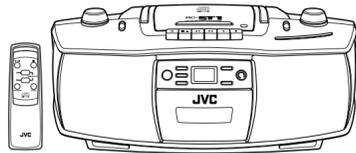


JVC

CD PORTABLE SYSTEM

RC-ST1SL/RC-ST1RD/RC-ST1BK

ENGLISH



INSTRUCTIONS

601-600000-030
LVT0999-003A
[B]

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.

SAFETY PRECAUTIONS

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 nonetheless 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 — **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.



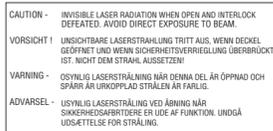
IMPORTANT FOR LASER PRODUCTS

REPRODUCTION OF LABELS

① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE



② 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.

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

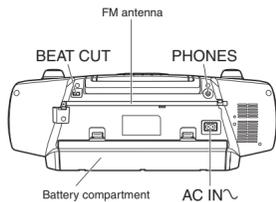
Plug the AC power cord into the AC IN ~ jack on the back of the unit, and into an AC power outlet.

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 improve AM reception. The FM telescopic antenna on the back of the unit can be extended and rotated for better FM reception.



GENERAL CONTROLS

FUNCTION Switch – Move the switch to select the TUNER, TAPE or CD function.

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.

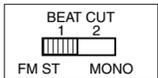
Recording an AM station

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

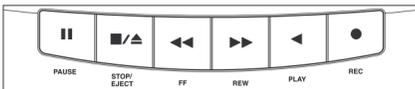
Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, switch to "MONO" (monaural). Reception improves.

To restore stereo reception, switch to "FM ST".



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 into the compartment with the open edge down 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 should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable program and in any literary, dramatic, musical, or artistic work embodied therein.

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. 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.

RECORDING FROM THE RADIO

- Insert a cassette 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 TIP

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

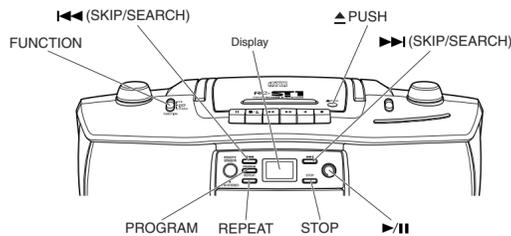
SYNCHRONIZED RECORDING FROM A CD

- Insert a cassette 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 on the tray 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 ▶▶. "PLAY" 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, hold the disc by the edges, 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. "PROG." 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. "PROG." 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.)

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 poor sound quality. 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

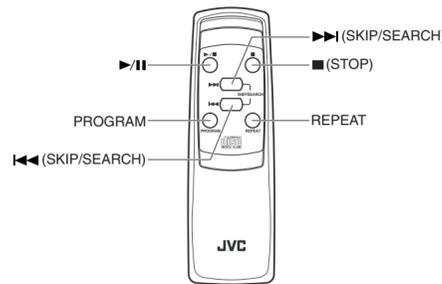
Iron oxide particles from the magnetic tape build up on the parts that come in contact with the tape. These deposits can cause incomplete erasure, muffled playback sound, and might prevent automatic stop.

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.

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

SPECIFICATIONS

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 erasure
Fast wind time	: Approx. 120 sec. (C-60 cassette)

General

Speakers	: 10 cm x 2 (8 Ω)
Power output	: 2 W per channel, min. RMS, driven into 8 Ω at 1 kHz, with no more than 10% total harmonic distortion (IEC 268-3)
Output terminal	: PHONES x 1 (∅ 3.5 mm, stereo)
Power supply	: AC 230 V, 50 Hz DC 12 V ("R20/D" (13F) cells x 8)
Power consumption	: 19 W (power-on mode) 2.5 W (standby mode)
Dimensions	: 440 mm (W) x 168 mm (H) x 241 mm (D)
Mass	: Approx. 3 kg (without batteries)
Accessories provided	: AC power cord x 1 Remote control unit x 1 Batteries for remote control unit, R03 (UM-4)/AAA (24F) x 2



Printed in China
0203NYMBICMTS



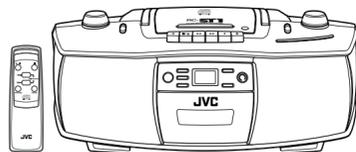
JVC

ENGLISH



CD PORTABLE SYSTEM

RC-ST1SL/RC-ST1RD/RC-ST1BK



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601-600000-040
LVT0999-004A
[E]

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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.:
- 1. Do not remove screws, covers or cabinet.
- 2. Do not expose this appliance to rain or moisture.

