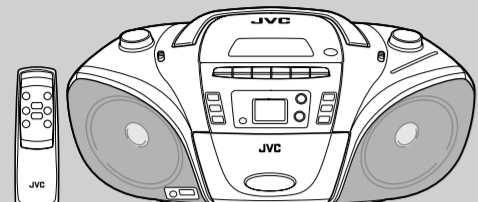# JVC

CD PORTABLE SYSTEM

RC-EZ57
RC-EZ57B

English

COMPACT DISC DIGITAL AUDIO

MP3 PLAYBACK

Thank you for purchasing a JVC product.
Before operation, please read the instructions carefully.

INSTRUCTIONS

LVT2063-001C
[US/UX/UW]

EN
©2009 Victor Company of Japan, Limited

Warnings, Cautions and Others

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

CAUTION
The TAPE/⏻ OFF switch in any position does not disconnect the mains line.
Disconnect the mains plug to shut the power off completely.
The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

To disconnect power from the mains, pull out the mains plug. When installing the product, ensure that the plug is easily accessible.

CAUTION
- Do not block the ventilation openings or holes. (If the ventilation openings or 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.

CAUTION:
Excessive sound pressure from earphones or headphones can cause hearing loss.

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover or cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
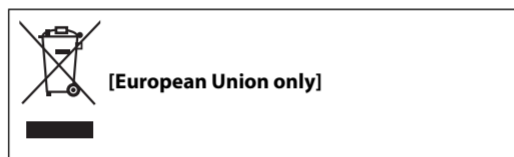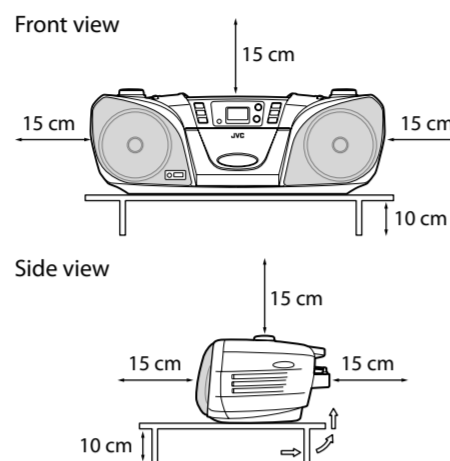4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION:
Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Caution: Proper Ventilation
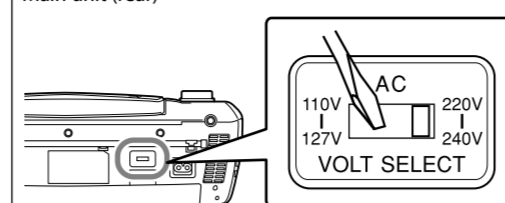To avoid risk of electric shock and fire, and to prevent damage to the apparatus, locate the apparatus as follows:
1 Front:
No obstructions and open spacing.
2 Sides/ Top/ Back:
No obstructions should be placed in the areas shown by the dimensions below.
3 Bottom:
Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Front view
15 cm
15 cm   15 cm
10 cm

Side view
15 cm
15 cm   15 cm
10 cm

Mains (AC) Line Instruction
Main unit (rear)

110V 127V   AC   220V 240V
VOLT SELECT

CAUTION for mains (AC) line
BEFORE PLUGGING IN, do check that your mains (AC) line voltage corresponds with the position of the voltage selector switch provided on the outside of this equipment and, if different, reset the voltage selector switch, to prevent from a damage or risk of fire/electric shock.

Setting the voltage selector
Before plugging in, select the voltage range for your area with the voltage selector by using a screwdriver or a similar tool.

[European Union only]

Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

SPECIFICATIONS

CD player
CD capacity:	1CD
Signal-to-noise ratio:	60 dB
Dynamic range:	60 dB

Tuner
FM tuning range:	88 MHz – 108 MHz
SW tuning range:	6 MHz – 18 MHz
MW tuning range:	530 kHz – 1 600 kHz
Antennas:	Telescopic antenna for FM/SW
	Ferrite core antenna for MW

Cassette deck
Frequency response:	100 Hz – 8 000 Hz
Wow & flutter:	0.35% (WRMS)
Fast wind time:	Approx. 170 sec. (C-60 cassette)

General
Speakers:	10 cm cone x 2
Speaker impedance:	4 Ω
Output power:	2 W + 2W, 10% THD, 4 Ω
Input terminal:	USB:
	Playable files: MP3, WMA
	Compatible device: Mass storage class
	Bus power supply: DC5V ⎓ 500 mA
	AUDIO IN:
	stereo mini (φ3.5mm)
	500mV/47kΩ
Output terminal:	PHONES (φ3.5) x 1
Power supply:	AC 110 V – 127 V/220 V – 240 V ∼ adjustable with the voltage selector, 50 Hz/60 Hz
	DC 12 V (R20 (SUM-1)/D (13D)-size batteries x 8)
Power consumption:	18 W (at operation)
	1 W or less (on standby)
Dimensions:	407 mm x 147 mm x 254 mm (W/H/D)
Mass:	Approx. 2.7 kg (without batteries)
Accessories provided:	Power cord x 1
	Remote control x 1
	R03 (UM-4)/AAA (24F)-size batteries x 2
	AC plug adaptor x 1 (not supplied for Saudi Arabia)

Design and specifications are subject to change without notice.

