Concerning Compact Discs

Only compact discs bearing this mark can be used with this unit.
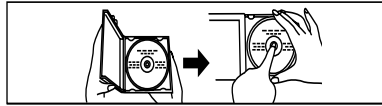
COMPACT
disc
DIGITAL AUDIO

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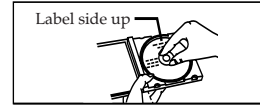CD-R and CD-RW discs recorded with the audio CD format can be played back, though some may not be played back because of the disc characteristics or recording condition.
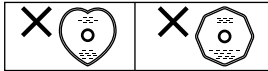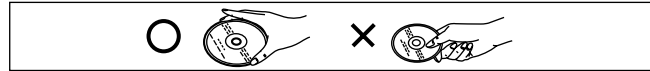

How to remove a disc from its case
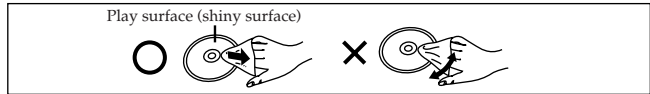

How to store the disc in its case

Label side up

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.

Play surface (shiny surface)

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.

JVC

PORTABLE CD PLAYER XL-PM30SL

COMPACT
disc
DIGITAL AUDIO

MP3
PLAYBACK

INSTRUCTIONS

Supplied Accessories
Check the packing carton for these accessories.

AC adaptor (AA-R4515 for the U.K., AA-R4516 for other area) .... 1 pc.
Stereo backband headphones .... 1 pc.
Remote control .... 1 pc.
External battery case .... 1 pc.
AC plug adaptor (for multi voltage area) .... 1 pc.
Rechargeable batteries (BN-R1211) .... 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.

EN   JVC   0702SKMCREORI   LVT0925-004B [B,UJ]

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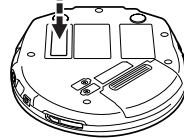
WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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 SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARO!	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTÖNTÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VARNING	OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.
ADVARSEL	USYNLIG LASERSTRÅLING NÄR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.
VORSICHT	UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.

CLASS 1 LASER PRODUCT

1. CLASS 1 LASER PRODUCT
2. **DANGER**: 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.

Bottom of the unit

(Bottom of product)

(Påsat under apparatet)

(Tuotteen pohjassa)

(Apparatens undersida)

(Produktets underside)

(Unterseite des Gerätes)

IMPORTANT for the U.K.
DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.
BE SURE to replace the fuse only with an identical approved type, as originally fitted.
If nontheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.
If this product is not supplied fitted with a mains plug then follow the instructions given below:
IMPORTANT:
DO NOT make any connection to the terminal which is marked with the letter E or by the safety earth symbol or coloured green or green-and-yellow.
The wires in the mains lead on this product are coloured in accordance with the following code:
            Blue :   Neutral
            Brown :   Live
As these colours may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN.

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.

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.
Be absolutely sure to carry the rechargeable batteries in the battery carrying case.

## 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.

Special rechargeable batteries   ⊕ ⊖

Ordinary dry cell batteries/rechargeable batteries   ⊕ ⊖
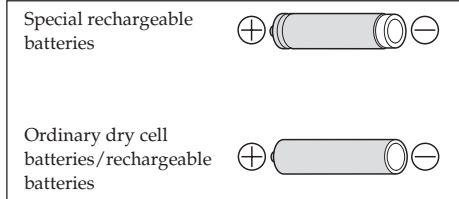
Notice about the rechargeable battery
The battery is designated recyclable.
Please follow your local recycling regulations.

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 with the unit.
- Disconnect the AC adaptor from the power outlet if the unit is not going to be used for a long time.

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.

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)
	LINE OUT (3.5 mm dia. stereo × 1) 0.6 V/50 kΩ
Duration of battery (with Aunti-Shock Protection OFF)	: Approx. 3 hours when using two rechargeable batteries (BN-R1211) charged for 10 hours, Approx. 20 hours when using two alkaline batteries (LR6-Panasonic) Approx. 40 hours when using two alkaline batteries and two external alkaline batteries together.
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)	: 138.5 mm × 31 mm × 145 mm (Excluding buttons and controls)
Mass	: Approx. 255 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.