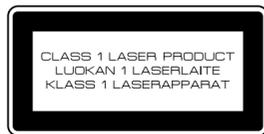
CAUTION:

- 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.

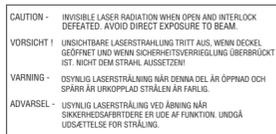
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① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE



② 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.
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JVC

VICTOR COMPANY OF JAPAN, LIMITED

Printed in China
0203NYMBICMTS

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POWER SUPPLY

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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.

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AC POWER

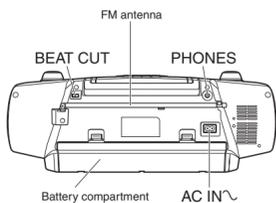
Plug the AC power cord into the AC IN jack on the back of the unit, and into an AC power outlet.

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 improve AM reception. The FM telescopic antenna on the back of the unit can be extended and rotated for better FM reception.



GENERAL CONTROLS

FUNCTION Switch – Move the switch to select the TUNER, TAPE or CD function.

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.

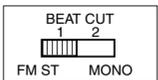
Recording an AM station

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

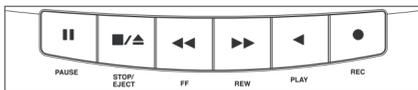
Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, switch to "MONO" (monaural). Reception improves.

To restore stereo reception, switch to "FM ST".



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 II – 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 into the compartment with the open edge down 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. 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.

RECORDING FROM THE RADIO

- Insert a cassette 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 TIP

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

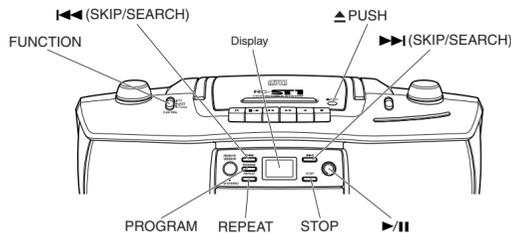
SYNCHRONIZED RECORDING FROM A CD

- Insert a cassette 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 II 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 on the tray with the label side facing up.
- Close the CD compartment cover. The total number of tracks on the disc appears in the display.
- Press II. Playback starts from track 1. The current track number appears in the display.

To pause playback, press II. "PLAY" flashes in the display. Press II 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, hold the disc by the edges, 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 II. 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. "PROG." 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 II 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. "PROG." 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.)

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 poor sound quality. 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

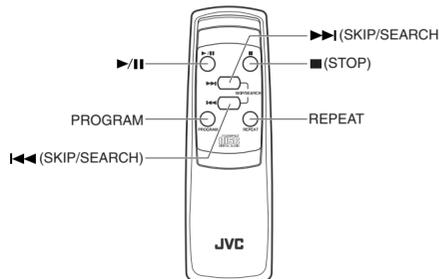
Iron oxide particles from the magnetic tape build up on the parts that come in contact with the tape. These deposits can cause incomplete erasure, muffled playback sound, and might prevent automatic stop.

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.

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

SPECIFICATIONS

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 erasure
Fast-wind time	: Approx. 120 sec. (C-60 cassette)

General

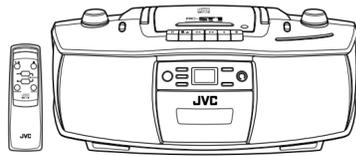
Speakers	: 10 cm x 2 (8 Ω)
Power output	: 2 W per channel, min. RMS, driven into 8 Ω at 1 kHz, with no more than 10% total harmonic distortion (IEC 268-3)
Output terminal	: PHONES x 1 (Ø 3.5 mm, stereo)
Power supply	: AC 230 V, 50 Hz DC 12 V ("R20/D (13F)" cells x 8)
Power consumption	: 19 W (power-on mode) 2.5 W (standby mode)
Dimensions	: 440 mm (W) x 168 mm (H) x 241 mm (D)
Mass	: Approx. 3 kg (without batteries)
Accessories provided	: AC power cord x 1 Remote control unit x 1 Batteries for remote control unit, R03 (UM-4)/AAA (24F) x 2

JVC

CD PORTABLE SYSTEM

RC-ST1SL/RC-ST1RD/RC-ST1BK

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

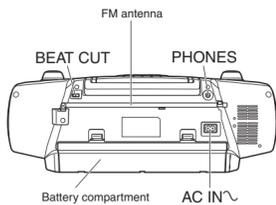
Plug the AC power cord into the AC IN ~ jack on the back of the unit, and into an AC power outlet.