PREPARATION

Connecting the power cord

Power cord (supplied)

AC outlet
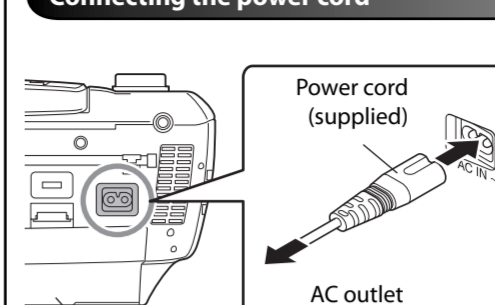
Battery compartment

NOTE
- The power can also be supplied through the batteries (see below).
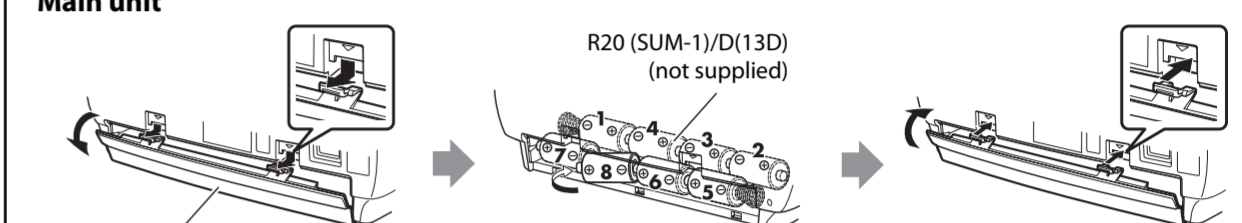- A small amount of power is always consumed even while on standby.

CAUTION
- Only use JVC power cord provided for this unit to avoid malfunction or damage to the unit. Remove batteries when using the power cord.
- Be sure to unplug the power cord from the outlet when going out or when the unit is not in use for an extended period of time.

Inserting batteries

Match the polarities (+ and –) of the batteries.

Main unit

Battery compartment

R20 (SUM-1)/D(13D) (not supplied)

Remote control

R03 (UM-4)/AAA (24F) (supplied)

- If the range or effectiveness of the remote control decreases, replace both batteries.

NOTE
- The power will not be supplied through the batteries when the power is supplied through the AC IN ∼ jack on the unit.
- The battery is consumed more quickly than usual when operating the unit continuously or operating it in a cold place.

CAUTION
To avoid battery leakage or explosion, handle batteries properly.
- If you are not going to use this unit for a month or more, remove the batteries from the battery compartment.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Do not mix with batteries of different types or with new and old ones.
- Do not attempt to charge any batteries other than rechargeable ones.
- Discard leaky batteries immediately. Battery leakage can cause skin burns or other personal injuries.
- If chemicals leak onto the unit, clean the unit completely.

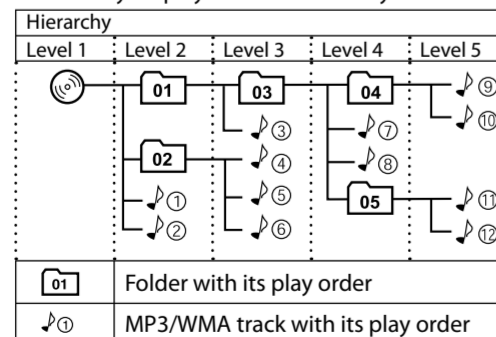# ABOUT DISC/FILE/CASSETTE TAPE

Playable discs/files

Discs	CDs with one of the marks below on the surface.
	COMPACT DISC DIGITAL AUDIO / COMPACT DISC DIGITAL AUDIO Recordable / COMPACT DISC DIGITAL AUDIO ReWritable
Files	Files in audio CD format, MP3 and WMA files on a finalized CD-R or CD-RW. MP3 and WMA files in a USB device can also be played.

Notes on discs/files

For MP3/WMA playback...
- MP3/WMA discs require a longer readout time than regular CDs. (It depends on the complexity of the folder/file configuration.)
- Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
- When making MP3/WMA discs, use ISO 9660 Level 1 for the disc format.
- This unit can play back MP3/WMA files with the extension code <.mp3>or <.wma> (regardless of the letter case upper/lower).
- It is recommended to make the files at the following condition:
  MP3/WMA files
  　MP3: 128kbps
  　WMA: 96kbps
  Sampling frequency
  　MP3/WMA files: 44.1 kHz
- Playback order of MP3/WMA files may be different from the one you have intended while recording. If a folder does not include MP3/WMA files, they are ignored.

- This unit cannot play "packet write" discs.
- If a CD-RW has been recorded in a different format, erase all data on the CD-RW completely before recording on it.
- This unit can recognize up to 511 tracks and 255 folders (groups) in a disc and 999 tracks and 255 folders in a USB device. Those exceeding the maximum number cannot be recognized.
- The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time to read.
- In this manual, "file" and "track" are interchangeably used for MP3/WMA operations.

