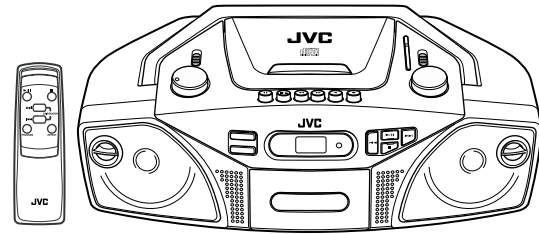


# JVC

CD PORTABLE SYSTEM

## RC-EZ31A

ENGLISH



### GETTING STARTED

#### POWER SUPPLY

This CD portable system operates on battery or AC power.

#### BATTERY POWER

Insert eight D-sized alkaline batteries (not supplied) and you can take your system just about anywhere. Open the battery compartment cover on the back of the unit by pressing down the two tabs. Insert batteries as marked on the unit.

#### Important battery information

- If you are not going to use the unit for a month or more, be sure to remove batteries because they can leak and cause damage.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

#### AC POWER

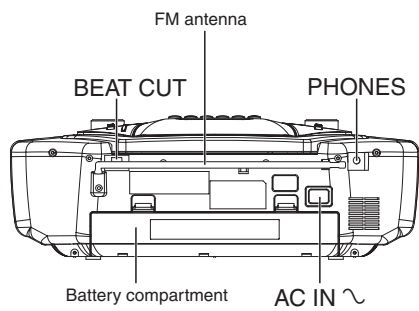
Plug the AC power cord into the AC IN ~ jack on the back of the unit, and into an AC power outlet.

#### CAUTIONS:

- ONLY USE JVC POWER CORD PROVIDED WITH 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.

#### ANTENNAS

The AM antenna is built in, so adjusting the position of the unit may help AM reception. The FM telescopic antenna on the back of the unit can be extended and rotated for better FM reception.



### RECORDING FROM THE RADIO

- Insert a cassette tape into the cassette deck and close the door.
- Move the FUNCTION switch to TUNER and tune to a radio station.
- Press REC ● to begin recording. REC ● and PLAY ◀ both lock down.
- Press STOP/EJECT ■/▲ to end recording.
- To turn off the radio, slide the FUNCTION switch to TAPE / ⏻ OFF.

#### RADIO RECORDING TIPS

To temporarily pause recording, press PAUSE ||. Press PAUSE || again to resume recording.

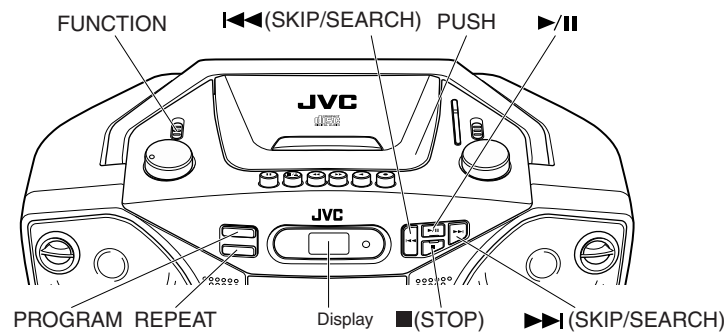
#### SYNCHRONIZED RECORDING FROM A CD

- Insert a cassette tape into the cassette deck and close the door.
- Move the FUNCTION switch to CD.
- Insert the CD you want to record into the CD compartment.
- Select the track you want to record by pressing ◀◀ (SKIP/SEARCH) or ▶▶ (SKIP/SEARCH). Then press REC ●.

#### TIP

Pressing PAUSE || instead of STOP/EJECT ■/▲ to momentarily interrupt recording gives you a much cleaner sound recording.

### USING THE CD PLAYER



#### PLAYING A CD

- Set the FUNCTION switch to CD. "--" flashes, and then "00" appears in the display if no disc is loaded.
- Press △ PUSH to open the CD compartment cover.
- Place a CD with the label side facing up.
- Close the CD compartment cover. The total number of tracks on the disc appears in the display.
- Press ▶▶. Playback starts from track 1. The current track number appears in the display.