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

Lens

Air blower for camera lens

Lens
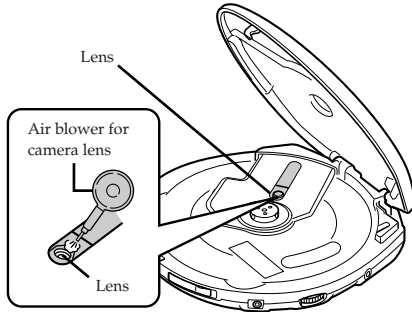
Troubleshooting

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.

| Symptom	Check this
Does not turn on.	• Are the batteries charged? • Is the AC adaptor securely connected? • Is the HOLD switch set to OFF position?
Cannot close lid.	Is the disc properly secured in place?
Cannot play discs.	• Is the disc properly secured in place? • Is there moisture condensation on the lens? (Wait for about an hour and then try again.) • Are MP3/WMA files recorded on the disc? • Do MP3 files have the extension code—.mp3? • Do WMA files have the extension code—.wma? • Are MP3/WMA files recorded in the format compliant with ISO 9660?
Cannot hear music —too noisy.	• Is the headphone correctly connected? • Is the plug dirty? (Wipe away dirt on the plug.) • Are you playing a compatible disc? While playing a non-MP3/WMA file, you will hear a noise. (Note it may not be an MP3/WMA file although it has the extension code—.mp3/.wma.)
TV picture is distorted. Radio reception is noisy.	Are you using the unit too near a TV or tuner? (If the TV or tuner is connected to a simple indoor antenna, connect it to an outdoor antenna.)

Location of Controls

A

Left side panel of the unit

B

C
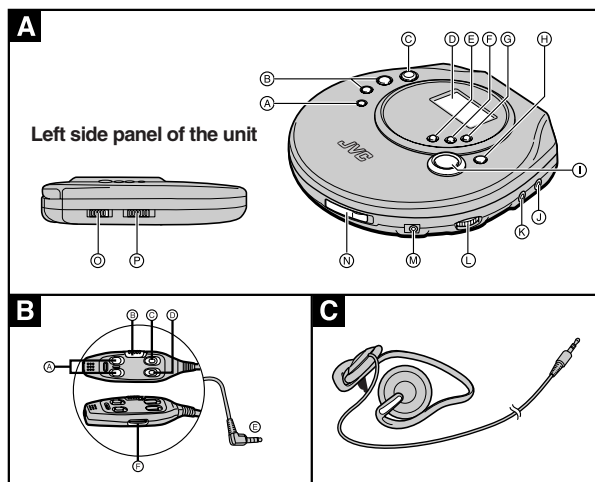
Portable CD player A

Ⓐ **Stop / power off button (■)**
Ⓑ **Skip / search buttons (◄◄, ►►)**
Ⓒ **Play / pause button (►/ΙΙ)**
Ⓓ **Display**
Ⓔ **MODE button**
Ⓕ **A.S.P. (Anti-Shock Protection) / T.SEARCH (Title Search) button**
Ⓖ **PROGRAM button**
Ⓗ **SOUND button**
  In addition to sound effect selection, you can turn on/off HBS(hyperbass sound).
Ⓘ **GROUP button**
Ⓙ **LINE OUT jack**
Ⓚ **Headphones jack (⌒)**
Ⓛ **Headphones volume control (VOLUME ◢◣)**
Ⓜ **DC in jack (DC IN 4.5 V ⊖Ⓒ⊕)**
Ⓝ **Lid open switch (OPEN ►)**
Ⓞ **HOLD switch**
Ⓟ **RESUME switch**

Remote control B

Ⓐ **Skip / search buttons (+, −)**
Ⓑ **HOLD switch (HOLD)**
Ⓒ **Stop / off button (■)**
Ⓓ **Play/pause button (►ΙΙ)**
Ⓔ **Plug**
Ⓕ **Volume control**