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 improve AM reception. The FM telescopic antenna on the back of the unit can be extended and rotated for better FM reception.

**GENERAL CONTROLS****FUNCTION Switch** – Move the switch to select the TUNER, TAPE or CD function.

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

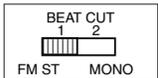
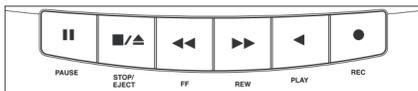
The BEAT CUT switch is also used for changing the FM reception mode.

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 "MONO" (monaural). Reception improves. To restore stereo reception, switch to "FM ST".

**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 into the compartment with the open edge down 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. 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.

RECORDING FROM THE RADIO

- Insert a cassette 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 TIP

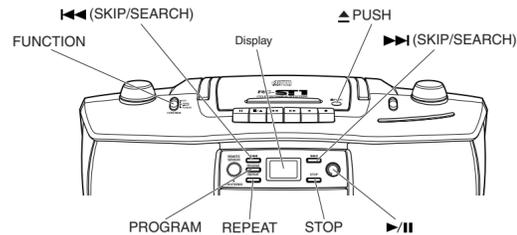
To temporarily pause recording, press PAUSE. Press PAUSE again to resume recording.

SYNCHRONIZED RECORDING FROM A CD

- Insert a cassette 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 on the tray with the label side facing up.
- Close the CD compartment cover. The total number of tracks on the disc appears in the display.
- Press PAUSE. Playback starts from track 1. The current track number appears in the display.

To pause playback, press PAUSE. "PLAY" flashes in the display. Press PAUSE 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, hold the disc by the edges, 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 PAUSE. 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. "PROG." 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 PAUSE 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. "PROG." disappears from the display.

PLAYING A CD-R OR CD-RWUser-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.)

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 poor sound quality. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
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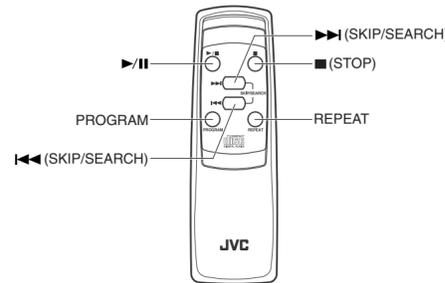
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Problem	Solution
The unit doesn't turn on	<ul style="list-style-type: none"> Make sure the AC power cord is securely plugged into an AC power outlet (or that the batteries are fresh). Unplug the unit for a moment, and then plug it back in again. Check the outlet by plugging in another device.
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Type	: Compact disc player
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Heads	: Hard permalloy head for recording/playback, magnetic head for erasure
Fast-wind time	: Approx. 120 sec. (C-60 cassette)

General

Speakers	: 10 cm x 2 (8 Ω)
Power output	: 2 W per channel, min. RMS, driven into 8 Ω at 1 kHz, with no more than 10% total harmonic distortion (IEC 268-3)
Output terminal	: PHONES x 1 (Ø 3.5 mm, stereo)
Power supply	: AC 230 V, 50 Hz DC 12 V ("R20/D (13F)" cells x 8)
Power consumption	: 19 W (power-on mode) 2.5 W (standby mode)
Dimensions	: 440 mm (W) x 168 mm (H) x 241 mm (D)
Mass	: Approx. 3 kg (without batteries)
Accessories provided	: AC power cord x 1 Remote control unit x 1 Batteries for remote control unit, R03 (UM-4)/AAA (24F) x 2

**INSTRUCTIONS**601-600000-070
LVT0999-007A
[EN]**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.

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.:

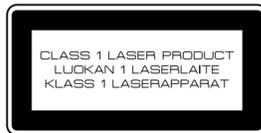
- Do not remove screws, covers or cabinet.
- Do not expose this appliance to rain or moisture.

CAUTION:

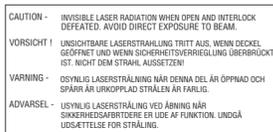
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems 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.

IMPORTANT FOR LASER PRODUCTS**REPRODUCTION OF LABELS**

① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE



② WARNING LABEL, PLACED INSIDE THE UNIT

**1. 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.

JVC
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0203NYMBICMTS