To pause playback, press ▶▶. "■" flashes in the display. Press ▶▶ again to resume playback.

To stop playback, press ■ (STOP). Wait a few seconds for the disc to stop turning completely, and then remove the disc.

To remove the disc, open the CD compartment cover, and carefully pull it out.

#### SKIP

The skip function lets you quickly locate the beginning of any track on the CD, including the track currently being played.

#### During playback:

- Press ◀◀ (SKIP/SEARCH) once to return to the beginning of the current track.
- Press ◀◀ (SKIP/SEARCH) twice in rapid succession to return to the beginning of the previous track.
- Press ▶▶ (SKIP/SEARCH) to skip to the beginning of the next track.

#### In stop mode:

Press ◀◀ (SKIP/SEARCH) or ▶▶ (SKIP/SEARCH) repeatedly until the display shows the desired track number, and then press ▶▶. Playback starts from the selected track.

#### SEARCH

- During playback, press and hold ▶▶ (SKIP/SEARCH) to move forward through a disc at high speed.
- During playback, press and hold ◀◀ (SKIP/SEARCH) to move back through a disc at high speed.

#### REPEAT PLAY

The REPEAT button allows you to play the current track, all the tracks on the CD or the entire program repeatedly. Each time you press REPEAT, check the display to see which choice you have selected.

- When "REP" flashes in the display: The current track is played repeatedly.
- When "REP" lights up continuously in the display: All the tracks on the CD or the entire program are played repeatedly.

#### PROGRAM PLAY

- In stop mode, press PROGRAM to enter program create mode. "□" and "01" start flashing in the display.
- Press ◀◀ (SKIP/SEARCH) or ▶▶ (SKIP/SEARCH) to select a track number.
- Press PROGRAM to store the selected track number in the program.
- Repeat steps 2 and 3. You can store up to 20 tracks in the program. If you select more than 20 tracks, programmed tracks are overwritten from the first track.
- Press ▶▶ to start program play.

To confirm the order of programmed tracks, press PROGRAM in stop mode. To clear the program, press ■ (STOP) in stop mode. "□" disappears from the display.

#### PLAYING A CD-R OR CD-RW

- User-edited CD-Rs (Recordable) and CD-RWs (Rewritable) can be played only if they are already "finalized."
- You can play your original CD-Rs or CD-RWs recorded in music CD format. (However, they may not be played depending on their characteristics or recording conditions.)
  - Before playing CD-Rs or CD-RWs, read their instructions and cautions carefully.
  - Some CD-Rs and CD-RWs may not be played on this unit because of their disc characteristics, damage or stain on them, or if the player's lens is dirty.
  - CD-RWs may require a longer readout time. (This is caused by the fact that the reflectance of CD-RWs is lower than that of regular CDs.)

#### Caution for DualDisc playback

The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

### CARE AND MAINTENANCE

#### CLEANING THE EXTERIOR

Disconnect the unit from AC power before cleaning the exterior of the unit with a soft dust cloth.

#### HANDLING CDS

- Do not touch the signal surfaces. Hold by the edges, or by one edge and the hole.
- Do not affix labels or adhesive tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

### CLEANING CDS

- Dirty discs can cause sound-skip. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a disc becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
- Do not use record cleaning sprays or antistatic agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

#### TAPE CARE

- Do not expose tapes to sunlight or store them in hot places. High temperatures may warp the shell or damage the tape itself.
- Keep cassettes in their boxes when not in use.
- Cassette tapes can be erased by magnetic fields produced by magnets, electric motors, electrical transformers, and other devices. Keep tapes away from magnets and magnetic fields.

#### CLEANING THE TAPE HEADS

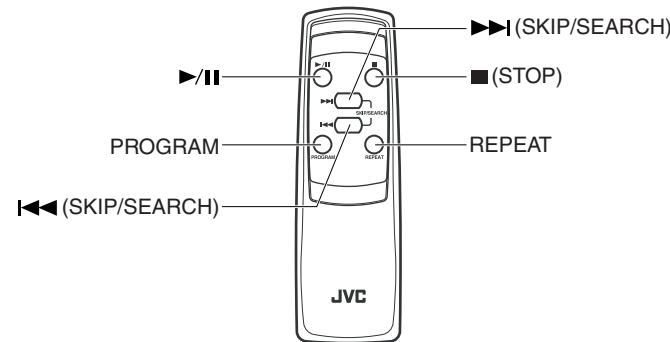
Iron oxide particles from the magnetic tape build up on the parts that come in contact with the tape. These deposits can cause incomplete erasure, muffled playback sound, and might prevent automatic stop.