Stereo backband C headphones

Display
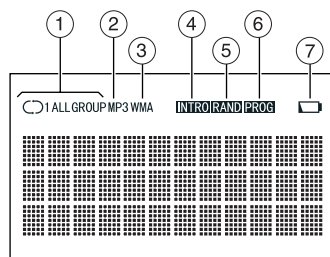
① **Repeat indicator (See page 7)**
② **MP3 indicator**
   Lights when a MP3 disc is used.
③ **WMA indicator**
   Lights when a WMA disc is used.
④ **INTRO indicator (See page 7)**
⑤ **RAND (Random) indicator (See page 7)**
⑥ **PROG (Program) indicator (See page 7)**
⑦ **Battery indicator (See page 4)**

Power Supply Preparations

Refer to the specifications (page 2) for information on operating times when using rechargeable batteries or dry-cell batteries.

Using rechargeable batteries

Be sure to recharge the rechargeable batteries BN-R1211 before using them.
For information about these, see "When purchasing rechargeable batteries" on page 2.
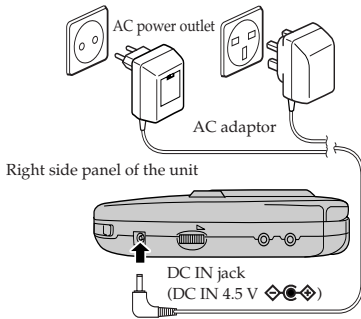
Recharging procedure

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.

AC power outlet

AC adaptor

Right side panel of the unit
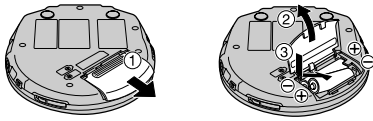
DC IN jack
(DC IN 4.5 V ◇●◇)

Recharging will be completed after 10 hours.

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

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.
- You cannot charge the rechargeable batteries using the external battery case.

If the battery lid compartment comes loose
Slide the lid back into place horizontally.
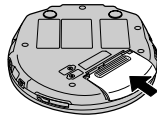
Removing batteries
Push up on the battery in the direction indicated by the arrow. Then lift it out.
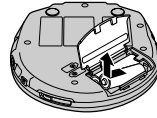
## Using dry-cell batteries (not included)

After disconnecting the AC adaptor, insert two "R6" (LR6) alkaline batteries.
The procedure for inserting and removing dry-cell batteries is identical to that rechargeable batteries.

Using external battery case

Open the battery cover of the external battery case (supplied) and insert two "R6" (LR6) alkaline batteries (not included) into the battery compartment. Then, install the external battery case in the unit by turning the knob of the battery case.

Bottom of the unit

Battery indicator

PLAY
CD 01 02:53
ASP
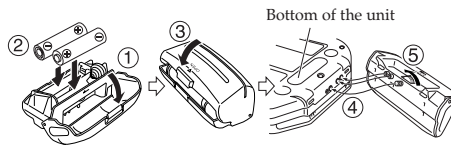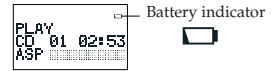
Battery indicator

This indicator lights when the batteries are almost out of power. Power is shut off 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 lights differs depending on the type of batteries used.
- The battery indicator may not light if rechargeable batteries, other than those designated by JVC, are used.

Tip:

Turning off the Anti-Shock Protection (see page 6) will save the battery power more or less. (Available for an Audio CD only)

> If the unit malfunctions or freezes during use, disconnect the AC adaptor and batteries. Then, connect the AC adaptor and batteries, and operate the unit again.

Using the AC adaptor

Connect the AC adaptor supplied.
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 AC power outlet.

AC adaptor (for multi voltage area only)

Before use
Make sure the present voltage of your AC adaptor fits to your local voltage before plugging it into the AC power outlet. If it doesn't, shift the AC line-voltage selector with a screwdriver so that it corresponds to your local voltage.

