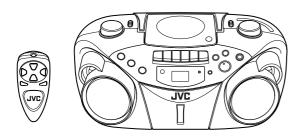




RC-EX16B/RC-EX16A





LVT1374-003A [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:

Neutral Blue: Brown: Live

As these colours may not correspond with the coloured markings identifying the terminals in your plug

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 — (I) OFF switch!

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

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.

IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL

GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN!

VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLIG.

ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ

UDSÆTTELSE FOR STRÅLING

Caution: Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

Front

⊕EN

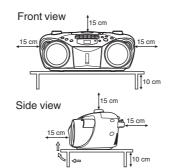
No obstructions and open spacing.

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2 Sides/Top/Back: No obstructions should be placed in the areas shown in the

illustration on the right. 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.





GETTING STARTED

POWERING UP

This CD portable system operates on battery or AC power.

BATTERY POWER

Insert six batteries R20 (SUM-1)/D (13D) (not supplied) and you can take your system just about anywhere. Open the battery compartment door on the back of the unit by pressing down the two tabs and pulling out the cover. Insert batteries as marked on

Important Battery Information

- If you are not going to use your system for a month or more, be sure to remove batteries because they can leak and cause
- 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.

BEAT CUT/FM FM telescopic antenna MODE switch Ű Battery compartment √AC IN jack **D** PHONES jack

AC POWER

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

CAUTIONS:

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

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.

GENERAL CONTROLS

FUNCTION switch - Move the switch to select which part of this system you want to select - TUNER, TAPE or CD

VOLUME - Turn the volume knob to increase or decrease the volume to desired level.

HBS - Press so that the HBS indicator lights. You can enjoy powerful bass sound with the Hyper-Bass Sound

POWER OFF - Move FUNCTION to GOFF/TAPE with no cassette button pressed, to turn the unit off.

USING THE RADIO

TUNING IN RADIO STATIONS

Move FUNCTION to TUNER to turn the radio on.

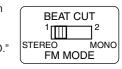
- Set BAND to AM or FM.
- Tune in desired station by turning the TUNING knob.
- To turn off the radio, move FUNCTION to OFF/TAPE.

BEAT CUT/FM MODE SWITCH

When recording an AM broadcast

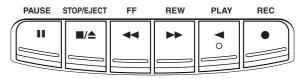
When recording an AM broadcast, beats may occur. If this happens, set the switch to "1" or "2." Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, set the switch to "MONO."



Reception improves. To restore the stereo effect, switch to "STEREO."

USING THE TAPE



PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record

STOP/EJECT ■/▲ - Press to stop the current tape activity, or to open the cassette compartment door when no buttons are active. FF ◀ - In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **REW** ▶ – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **PLAY ◄** – Press to play cassettes.

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

PLAYING A CASSETTE TAPE

- 1. Move FUNCTION to **O**OFF/TAPE.
- 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- 3. Insert a cassette tape into the compartment with the exposed part of the tape facing up and the side you want to play facing toward you.
- 4. Close the door securely.
- 5. Press REW ▶▶ or FF ◀◀ to move the tape to the desired starting point.
- 6. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it

RECORDING ON CASSETTE TAPES You can record from the radio or the CD player.

For best recording, use 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 a tape. To protect a tape from accidental erasure, break off one or both plastic tabs (one for each tape side) on the top 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 it in the tape deck.



TIP

The 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. **Turn Over**

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RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the tape deck and close the door.
- 2. Move FUNCTION to TUNER and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ lock down.
- 4. Press STOP/EJECT ■/▲ to end recording
- 5. To turn off the radio, slide FUNCTION to **OFF/TAPE**

RADIO RECORDING TIPS

To temporarily pause the recording, press PAUSE II on the cassette deck. Press PAUSE II again to resume recording

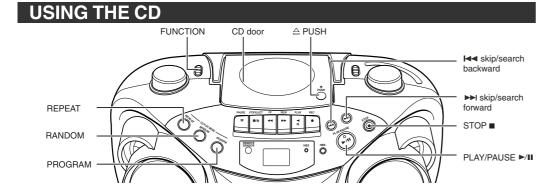
SYNCHRONIZED RECORDING FROM A CD

- 1. Insert a cassette tape into the tape deck and close the door.
- 2. Move FUNCTION to CD.
- 3. Insert the CD you want to record into CD compartment.
- Select the track you want to record by pressing ◄ (skip/search) or ► (skip/search).
- Press REC to start recording.