To clean the cassette deck, open the cassette compartment door, push the PLAY ◀ button and gently clean the heads, capstan, and pinch roller with a head cleaner.

Always unplug the AC power cord before cleaning, and allow 30 minutes drying time after using a liquid cleaner. Clean the heads after every 25 hours of use.

- Never use any metal objects on or near the tape heads.
- Do not allow any cleaning material to fall into the tape assembly.

### REMOTE CONTROL UNIT



### TROUBLESHOOTING TIPS

Problem	Solution
The unit doesn't turn on	<ul style="list-style-type: none"> <li>Make sure the AC power cord is securely plugged into an AC power outlet (or that the batteries are fresh).</li> <li>Unplug the unit for a moment, and then plug it back in again.</li> <li>Check the outlet by plugging in another device.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>Adjust the volume setting.</li> <li>Make sure you have selected the correct function: CD, TAPE, or TUNER, and headphones are disconnected.</li> </ul>
Poor radio reception	<ul style="list-style-type: none"> <li>Adjust the FM telescopic antenna for better FM reception.</li> <li>Rotate the unit to achieve better AM reception.</li> <li>Try turning off electrical appliances near the unit, such as TV, hair dryers, vacuum cleaners, or fluorescent lights.</li> </ul>
CD doesn't play	<ul style="list-style-type: none"> <li>Make sure the tray contains a CD.</li> <li>Make sure the CD's label is facing up.</li> <li>Make sure that pause mode is not activated.</li> <li>Make sure the CD function is selected.</li> </ul>
CD sound skips	<ul style="list-style-type: none"> <li>Clean the CD (as explained in "CARE AND MAINTENANCE").</li> <li>Check the CD for warping, scratches, or other damage.</li> <li>Check for vibration or shock that may affect the unit; move the unit if necessary.</li> </ul>
Distorted or noisy recordings	<ul style="list-style-type: none"> <li>Inspect the recording head and clean it if necessary.</li> </ul>

### SPECIFICATION

#### Compact disc player section

Type	: Compact disc player
Signal detection	: Non-contact optical pick-up (semiconductor laser)
Number of channels	: 2 channels

#### Radio section

Frequency ranges	: FM 88 MHz - 108 MHz AM 530 kHz - 1 600 kHz
Antennas	: Telescopic antenna for FM Ferrite core antenna for AM

#### Cassette deck section

Track	: 4-track 2-channel stereo
Motor	: Electronic governor DC motor for capstan
Heads	: Hard permalloy head for recording/playback, magnetic head for erase
Fast wind time	: Approx. 120 sec. (C-60 cassette)

#### General

Speaker	: 10 cm × 2 (4 Ω, 3 W)
Power output	: 2 W + 2 W, 10% THD, 8 Ω
Output terminals	: PHONES × 1 (∅ 3.5 mm, stereo)
Power supply	: AC 240 V ~, 50 Hz DC 12 V ("R20/D (13F)" cells × 8)
Power consumption	: 13 W
Dimensions	: 435 mm (W) × 156 mm (H) × 241 mm (D)
Mass	: Approx. 2.8 kg (without batteries)
Accessories provided	: AC power cord × 1 Remote control unit × 1 Batteries for remote control unit, R03 (UM-4)/AAA (24F) × 2



### INSTRUCTIONS

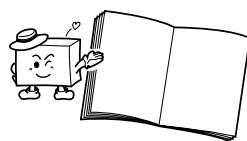
Thank you for purchasing this JVC product. Please read these instructions carefully before starting operation to be sure to obtain optimum performance and a longer service life from the unit.