VOLTAGE ADJUSTOR
AC 110V ~127V
AC 220V ~240V
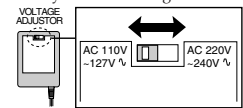
If the power plug will not fit your socket, use the AC plug adaptor (supplied) as shown;
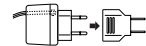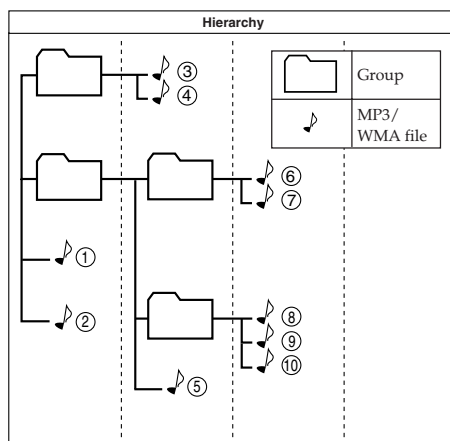
About MP3/WMA files

MP3/WMA File Compatibility

- This player can read MP3/WMA files that are recorded in the format that is compliant with ISO 9660.
- The player can read or play an MP3 file with the extension code —".mp3" and a WMA file with the exrension code — ".wma".
- Group/track title can be displayed.
- ID3* tags can be shown on the display.
- * An MP3/WMA file can contain file information called "ID3 Tag" where its album name, artist, title, etc. are recorded.
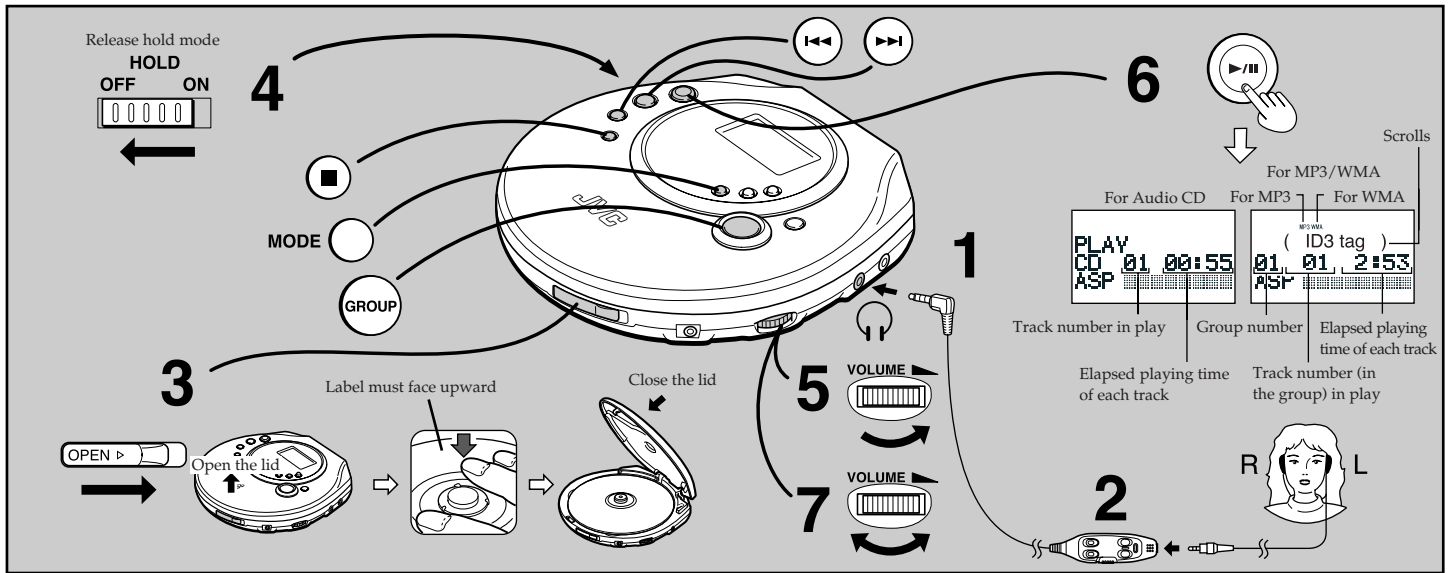
Playing order of MP3/WMA files

The illustration below shows the normal playing order of the MP3/WMA files. You will see that the MP3/WMA files are played back in the order from the higher hierarchy to the lower one.