MP3/WMA folders/tracks configuration

This unit plays back MP3/WMA tracks as follows. The play order in the figure is for MP3/WMA tracks on the disc.
MP3/WMA tracks on USB mass storage class device may be played back differently.

Hierarchy

Level 1	Level 2	Level 3	Level 4	Level 5

01	Folder with its play order
♪①	MP3/WMA track with its play order

Important for USB device

- Always set volume to "VOLUME MIN" when connecting or disconnecting the USB mass storage class device.
- Connect one USB mass storage class device to the unit at a time. Do not use a USB hub.
- This unit cannot recognize a USB mass storage class device whose rating exceeds 5V/500 mA.
- When connecting with a USB cable, use the USB 2.0 cable less than 1 m in length.
- You cannot connect a computer to the USB MEMORY terminal of the unit.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- USB Memory and DAPs compatible with the USB mass storage class specifications are connectable.
- Some DAPs are not compatible with the unit.
- Copyrighted tracks (WMA-DRM* tracks) cannot be played back on the unit.
- Coded or encrypted tracks in a special method cannot be played on the unit.
- You cannot send any data to your USB mass storage class device from this system.
- You cannot charge the USB mass storage class device while connecting it to the USB MEMORY terminal.
- While playing back a file in a USB mass storage class device, do not disconnect the device. It may cause a malfunction of both the system and the device.
- When connecting a USB mass storage class device, refer also to its manual.
- You can play back MP3/WMA files on a USB mass storage class device (maximum data transfer rate: 2 Mbps).
  This unit may not play back some files even through their formats are listed above.
- This unit is compatible with USB 2.0 Full Speed.

- You cannot play back a file larger than 2 Gigabytes.
- When playing a file of a large transfer rate, sounds may be dropped during playback.
- Some USB mass storage class devices may not be recognized or may not work properly.
- JVC bears no responsibility for any loss of data in the USB mass storage class device while using this unit.
* DRM (Digital Rights Management): Any of several technical methods used to control or restrict the use of digital media content on electronic devices with such technologies installed.

Notes on cassette tapes

- Type-I tape is recommended for playback on this unit. You can also play back type II and type IV tapes; however, the sound quality (tone) may not be reproduced properly.
- The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam the pinch roller and the capstan.
- To prevent recordings from being erased accidentally, remove the tab(s) with a screwdriver. If you want to re-record on a tape or erase the content of it after its tabs have been broken off, reseal the slots with adhesive tape.

---

REFERENCES

Care and maintenance

To get the best performance from the unit, keep your discs, tapes and mechanism clean.

Cleaning the unit
- Disconnect the power cord before cleaning.
- Wipe off stains with a soft cloth. If the unit is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the unit may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
  – DO NOT wipe it with a hard cloth.
  – DO NOT wipe it forcefully.
  – DO NOT wipe it with thinner or benzine.
  – DO NOT apply any volatile substances such as insecticides to it.
  – DO NOT allow any rubber or plastic to remain in contact for a long time.

Cleaning the CD pickup lens
Keep the CD pickup lens clean, or the sound may be degraded. Use a blower (available at a camera store, etc.) to blow dust off the lens.

Blower
Lens
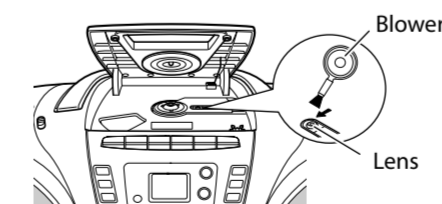
Cleaning the heads, capstan and pinch roller
Clean the heads, capstan and pinch roller every 10 hours of use; otherwise, the following may occur:
- Sound quality is degraded.
- The sound output level decreases.
- The previous recording is not completely erased.
- The sound is not recorded well.
Open the cassette holder and clean the heads, capstan and pinch roller with a cleaning kit (available at an audio store). Do not use thinner or benzine for cleaning.

After cleaning, make sure that the cleaning fluid has dried completely before loading a cassette.

Pinch roller   Head (recording/playback)
Erasure head
Capstan
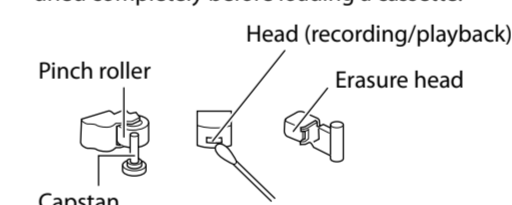
CAUTION
If the head is magnetized, noise will increase and the sound quality will be degraded. To avoid this, demagnetize the recording/playback head every 20 to 30 hours of use with a head demagnetizer (available at an audio store). Turn off the unit before demagnetizing the head.
- **Do not demagnetize the erasure head as it is of magnetic type.**

Handling discs
- Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not scratch or touch the reflective recorded surface.
- Do not stick or write anything on the label side.
- Do not bend discs.
- Avoid exposure to direct sunlight, extreme temperature or moisture.
- When cleaning the disc, wipe it with a soft cloth in a straight line from center to edge. DO NOT use thinner, benzine, record cleaner or antistatic spray.

