptor designed especially for this unit.

### AC adaptor: AA-R4515 (for the U.K.) AA-R4516 (for multi voltage area)

For details, check with your dealer.

## Unit

### No altering or remodeling

This can cause malfunctioning.

### No dropping or strong impacts

This may damage the unit.

### Locations to be avoided

Avoid using the unit in the following locations since they can cause malfunctioning.

1. Bathrooms and other moisture-prone places.
2. Warehouses and other dusty places
3. Very hot places near heating appliances, etc.

### Do not leave the unit exposed to direct sunlight for long periods of time

This may deform or discolor the cabinet and may also cause malfunctioning.

## Listening Precautions

- Do not play your headphones 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 is 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.

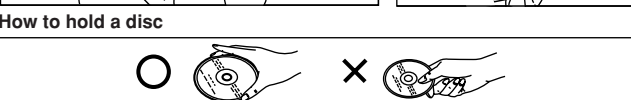
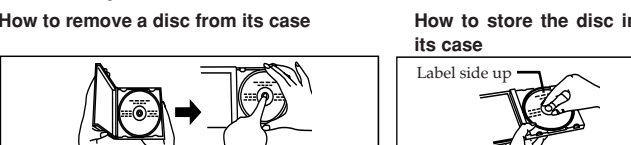
# Concerning Compact Discs

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



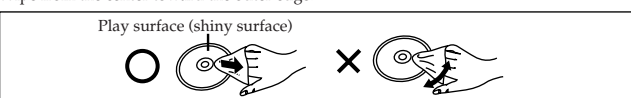
However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the unit.

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.



### 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.

# Precautions

**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.

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

Marking sign is located on bottom of the unit.

DANGER	INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.
ADVARSEL	USYNLIG LASERSTRÅLING VED ÅBNING. NÅR SIKKERHEDSÅBRYDERE ER LØSE AF FUNKTION. UNDGÅ UDSETTELSE FOR STRÅLING.
VARO!	AVATTAESSA JA SUOJALUKUTUS OHTETTAESSA OLET ALLTTINA NÄKYMÄTÖNTÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESIEN.
VARNING	OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRÄKTA EJ STRÅLEN.
ADVARSEL	USYNLIG LASERSTRÅLING NÄR DEKSEL ÅPNES OG SIKKERHEDSÅS BRYTES. UNDGÅ EKSPONERING FOR STRÅLEN.
VORSICHT	UNSICHTBARE LASERSTRÄHLUNG. WENN ABSCHEIDUNG GEÖFFNET UND SICHERHEITSBREMSE LÖSUNG ÜBERBRÜCKT, NICHT DEM STRAHL AUSSETZEN.

(Bottom of product)

(Påsat under apparatet)

(Tuotteen pohjassa)

(Apparatens undersida)

(Produktets undersida)

(Unterseite des Gerätes)

# JVC

## PORTABLE CD PLAYER XL-PG385L/XL-PG395L/XL-PV390SL



## INSTRUCTIONS

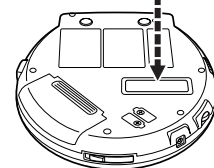
### Supplied Accessories

Check the packing carton for these accessories.

- AC adaptor (AA-R4515) (for the U.K. of XL-PG395L) ..... 1 pc.
- Stereo headphones (for the U.K.) ..... 1 pc.
- Over stereo headphones (for other area) ..... 1 pc.
- Car adaptor (CA-R456 or CA-R457) (XL-PV390SL) ..... 1 pc.
- Car audio cassette adaptor (CA-RC6) (XL-PV390SL) ..... 1 pc.
- Rechargeable Ni-Cd batteries (BN-R1211) (for the U.K. of XL-PG395L) ..... 2 pcs.

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.



Bottom of the unit

### CAUTION:

- Do not block the ventilation opening or holes. (If the ventilation openings of holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

# JVC

VICTOR COMPANY OF JAPAN, LIMITED



0103SKMCREORI

©2003 VICTOR COMPANY OF JAPAN, LIMITED

LVT0978-004A [B, UJ]



# Power Supply Preparations

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

## Using rechargeable batteries (included in XL-PG39SL for the U.K. only)

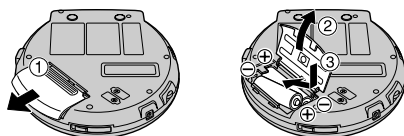
Be sure to recharge the rechargeable batteries BN-R1211 before using them. For information about these, see "When purchasing rechargeable batteries" on page 6.