Hierarchy

Group

MP3/WMA file

Sequential Play Basic Play

This CD player can play back Audio CDs and MP3/WMA files (tracks).

Release hold mode
HOLD
OFF   ON

4
6

MODE

GROUP

3

1

Label must face upward

Close the lid

OPEN ▷

Open the lid

5 VOLUME

7 VOLUME

2

R   L

Scrolls

For MP3/WMA

For Audio CD For MP3 For WMA

PLAY
CD 01 00:55
ASP

ID3 tag
01 01 2:53
ASP

Track number in play

Group number

Elapsed playing time of each track

Elapsed playing time of each track

Track number (in the group) in play

Follow steps 1–7.

In step 1 and 2, firmly connect the plug into the jack.
• Play stops automatically when all the tracks have been played.

Operation	Button	Display/reference	
		Audio-CD	**MP3/WMA**
To pause play	During play, press. Press again to restart play. ►/II	PAUSE CD 01 01:01 ASP Shows "CD"	Shows MP3 for MP3 disc Shows WMA for WMA disc PAUSE 01 001 01:20 ASP
To stop play Stop mode	During play, press. ■	Total playing time STOP CD 18 71:07 ASP Total number of tracks	Total number of tracks STOP 10 125 ASP Total number of groups
To turn off the unit Off mode	In stop mode, press. ■		
Fast forward/ reverse	**Skip function** During play, press. ►►I Forward Reverse I◄◄ **Search function** Keep depressing during play.	• To skip back to the previous track, quickly press I◄◄ 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.	
Group skip (MP3/WMA only)	During play (except Random play) or in stop mode, press. GROUP	Each time the button is pressed, group skips forward. Scrolls (ID3 tag) 02 001 00:02 ASP Group number	
Track skip (MP3/WMA only)	During play (except Random play) or in stop mode, keep depressing. GROUP	Track number quickly changes in forward over the groups. Scrolls (ID3 tag) 02 005 00:01 ASP Group number Track number	
Showing the group title (MP3/WMA only)	During play, keep depressing. MODE	To cancel it, keep MODE depressing again. Scrolls (ID3 tag) 02 005 00:05 ASP Group number (Group title)	

File name and ID3 tag display (MP3/WMA only):

During playback, the file name and ID3 tag scroll on the display as follows:

File name ⇨ ID3 tag (Title ⇨ Artist ⇨ Album) ⇨ ID3 tag (Title ⇨ Artist ⇨ Album) ⇨ .....

• The file name scrolls at first only. Then, the ID3 tag repeatedly scrolls.
• For the ID3 tag, the Title, Artist and Album scroll in that order.

For your reference:

"NO DISC"

This indication appears for about 30 seconds if ►/II 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.

JVC
XL-PM30

READING
CompactDisc
ASP
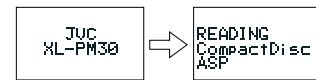
Above messages successively appear before playing the track.
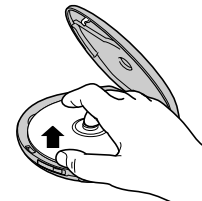
"OPEN"

• Opened lid
Stays lit for 30 seconds when the lid is opened. Then, the unit is automatically shut off.

Note:

Never insert foreign objects into the unit body.

Removing the disc

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 save power.

Anti-Shock Protection

This function minimizes sound interruption caused by vibrations, by utilizing audio data that has been stored in the memory ahead of the following time:

For Audio CD: Up to 45 seconds worth (Anti-Shock Protection on/off selectable)

For MP3: Up to 140 seconds worth at 128 kbps (Anti-Shock Protection is fixed to on.)