Handling cassette tapes
- Take up the slack of tape by inserting a pencil into one of the reels and rotating. If the tape is played without taking up the slack, it may get stretched, cut or caught in the cassette.
- Be careful not to touch the tape surface.
- Avoid storing tapes in the following places:
  – In dusty places
  – In direct sunlight or heat
  – In moist areas
  – On a TV or a speaker
  – Near a magnet

Troubleshooting

If you are having a problem with this unit, check this list for a possible solution before calling for service.

General

Power does not come on.
➡ No power is supplied. Check the power cord connection or battery power.

Playback sound is at a very low level.
➡ When power is supplied with batteries: Batteries are run down. Replace the batteries with new ones.
➡ The head is dirty. Clean the head.

Unable to operate the unit from the remote control.
➡ The path between the remote control and the remote sensor on the unit is blocked.
➡ Batteries in the remote control are run down. Replace the batteries with new ones.

No sound is heard.
➡ The volume is set to minimum.
➡ Headphones are connected. Disconnect the headphones.

Radio Operations

Hard to listen to broadcasts because of noise.
➡ The position of the antenna is inappropriate. Adjust the antenna correctly.

External device operations

The sound from the external device cannot be heard.
➡ The FUNCTION selector is not set to AUDIO IN.
➡ Check the connection.
➡ Turn the volume of the external device up.

Disc Operations

The disc does not play.
➡ The FUNCTION selector is not set to CD/USB.
➡ The disc is placed upside down. Place the disc with the label side facing up.
➡ The disc or the lens is dirty. Clean the disc or the lens.
➡ There is moisture condensation. Turn the unit on and wait a few hours before use.

Tape Operations

No sound is heard.
➡ The FUNCTION selector is not set to TAPE/⏻ OFF.

Though you press ◄ PLAY, tape does not move.
➡ ⏸ PAUSE is pressed. Press ⏸ PAUSE again.

● REC does not function.
➡ The safety tabs of the cassette tape have been broken off. Reseal the slots with adhesive tape.
➡ No cassette tape is loaded. Load a cassette tape.

The tape speed is irregular.
➡ The pinch roller or capstan is dirty. Clean the pinch roller or the capstan.
➡ Batteries in the main unit are run down. Replace the batteries with new ones or supply the power through the AC IN ∼ jack.

USB Operations

Noise is generated.
➡ It is recommended to make the files according to the proper conditions.
➡ The tracks are not properly copied into the USB device. Copy tracks again, and try again.

0410YOMMDWMTS

GENERAL CONTROLS

Selecting the source to play

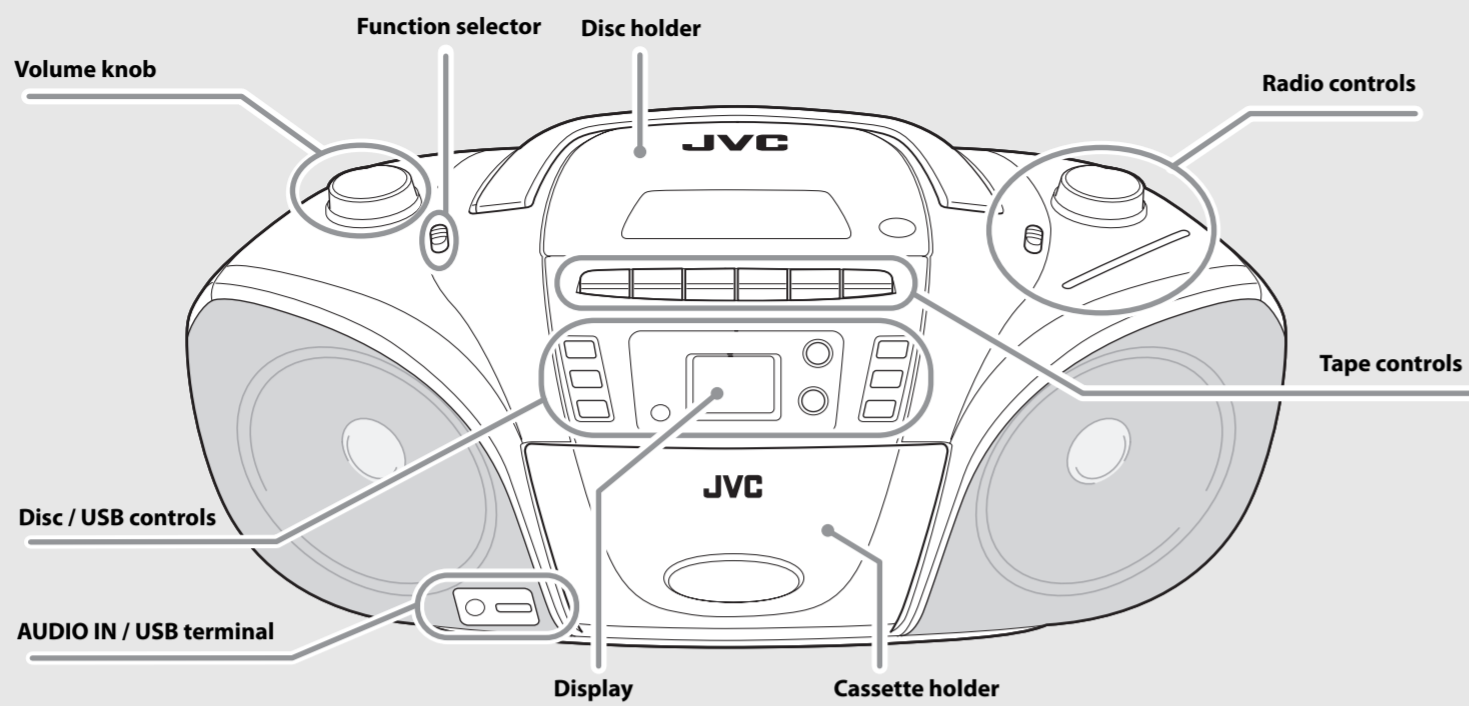Slide the FUNCTION selector to select CD/USB, TAPE/⏻ OFF, TUNER or AUDIO IN.
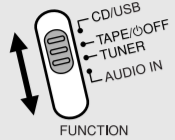
CD/USB:
To play back a disc or USB device. (See "DISC/USB OPERATIONS" for operation.)