Note that the tape continues to run when the CD finishes playing, or the CD continues to play when the tape reaches the end.

TIP

Using the PAUSE Ⅱ button on the cassette deck instead of the STOP/EJECT ■/▲ button to momentarily interrupt recording gives you a much cleaner sound recording



LOADING A CD

- 1. Move FUNCTION to CD; "--" flashes, then "no" appears in the display if no CD is loaded.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks appears.

Press PLAY/PAUSE ►/II to play all the tracks in order starting with track 1. The current track number appears in

Note: Press PLAY/PAUSE ►/III to temporarily stop the CD. The ► indicator and the track number flash in the display. Press PLAY/PAUSE ►/II again to resume playing the CD.

- · Adjust VOLUME to a comfortable level.
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press \triangleq PUSH to open the CD compartment door and remove the CD.

AUTOMATIC SEARCH

Automatic search lets you quickly locate the beginning of any track on the CD, including the track currently playing. If the CD is playing:

- Press ◄ (skip/search) once to return to the beginning of the current track, press twice to return to the beginning of the previous track.
- Press | (skip/search) to skip to the beginning of the next track.

If the CD is stopped, repeatedly press ▶► (skip/search) or I◄◄ (skip/search) until the display shows the number of the track you want to play, then press PLAY/PAUSE ►/II. The CD player starts playing the selected track.

TRACK SEARCH

- In play mode, press and hold ►►I (skip/search) to move forward through a track at high speed.
- In play mode, press and hold I◄◄ (skip/search) to move backward through a track at high speed.

The REPEAT button allows you to repeat one track (REP 1) or all tracks (REP ALL). To scroll through the choices, continuously press and release REPEAT and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes

RANDOM

Press RANDOM so that "RAND" appears in the display. Start play by pressing PLAY/PAUSE ▶/II, and the tracks are played in random order.

To quit random play, press RANDOM again.

PROGRAMMING

Press PROGRAM to enter program edit mode.

"00" and "PROG" will flash in the display. Press ►► (skip/search) or I◄◄ (skip/search) to select the track number and press PROGRAM to store the number in program place. You can repeat these steps to program up to 20 tracks. Note that programming more than 20 tracks will overwrite the tracks already programmed.

During program play, "PROG" lights steadily. To confirm the program order, press PROGRAM in stop mode. Each time you press PROGRAM, the program number appears, then the corresponding track number flashes in order

To clear the entire program in the memory, turn the unit off, or open the CD door.

This unit has been designed only to play back the following CDs.

- Digital audio CD
- Recordable digital audio CD (CD-R)
- Rewritable digital audio CD (CD-RW)

When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording on it.)

- You can play back CD-R or CD-RW like an audio CD.
- Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics, damage or stain on them, or if the player lens is dirty. The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time
- to read.
- CD-R and CD-RW of MP3 format cannot be played back.

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 system 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 in hot places. High temperatures may warp the shell or damage the
- 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 can 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 a cassette deck, open the compartment door, press PLAY ◀ and gently clean the heads, capstan, and pinch wheel with a head cleaner.