Normally, "ASP" and the A.S.P. progress meters are displayed and the Anti-Shock Protection is in effect.

```
PLAY
CD 01 00:02
ASP ▨▨▨▨▨▨▨▨▨▨
```
A.S.P indicator

When the disc is played, as the audio data gradually stored in the memory, the A.S.P. progress meter progresses.

▨   ⇨ ▨▨▨▨▨▨▨▨▨▨ [Fully stored]

To cancel the Anti-Shock Protection (Audio CD only)
Press the A.S.P./T.SEARCH button in stop mode or during playback. "ASP OFF" appears on the display.

To activate the Anti-Shock Protection again (Audio CD only)
To activate the Anti-Shock Protection again, press the A.S.P./T.SEARCH button once more.

Notes:
• The Anti-Shock Protection can be enabled or disabled during play, and this may cause a slight interruption in the sound because the disc's rotational speed changes.
• Turning off the Anti-Shock Protection will save battery life more or less.

Preventing Accidental Operation (HOLD)

Hold mode

Hold mode
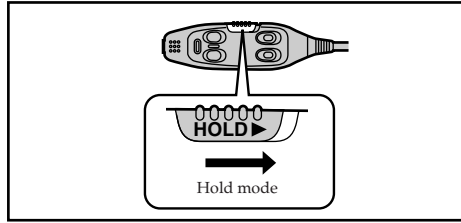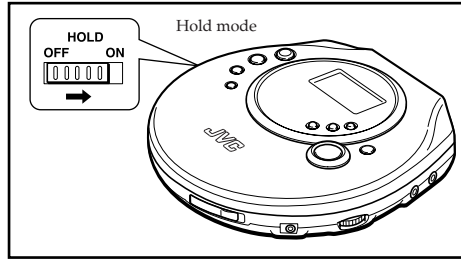
The HOLD switch on the unit/remote control is prepared to prevent an accidental operation by an unexpected button press.

Setting the HOLD switch ON prevents the following:
• Powering on the unit accidentally (which can cause the batteries to go dead).
• Play being cut off unexpectedly.
• Unexpected operation during play. (Set the HOLD switch to the ON position after you start playing disc.)

To set the unit/remote control in HOLD mode
• Set the HOLD switch on the unit/remote control to the ON position. The all buttons on the unit/remote control are disabled.

"HOLD " indication
When the unit is in HOLD mode, "HOLD" will be displayed if a button on the unit is pressed.

To release the HOLD mode
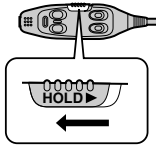Set the HOLD switch to OFF position.

Notes:
• Before turning on the unit, be sure that HOLD is OFF. Otherwise, you cannot turn on the unit.
• The HOLD switch on the unit is effective for the unit only. While, that on the remote control is effective for the remote control only.

Using the Remote Control

Preparation:
Release the remote control from the hold mode.

How to use the remote control

To start play	Press once during off or stop mode.
To stop play	Press once during play.
To turn off the unit	Press during stop mode.
Fast forward/reverse	**Skip function** Press during play. Forward / Reverse **Search function** Keep depressed during play.
To adjust the volume	When adjusting the volume using the remote control, set the volume control on the unit to an appropriate position.

Using with an audio system

You can use an audio system by connecting it to the unit with a stereo connection cable (not included).

• Connect the cable to the amplifier after turning off its power.
• Do not connect the cable to the PHONO jacks on the amplifier.
• Obtain the optional connecting cable if the amplifier comes with mini-phone jacks.
• Adjust the volume level on the amplifier.

Right side panel of the unit
LINE OUT jack
Stereo connection cable (not included)
Amplifier
(White) L
CD/AUX
(Red) R
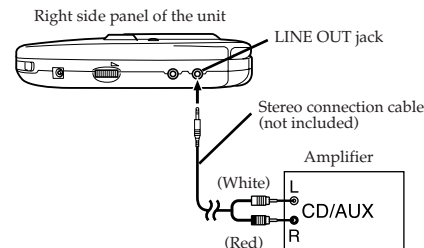
Note:
• To obtain original sound, turn HBS to OFF. Also, set the sound effect to "FLAT". (See page 7)

Other Play Methods

Descriptions are common to Audio CDs and MP3/WMA files unless otherwise noted.