TAPE/⏻ OFF:
To play back a cassette tape. (See "TAPE OPERATIONS" for operation.)
• Once you start playing a tape, the power turns on.

TUNER:
To listen to the radio broadcast. (See "TUNER OPERATIONS" for operation.)

AUDIO IN:
To playback an external device, such as a DAP (Digital Audio Player).

stereo mini plug (φ3.5 mm)

Play back a device after you have connected it. If the AUDIO IN sound is too quiet, turn that volume up.
• Refer to the instructions supplied with the device.

Volume knob
Function selector
Disc holder
Radio controls
Tape controls
Disc / USB controls
AUDIO IN / USB terminal
Display
Cassette holder

Adjusting the volume

Turn the VOLUME knob to increase or decrease the volume.
• Set the volume to minimum when you turn the unit on or start playing a tape.

Decrease / Increase

MIN / MAX
VOLUME
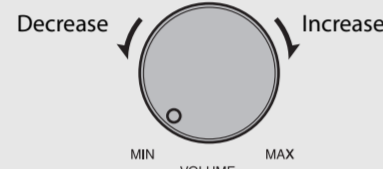
Turning the unit off

Slide the FUNCTION selector to TAPE/⏻ OFF.
• You can play a tape even while the selector is set to TAPE/⏻ OFF.

FUNCTION
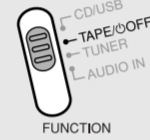
Listening with the headphones

Connect the headphones with the stereo mini plug (φ3.5 mm) to the PHONES jack on the rear.

stereo mini plug (φ3.5 mm)
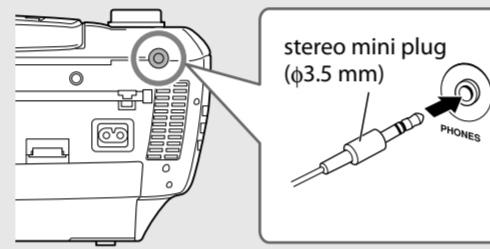
• While the headphones are connected, no sound comes out from the speakers.
• Before connecting the headphones, make sure to turn down the volume.

TAPE OPERATIONS
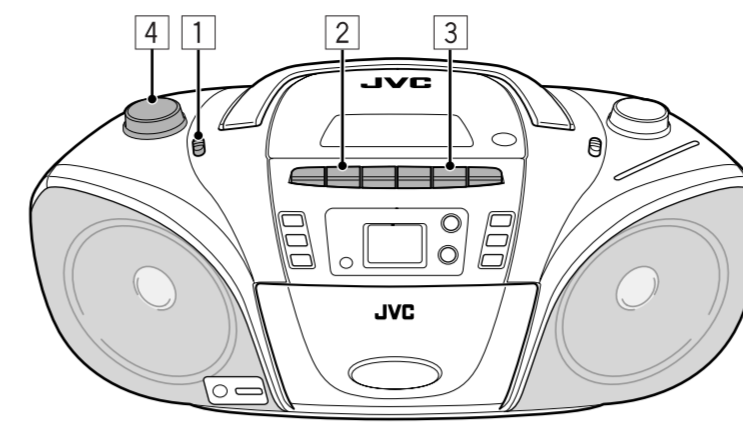
Playback procedure

1. **Set the source to TAPE/⏻ OFF.**

FUNCTION
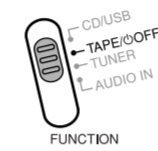
2. **Open the cassette holder, then load a cassette.**

Tape running direction

STOP/EJECT ■/▲
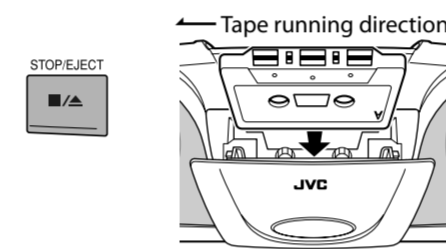
3. **Close the cassette holder gently and start playback.**

PLAY ◄◄

4. **Adjust the volume.**

To stop playback

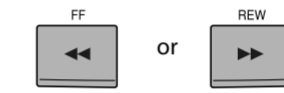STOP/EJECT ■/▲

• The tape also stops when it reaches its end.