### Recharging procedure

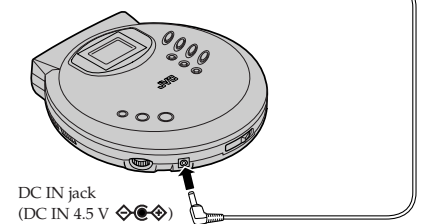
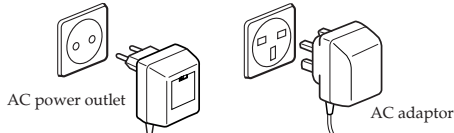
**1 Insert the special rechargeable batteries into the unit.**

#### Caution:

Do not open the battery lid too wide. It can break if you forcibly open it beyond approximately 90°.



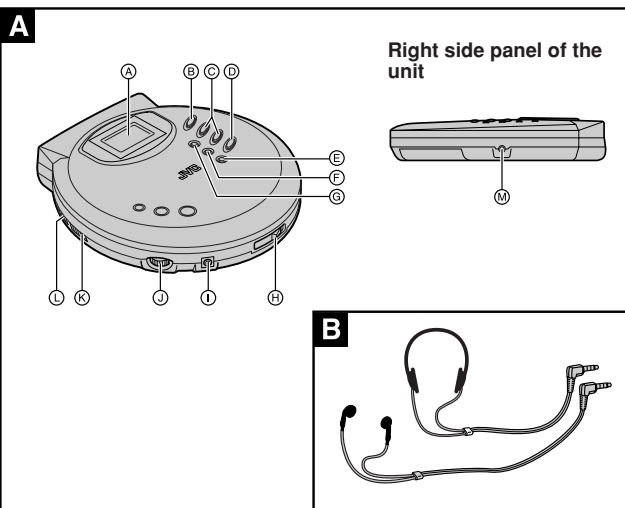
**2 Connect the AC adaptor. (included in XL-PG39SL for the U.K. only)**



\*Recharging will be completed after 10 hours.

**3 When recharging is complete, unplug the AC adaptor from the power outlet and the DC IN jack.**

## Location of Controls



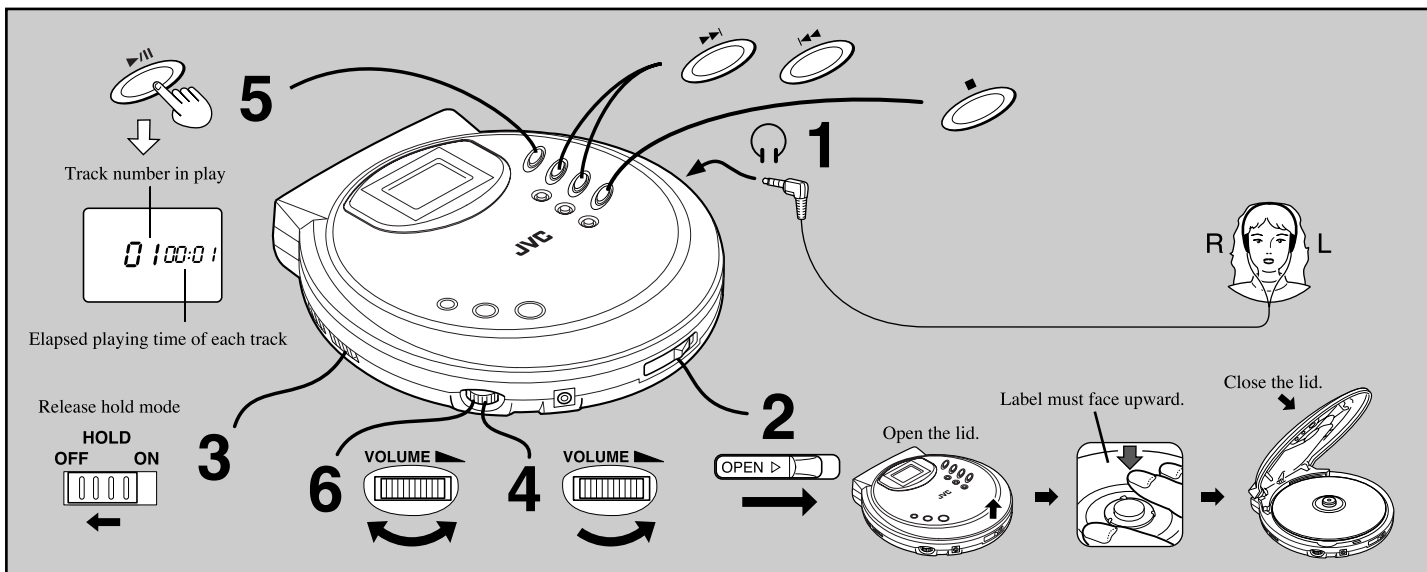
### Portable CD player **A**

- A** Display
- B** Play / pause button (▶/||)
- 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**