- Always unplug the power cord before cleaning, and allow 30 minutes drying time after using a liquid cleaner. Clean heads after every 25 hours of use. · Demagnetize the head occasionally with a head demagnetizing cassette (available from many audio equip-
- ment 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 FUNCTIONS (FOR CD OPERATION ONL



When inserting batteries R03 (UM-4) / AAA (24F)

Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment on the back

TROUBLESHOOTING TIPS

Problem	Solution
System doesn't turn on.	Make sure power cord is securely plugged into the 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	Adjust volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD doesn't play.	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 CD function is selected.
CD sound skips.	Clean the CD (as explained in "CARE AND MAINTENANCE"). Check CD for warping, scratches, or other damage. Check for vibration or shock that may affect the unit; move system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

SPECIFICATION

CD player

: 1 CD CD capacity Dynamic range : 60 dB Signal-to-noise ratio : 75 dB

<u>Tuner</u>

Frequency ranges : FM 88 - 108 MHz : AM 540 - 1 600 kHz : Telescopic antenna for FM Antenna Ferrite core antenna for AM

Cassette deck section

: 60 Hz - 10 000 Hz Frequency response Wow and flutter : 0.15% (WRMS)

<u>General</u>

Speaker : 9 cm cone \times 2 (4 Ω)

Power output : 4 W (2 W + 2 W) at 4 Ω (10% THD) (IEC268-3) Output terminals : PHONES × 1 (Ø 3.5 mm, stereo) Power supply : AC 230 V \sim , 50 Hz

DC 9 V ("R20 (SUM-1)/D (13D)" × 6) Power consumption : 12 W (at operation), 3 W (on standby) : 420 mm (W) \times 178 mm (H) \times 249 mm (D) Dimensions

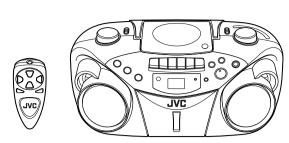
Approx. 3.2 kg (without batteries) Mass Accessories provided : AC power cord × 1

> Remote control unit × 1 Batteries for the remote control unit R03 (UM-4)/AAA (24F) \times 2





RC-EX16B/RC-EX16A





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.

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SAFETY PRECAUTIONS

Caution — (b) OFF switch!

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

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

IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM. **VORSICHT!** UNSICHTBARE LASERSTRAHLUNG TRITT AUS. WENN DECKEL

GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN

VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLI ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING NÅR

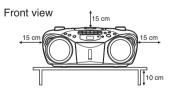
SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

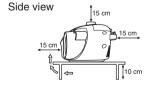
Caution: Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

- No obstructions and open spacing.
- 2 Sides/Top/Back:
- No obstructions should be placed in the areas shown by the dimensions below.

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.





GETTING STARTED

POWERING UP

This CD portable system operates on battery or AC power.

BATTERY POWER

Insert six batteries R20 (SUM-1)/D (13D) (not supplied) and you can take your system just about anywhere. Open the battery compartment door on the back of the unit by pressing down the two tabs and pulling out the cover. Insert batteries as marked on

Important Battery Information

- If you are not going to use your system for a month or more, be Battery compartment AC IN jack sure to remove batteries because they can leak and cause • 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 power supply cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet.

FM telescopic antenna

BEAT CUT/FM MODE switch

PHONĖS jack

BEAT CUT

FM MODE

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

ANTENNAS

LVT1374-004A [E]

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.

GENERAL CONTROLS

FUNCTION switch - Move the switch to select which part of this system you want to select - TUNER, TAPE or

VOLUME - Turn the volume knob to increase or decrease the volume to desired level HBS - Press so that the HBS indicator lights. You can enjoy powerful bass sound with the Hyper-Bass Sound

POWER OFF - Move FUNCTION to OFF/TAPE with no cassette button pressed, to turn the unit off.

USING THE RADIO

TUNING IN RADIO STATIONS

Move FUNCTION to TUNER to turn the radio on.

- Set BAND to AM or FM.
- Tune in desired station by turning the TUNING knob.
- To turn off the radio, move FUNCTION to **OFF/TAPE**.