To pause playback

PAUSE II
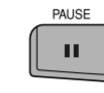
• To resume, press II PAUSE again.

To fast-forward/rewind a tape

FF ◄◄ or REW ►►

• When the tape reaches its end, press ■/▲ STOP/EJECT to release ◄◄ FF or ►► REW.

Recording on a tape

1. **Prepare the recording source.**
   • For the radio recording:
     Set the source to TUNER and tune in to a desired station.
   • For the disc or USB device recording:
     - Set the source to CD/USB and load a disc or connect a USB device.
     - Select a track or program the playback order if necessary. (See "Program playback.")
   • For AUDIO IN recording:
     - Set the source to AUDIO IN and turn on an external device.

2. **Load a blank or erasable cassette.**
   Use only a type-I (normal) tape.

3. **Start recording.**

REC ●
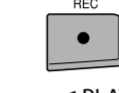
• ◄◄ PLAY is also pushed down together with the ● REC button.
• When recording from the disc/USB device, playback of the disc/USB device starts at the same time—Synchronized recording.

To stop recording
Press ■/▲ STOP/EJECT.

Recording also stops when the tape reaches its end.
• For disc, USB device or AUDIO IN recording:
  – If the tape reaches its end first, the playback of the disc/USB device pauses automatically. However, the playback of an external device continues.
  – If the playback of the disc, USB device or external device stops first, recording continues. In this case, press ■/▲ STOP/EJECT to stop recording.

To use the beat-cut function
When recording an MW broadcast, beats may occur. In this case, slide the BEAT CUT switch on the rear to select the beat-cut setting, 1 or 2.

FM ST / MONO
BEAT CUT
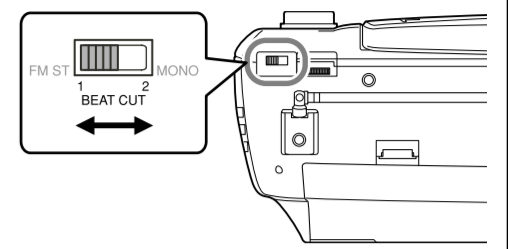
NOTES
• It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
• You can adjust the volume level while recording. The proper recording level is set automatically and it is not affected by the volume level.
• If a TV is turned on and it is too close to the unit while recording, the recorded sound may have excessive noise. While recording, turn the TV off or keep the distance between the TV and the unit.
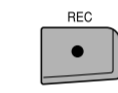
Erasing a tape

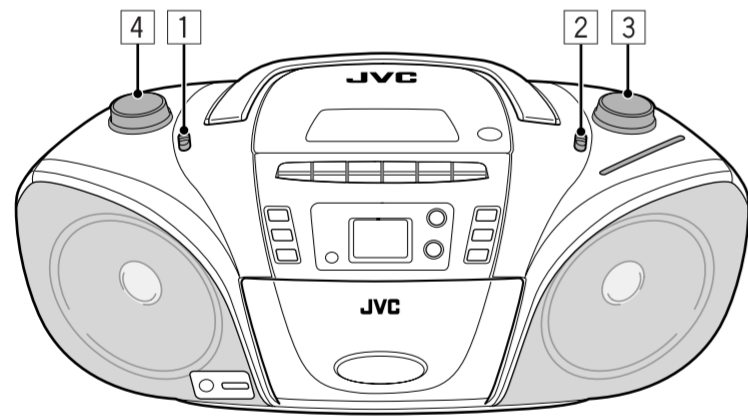Previous recording is overwritten when a new recording is made.

To erase a tape without making a new recording

1. **Set the source to TAPE/⏻ OFF.**

2. **Start erasing.**

REC ●

TUNER OPERATIONS

Basic procedure

1. **Set the source to TUNER.**

FUNCTION

2. **Select the band—FM/SW/MW.**

FM / SW / MW
BAND

3. **Select a station.**

TUNING

Moves to indicate the current frequency

• In SW reception, you can finely tune in a desired station by turning the FINE TUNING knob.
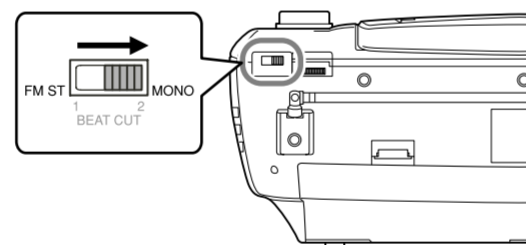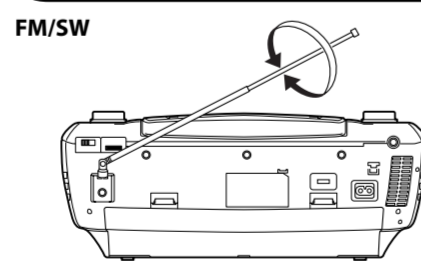
FINE TUNING