Random play

You can play all tracks in a random order. After playing all tracks, the unit stops. Though the display for the Audio-CD and MP3/WMA differs a little, operation is the same.

1 Play the disc.

2 Press MODE until "RAND" flashes.

Cancelling
Press MODE until "RAND" goes out, or press ■ to stop the disc.

For your reference:
• You can also select random play in stop mode.
• During program play ("PROG" appears on the display). random play is not selectable.

Repeat play

You can repeatedly play one track or one group (for MP3/WMA), or all tracks.

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

1 track repeat

1 group repeat (MP3/WMA only)

All tracks repeat
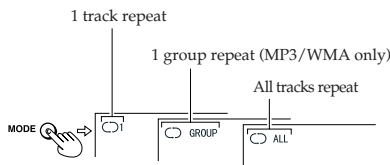
2

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 (except 1 group repeat).

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 In stop mode, press MODE until "INTRO" flashes.

2 Press ►/Ⅱ.
Intro play will start from the first track.

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

For your reference:
• You can also use intro play during playback. In this case, intro play after the current track has been played back.
• You can also use intro play for program play.
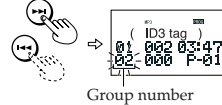
Program play

You can program up to 64 tracks in any desired order including the same tracks.
For Audio CD, go to step **3**. Though the display differs a little, operation is the same.

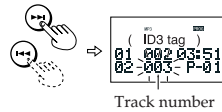**1 (MP3/WMA only) During playback or in stop mode, press PROGRAM.**

"PROG" lights up

Program sequence number
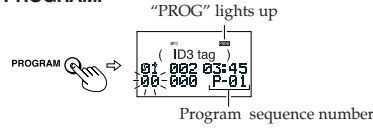
2 (MP3/WMA only) Select the desired group number. (e.g. 02)

Group number

3 Press PROGRAM.

4 Select the desired track. (e.g. 03)

Track number

5 Press PROGRAM

**6 For MP3/WMA, repeat steps 2-5 to select other tracks.
For Audio-CD, repeat steps 4 and 5.**

7 Press ►/ⅡΙ.

• 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 64, track number "00 000" appears for the youngest programmable sequence number, enabling further programming.

• To delete the entire programmed sequence
Set RESUME to "OFF", then in stop mode, press ■. Turning off the unit deletes the program.

RESUME

This function allows you to listen from the beginning of the track that was lastly stopped.
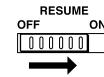
To enable this function, set RESUME to "ON".
Press ►/ⅡΙ to resume playback.
• The setting (e.g. sound effect, etc.) are also resumed.
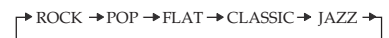To cancel this function, set RESUME to "OFF".

Sound effect

You can enjoy various sound effects.
Press SOUND

Each time you press the button, the sound effect changes as follows:
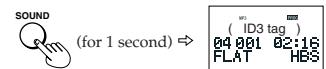
ROCK → POP → FLAT → CLASSIC → JAZZ →

Hyper-Bass Sound effect

You can enjoy powerful bass sound.

To get the hyper-bass sound effect
Keep depressing SOUND. "HBS" will be displayed.

(for 1 second) ⇒

To cancel the HBS effect
Keep depressing SOUND again. The display "HBS" will go out.

Title search (MP3/WMA only)

File search (Alphabet search)

You can search a track title you want by specifying up to first five characters. For example, to search the track title "CHAMPION", you can specify "C", "CH", etc. In the following example, "CH" are specified.
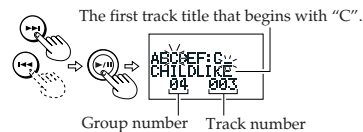
• Note that search is made for the track title (file name) and not for the ID3 tag.

1 **In stop mode or during playback, press A.S.P./ T.SEARCH.**

"A" flashes.