601-EZ3100-010  
LVT1524-003A  
[A]

### SAFETY PRECAUTIONS

#### Caution — ⏻ OFF switch!

Disconnect the mains plug to shut the power off completely. The switch in any position does not disconnect the mains line.



#### CAUTION

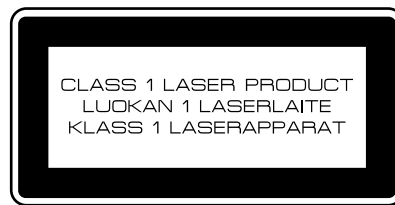
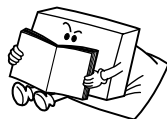
To reduce the risk of electrical shocks, fire, etc.:

- Do not remove screws, covers or cabinet.
- Do not expose this appliance to rain or moisture.
- To disconnect power from the mains, pull out the mains plug. When installing the product, ensure that the plug is easily accessible.

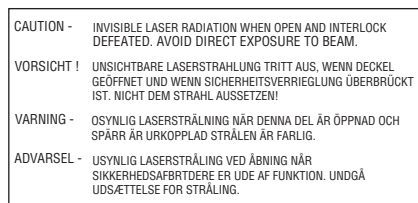
#### IMPORTANT FOR LASER PRODUCTS

##### REPRODUCTION OF LABELS

- CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE



- WARNING LABEL, PLACED INSIDE THE UNIT



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

#### 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.

### GENERAL CONTROLS

#### FUNCTION Switch

Move the FUNCTION switch to TAPE / ⏻ OFF position with no cassette buttons pressed, to turn the unit off. **VOLUME knob** – Turn the volume knob to increase or decrease the volume.

### USING THE RADIO

#### TUNING TO A RADIO STATION

- Move the FUNCTION switch to TUNER to turn the radio on.
- Set the BAND switch to FM or AM.
- Tune to a desired station by turning the TUNING wheel knob.
- To turn off the radio, move the FUNCTION switch to TAPE / ⏻ OFF.

#### BEAT CUT SWITCH

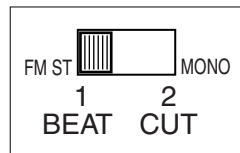
The BEAT CUT switch is also used for changing the FM reception mode.

#### Recording an AM station

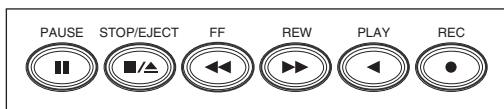
When recording an AM broadcast, beats may occur. If this happens, switch the BEAT CUT switch position to "1" or "2".

#### Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, switch to "2" (MONO). Reception improves. To restore stereo reception, switch to "1".



### USING THE CASSETTE DECK



REC ● – Press to record from the radio or CD player.

PLAY ◀ – Press to play a cassette.

REW ▶▶ – In stop mode, press to rewind the tape toward the beginning.

FF ◀◀ – In stop mode, press to advance the tape toward the end.

STOP/EJECT ■/▲ – Press to stop current tape activity, or to open the cassette compartment door when no buttons are active.

PAUSE || – Press to interrupt tape play or record mode. Press again to resume tape play or tape record mode.

#### PLAYING A CASSETTE TAPE

- Move the FUNCTION switch to TAPE / ⏻ OFF.
- Press STOP/EJECT ■/▲ to open the cassette compartment door.
- Insert a cassette tape into the compartment with the open edge up and the playback side facing out.
- Close the door securely.
- Press REW ▶▶ or FF ◀◀ to move the tape to the desired starting point.
- Press PLAY ◀ to begin playing the tape. Playback continues until the tape reaches the end of the side, then automatically stops.

#### RECORDING ON A CASSETTE TAPE

You can record from the radio or the CD player.

For best recording, use a normal bias tape.

It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.

#### ERASE PROTECTION



When you record new material, the cassette deck records over whatever is on the tape. To protect a tape from accidental erasure, break off one or both plastic tabs (one for each tape side) of the cassette tape. If you decide later to record on the tape, seal the hole with a piece of cellophane tape.

#### WARNING

A little bit of slack in your tape can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert the tape in the cassette compartment.



#### NOTE

Use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch roller and the capstan.

# JVC