4. **Adjust the volume.**

Improving the FM reception

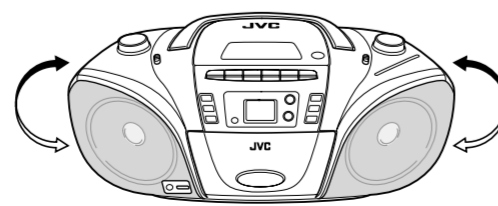When an FM stereo (FM ST) broadcast is hard to receive or noisy, select the monaural reception (MONO).

FM ST / MONO
BEAT CUT

• To restore stereo reception, switch to FM ST.

Adjusting the antenna

FM/SW

MW
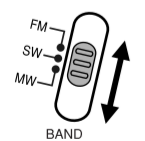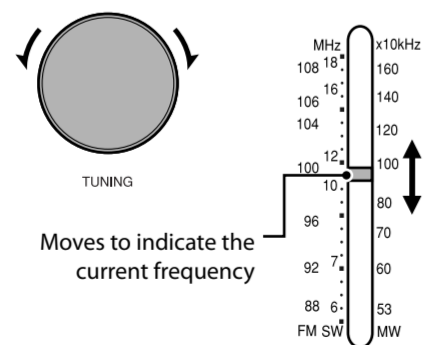The MW antenna is built in, so adjusting the position of the unit may help MW reception.
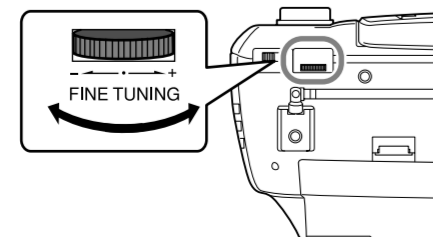
DISC/USB OPERATIONS

Main unit
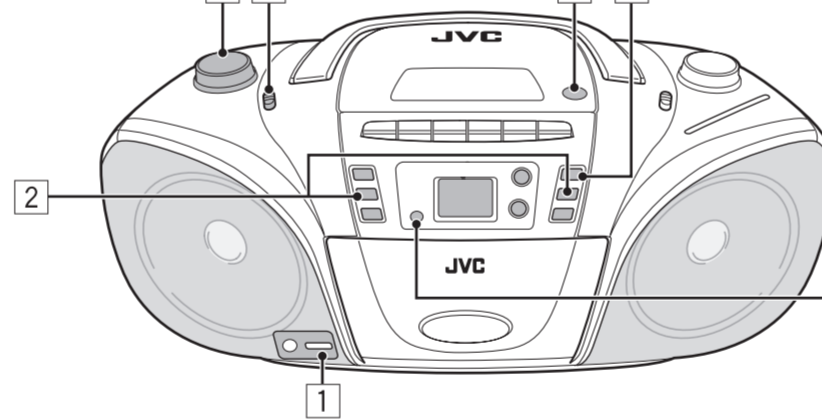
Remote control
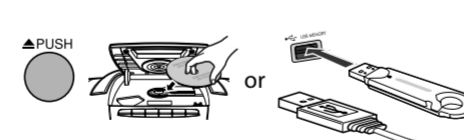
When using the remote control, point at the remote sensor directly.
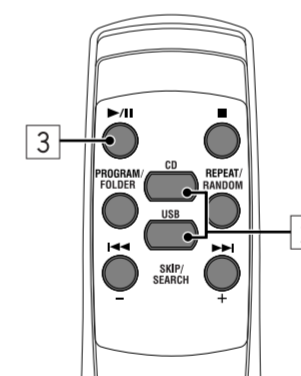
Basic procedure

1. **Load a disc or connect a USB device.**

▲PUSH   or

2. **Set the source to CD or USB.**

Main unit   Remote control
CD or USB   CD USB

FUNCTION

The total number of tracks or folders

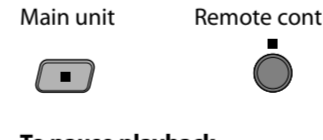3. **Start playback.**

Main unit   Remote control
►/II   ►/II
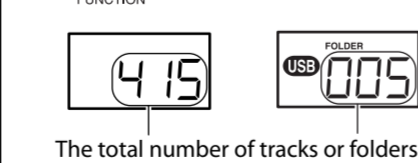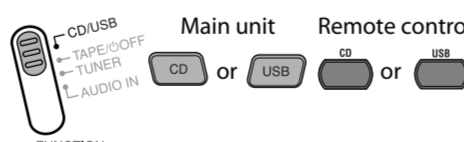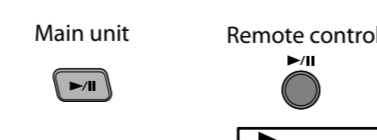
Lights only when playing an MP3 file.