- A** Display
- B** Play / pause button (▶/||)
- 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 (🎧)

# 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.

Operation	Button	Display/reference
To pause play	▶/	07:00:18 Press again to resume play.
To stop play Stop mode	■	10:44:48 Total playing time.
To turn off the unit Off mode	■	
Fast forward/reverse	◀◀ (Forward) ▶▶ (Reverse)	<ul style="list-style-type: none"> <li>• To skip back to the previous track, quickly press the ◀◀ button twice.</li> <li>• During program play, the button is used to fast forward or back through the programmed sequence of tracks.</li> <li>• During random play, the skip button cannot be used to skip back to tracks that were played previously in the random sequence.</li> </ul>
	🔍 (Search function)	Keep depressed during play.

### For your reference:

- "d 15c"
- This indication appears for about 30 seconds if the ▶/|| 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 ▶/|| button to play the disc. (Flashes until the rotational speed of disc becomes constant or until the contents of disc is read.)

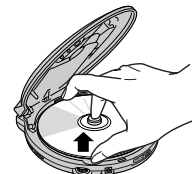
- "OP 30"
- Opened lid. Stays lit for 30 seconds when the lid is opened.

#### 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

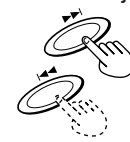
If the unit is left in stop mode for 30 seconds, the unit powers itself off automatically to prevent the batteries from running down.

# 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.

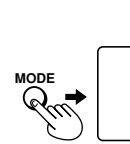
## Random play

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 ▶/|| to start random play.
- During program play ("PROG" appears on the display), random play is not selectable.

### Release

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

### For your reference:

- 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.

# Anti-Shock Protection EX

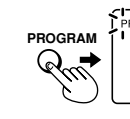
This function has been developed to achieve excellent performance against sound interruption caused by vibrations. You will be able to enjoy listening to music during jogging (not vigorous jogging). This function is achieved by utilizing the high-performance servo circuit and audio data that has been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



## 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.

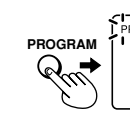
Program sequence number

**2 Select the desired track.**



**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 ▶/|| 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.

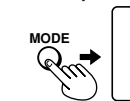
### To delete the entire programmed sequence

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 ▶/||.**



### Cancelling

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

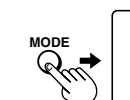
### For your reference:

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 ▶/|| 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 ▶/|| button.

### For your reference:

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

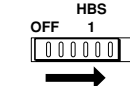
## Hyper-Bass Sound effect

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.