A.S.P./T.SEARCH ⇒ ABCDEF:
File search
00 000
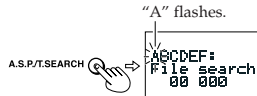
2 **Enter the characters "CH", for example.**
1) Press ►►I or I◄◄ repeatedly to select "C". ("C" flashes.)
2) Press ►/II to enter "C".

The first track title that begins with "C".

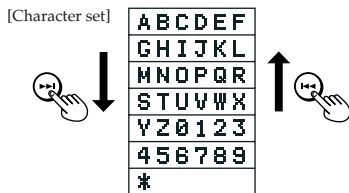⇒ ABCDEF:C
CHILDLIKE
04 003

Group number   Track number

• If no track title begins with "C", "NO File" is displayed. In this case, press ■ to cancel the character.
• When you specify only the first letter of the track title, skip the following step 3), 4), 5) and proceed to **3**.

3) Keep depressing ►►I until "GHIJKL:" is displayed for entering the next character "H".

⇒ GHIJKL:C
CHILDLIKE
04 003

Each time ►►I or I◄◄ is kept depressing, the character set cyclically changes as follows:

[Character set]

ABCDEF
GHIJKL
MNOPQR
STUVWX
YZ0123
456789
✱

4) Press ►►I or I◄◄ to select "H".
5) Press ►/II to enter "H".

⇒ GHIJKL:CH
CHILDLIKE
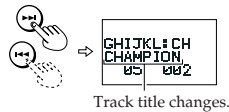04 003

The first track title that begins with "CH".

• If no track title begins with "CH", "NO File" is displayed. In this case, press ■ to cancel the character.

3 **Select the track title you want.**
1) Press MODE.

MODE ⇒ GHIJKL:CH
CHILDLIKE
04 003

2) Press ►►I or I◄◄ to select the track title you want.

⇒ GHIJKL:CH
CHAMPION
05 002

Track title changes.

• By pressing SOUND, you can scroll the track title. To cancel scrolling, press SOUND again.
• If there is only one track that begins with "CH", the track title does not change.

4 **Press ►/II.**
The selected track starts playback.

Notes:
• To exit the File search (Alphabet search) mode, press ■ or A.S.P./ T.SEARCH repeatedly at any time to return to the normal display.
• When playback starts, the File search (Alphabet search) mode is automatically released.
• If you leave the unit for more than 30seconds during operation, the File search mode will be cancelled and the display returns to the normal one.
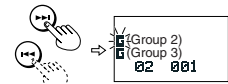
Group search

You can search a group you want to play.
Search is made for the group title (folder name) and not for the ID3 tag.

**1** **In stop mode or during playback, press A.S.P./ T.SEARCH two times.**

"G" flashes.

A.S.P./T.SEARCH ⇒ G(Group 1)
G(Group 2)
01 001
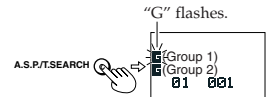
2 **Press ►►I or I◄◄ repeatedly until the group you want is displayed on the first line.**

⇒ G(Group 2)
G(Group 3)
02 001

• When you want to play from the first track of the group, skip the following **3** and **4**, and proceed to **5**.

3 **To specify a track in the group, keep depressing ►►I or I◄◄ until the letter "T (Track)" is displayed.**

"T" flashes.

⇒ T(Track 1)
T(Track 2)
02 001
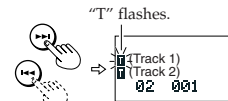
• By pressing SOUND, you can scroll the group title and track title. To cancel scrolling, press SOUND again.

4 **Press ►►I or I◄◄ until the track title you want is displayed on the first line.**

5 **Press ►/II.**
Playback starts from the selected track of the selected group. When playback starts, the Group Search mode is automatically released.

Note:
• To exit the Group Search mode, press ■ or A.S.P./T.SEARCH at any time to return to the normal display.
• When you skip the above steps **3** and **4**, playback starts from the first track of the group you selected in step **2**.
• If you leave the unit for more than 30 seconds during operation, the group search mode will be cancelled and the display returns to the normal one.