The current track number

4. **Adjust the volume.**

To stop playback
Main unit   Remote control
■   ■

To pause playback
Main unit   Remote control
►/II   ►/II
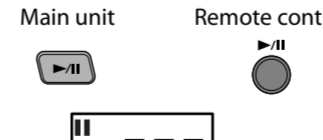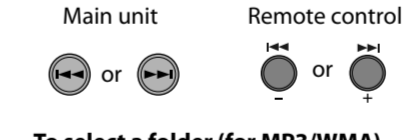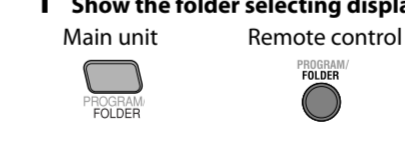
• To resume, press the same button again.
• When a USB device is played back, USB indicator appears on the display.
• When a WMA file is played back, WMA indicator appears on the display.
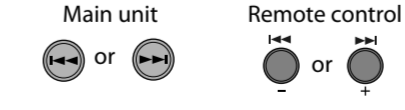
To select a track
Main unit   Remote control
I◄◄ or ►►I   I◄◄ or ►►I
   −   +

To select a folder (for MP3/WMA)
During playback...
1. **Show the folder selecting display.**
   Main unit   Remote control
   PROGRAM/FOLDER   PROGRAM/FOLDER

   Folder number

2. **Select the desired folder while the FOLDER indicator is flashing.**
   Main unit   Remote control
   I◄◄ or ►►I   I◄◄ or ►►I
      −   +

To locate a desired position on the disc
During playback...
   Main unit   Remote control
   I◄◄ or ►►I   I◄◄ or ►►I
      −   +
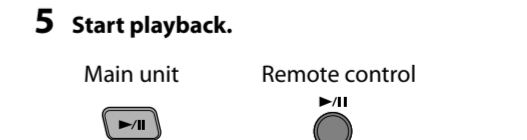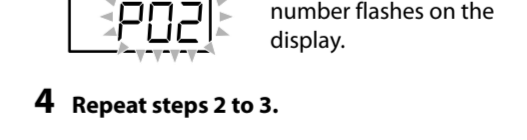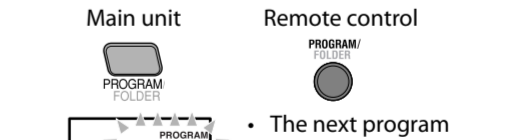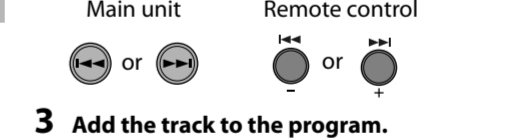   Press and hold   Press and hold
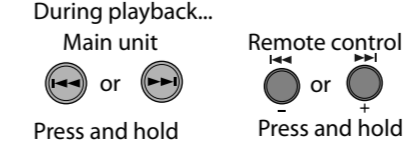
Program playback

Up to 20 tracks can be programmed to play in a desired order.

To program the playing order
While playback is stopped...

1. **Show the program creation display.**
   Main unit   Remote control
   PROGRAM   PROGRAM/

   • Now you can select the first track of the program.

2. **Select a desired track.**
   Main unit   Remote control
   I◄◄ or ►►I   I◄◄ or ►►I
      −   +

3. **Add the track to the program.**
   Main unit   Remote control
   PROGRAM   PROGRAM/FOLDER

   • The next program number flashes on the display.

4. **Repeat steps 2 to 3.**

5. **Start playback.**
   Main unit   Remote control
   ►/II   ►/II

• If you press ■ while you are programming tracks, the programmed order is erased.

To edit the program
1 While playback is stopped, press PROGRAM/FOLDER repeatedly to select the program number of the track you want to replace.
   • To add a track at the end of the program, press PROGRAM/FOLDER again when you reach the last program number. Then the next program number is shown on the display.
2 Perform steps 2 to 3 on the left column to select a new track.

To erase the entire program
Press ■ while playback is stopped. The PROGRAM indicator disappears from the display.
   • The entire program is also erased in the following cases:
   – when you open the disc cover.
   – when the unit is turned off.
   – when you select another source.
   – when you disconnect the USB device.

Repeat/Random playback

Select the desired playback mode.
Main unit   Remote control
REPEAT/RANDOM   REPEAT/RANDOM
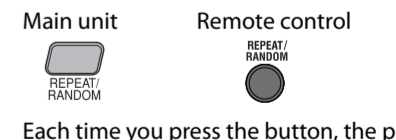
Each time you press the button, the playback mode changes as follows:

Indicator	Playback mode
REPEAT1	Repeats a single track/file.*
REPEAT FOLDER	Repeats files in a folder. (For MP3/WMA only)
REPEAT	Repeats all tracks/files.*
RANDOM	Plays tracks/files at random.

• To cancel, press the same button repeatedly until the indicator above disappears from the display.

* Repeat playback is also available during program playback.

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