### 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.

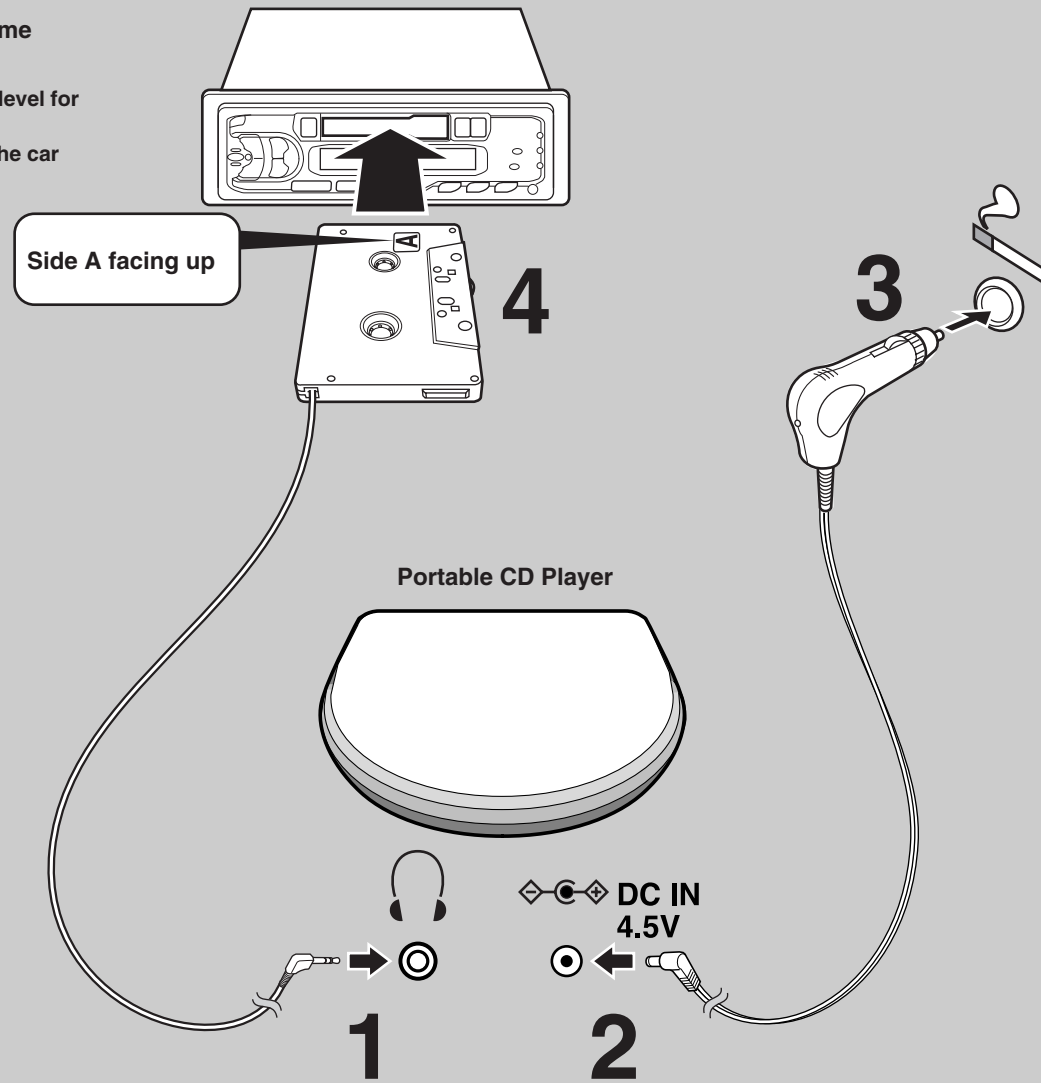
### To activate the Anti-Shock Protection EX again

Press the A.S.P. button again.

## Connections

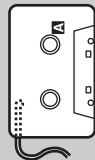
Adjust the volume level:

- middle volume level for the CD player
- as desired for the car audio system

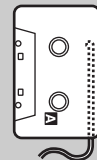


If the position of the cord coming out of the cassette adapter is adjusted using the groove provided on the back of the cassette, it will work with almost all car audio systems:

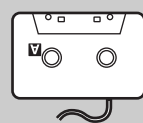
For a car audio system with the head at the right side



For a car audio system with the head at the left side



For a car audio system in which the head is in the center at the rear



# JVC

## CAR KIT

## INSTRUCTIONS

### Accessories Supplied For Installation

- Car audio cassette adaptor (CA-RC6) ..... 1 pc.
- Car adaptor (CA-R456 or CA-R457) ..... 1 pc.

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.

LVT1026-007A [B, UJ]

Before installing this product, please read these instructions completely. Please save this manual.  
Before installing this cassette adaptor in the car, check whether it can be fitted into your car audio unit.  
The cassette adaptor cannot be used with some car audio system.  
The cassette adaptor is shown in the illustrations of the car audio adaptor.

### Concerning the Car Audio System

Position the cassette adaptor with side A facing up and set the play direction for the car audio system to the forward (FWD) direction.  
The head positions of the cassette adaptor and the car audio system do not match in the reverse direction, causing the sound volume from the speakers to be extremely low.

## Car audio system

### ■ When the car audio system has a blank skip function

The blank skip function may operate when the CD player stops. Therefore, be sure to set the blank skip function to off.

#### Note:

Depending on the type of vehicle, static may be heard if the unit is connected via line cord to the car audio system's AUX jack. If this occurs, it is recommended that you use the provided cassette adaptor.

#### When you leave the car

Push the eject button to remove the cassette adaptor.

## Car adaptor

The provided car adaptor must be connected.

- This car adaptor can be used in an automobile which has a 12 V battery. (This is a negative ground car adaptor.)
- Do not connect the adaptor immediately after using the cigarette lighter.
- Leave a little slack in the car adaptor's cord, making sure that it does not run underneath the unit.

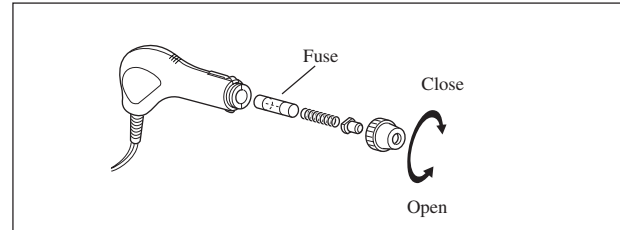
### ■ To replace the fuse

**1 Remove the plug cap by rotating it in the direction shown by the arrow, and take out the old fuse.**

**2 Insert the new fuse (250 V, 1 A type) into the fuse receptacle and reinstall the plug cap.**

#### Note:

For continued protection against risk of fire, replace only with same type 250 V, 1 A fuse.



If the fuse blows frequently, there may be something wrong with the adaptor. Consult your dealer.

## 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	Checkpoint	Remedy
<b>The sound volume is extremely low.</b>	Did you adjust the volume level of the unit?	Adjust the volume level of the unit to middle or higher.
	Did you adjust the volume level of the car audio system?	Adjust the volume level of the car audio system to the desired level.
	Does the car audio system have an auto-reverse function?	Set the play direction for the car audio system to the forward (FWD) direction. [The forward (FWD) direction is the side which produces sound or which has the greatest sound volume.]
<b>The cassette adaptor cannot be inserted into the car audio system.</b>	Did you check the position of the car audio's head?	Check the position of the head in relation to the car audio system to ensure the cassette adaptor is installed correctly.
<b>The unit cannot be turned on.</b>	Is the fuse for the car adaptor blown?	Insert a new fuse.

## Cautions

Please understand that we cannot take responsibility for the unit falling or any other damage that may occur as a result of faulty installation.

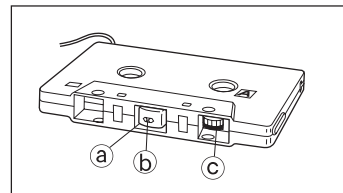
### ■ Car adaptor

- The provided car adaptor is made specifically for use with DC 4.5V JVC portable CD players. Do not use it with other devices.
- Do not use the adaptor for a long period with the batteries left in the unit because this may shorten the life of the batteries.
- Pay attention to the car battery capacity when using this adaptor for a long period.
- Do not expose this adaptor to strong sunlight or very high temperatures.
- Be sure to remove this adaptor from the cigarette lighter socket when not using this adaptor or before leaving the automobile.
- The power source polarities of this unit are  $\diamond \ominus \diamond$ , check the DC IN jack.

### ■ Cassette adaptor

- Bunch the excess cord together or place it so that it will not interfere with operation.
- Do not touch the head or roller.
- A protective film has been placed over the heads to prevent them from being damaged. Do not remove this film.

- Ⓐ Protective film
- Ⓑ Head
- Ⓒ Roller



- After use, remove the cassette adaptor and keep it so that no dust will adhere to the head section.

- After installing the cassette adaptor in the car audio system, do not allow its cord to make contact with the control section.
- The sound quality deteriorates when the head section of the car audio system becomes dirty. It is, therefore, a good idea to clean it periodically.
- Do not leave this adaptor in a vehicle which is exposed to direct sunlight.
- Do not bring any magnetized objects near this adaptor's head position.
- Because of the nature of its construction, the sound of something rotating can be heard in this adaptor. This is normal and not indicative of a malfunction.
- During the winter months when the temperature inside the vehicle falls to an extremely low level, there may be times when the unit cannot be used because the cord is too stiff to allow the adaptor to be installed in its proper position.
- If the pinch rollers or car audio capstan are dirty, it may not longer be possible to install the cassette adaptor in the car audio system. Clean the rollers and capstan using a cotton swab.
- If the rollers are dirty, clean them using a cotton swab.

## Specifications

### ■ Cassette adaptor

Frequency response.....30 Hz-20 000 Hz  
 (This is the rating for the head section of the product.)  
 Dimensions (W × H × D)  
 .....102.4 mm × 12.1 mm × 63.8 mm  
 Mass ..... 38 g  
 Cable length.....Approx. 1 m

### ■ Car adaptor

Input.....DC 12 V  
 Output.....DC 4.5 V (600 mA)  
 Dimensions (W × H × D)  
 .....90 mm × 40 mm × 26 mm  
 Cable length.....More than 1.4 m

**Note:**  
 Specifications are subject to change without notice.  
 Mass and dimensions are approximate.