BEAT CUT/FM MODE SWITCH · When recording an AM broadcast

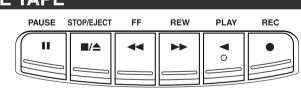
When recording an AM broadcast, beats may occur. If this happens, set the switch to "1" or "2."

Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, set the switch to

Reception improves. To restore the stereo effect, switch to "STEREO."

USING THE TAPE



PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record STOP/EJECT ■/▲ - Press to stop the current tape activity, or to open the cassette compartment door when no

buttons are active FF ◀ - In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **REW** ▶▶ – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

PLAY ◄ – Press to play cassettes.

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

- **PLAYING A CASSETTE TAPE** 1. Move FUNCTION to **O**OFF/TAPE.
- 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- 3. Insert a cassette tape into the compartment with the exposed part of the tape facing up and the side you want to play facing toward you.
- 4. Close the door securely.
- 5. Press REW ▶▶ or FF ◀◀ to move the tape to the desired starting point.
- 6. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it automatically stops.

RECORDING ON CASSETTE TAPES

You can record from the radio or the CD player For best recording, use normal bias tape.

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

ERASE PROTECTION



When you record new material, the cassette deck records over whatever is on a tape. To protect a tape from accidental erasure, break off one or both plastic tabs (one for each tape side) on the top 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 it in the tape deck.



TIP

The 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. Download from Www.Somanuals.com. All Manuals Search And Download.

RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the tape deck and close the door. 2. Move FUNCTION to TUNER and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ lock down.
- 4. Press STOP/EJECT ■/▲ to end recording 5. To turn off the radio, slide FUNCTION to **OFF/TAPE**.

RADIO RECORDING TIPS

• To temporarily pause the recording, press PAUSE II on the cassette deck. Press PAUSE II again to resume recording.

SYNCHRONIZED RECORDING FROM A CD

- 1. Insert a cassette tape into the tape deck and close the door.
- 2. Move FUNCTION to CD.
- 3. Insert the CD you want to record into CD compartment.
- Select the track you want to record by pressing I◄◄ (skip/search) or ►► (skip/search).

5. Press REC ● to start recording.

Note that the tape continues to run when the CD finishes playing, or the CD continues to play when the tape reaches the end.

TIP

Using the PAUSE II button on the cassette deck instead of the STOP/EJECT ■/▲ button to momentarily interrupt recording gives you a much cleaner sound recording.

USING THE CD FUNCTION CD door ✓ skip/search ▶► skip/search REPEAT STOP RANDOM PLAY/PAUSE ►/II

LOADING A CD

- 1. Move FUNCTION to CD; "--" flashes, then "no" appears in the display if no CD is loaded.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks appears.
- 5. To remove the CD, press ≜ PUSH, grasp the CD by its edges, and carefully pull it out.

Press PLAY/PAUSE ►/II to play all the tracks in order starting with track 1. The current track number appears in the display

Note: Press PLAY/PAUSE ▶/II to temporarily stop the CD. The ▶ indicator and the track number flash in the display. Press PLAY/PAUSE ►/II again to resume playing the CD.

- Adjust VOLUME to a comfortable level.
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press ≙ PUSH to open the CD compartment door and remove the CD.

AUTOMATIC SEARCH

Automatic search lets you quickly locate the beginning of any track on the CD, including the track currently playing. If the CD is playing:

- Press I◄ (skip/search) once to return to the beginning of the current track, press twice to return to the beginning of the previous track.
- Press ►►I (skip/search) to skip to the beginning of the next track.
- If the CD is stopped, repeatedly press ►► (skip/search) or I◄ (skip/search) until the display shows the number of the track you want to play, then press PLAY/PAUSE ▶/III. The CD player starts playing the selected track.

TRACK SEARCH

- In play mode, press and hold ▶► (skip/search) to move forward through a track at high speed.
- In play mode, press and hold I◄◄ (skip/search) to move backward through a track at high speed.

The REPEAT button allows you to repeat one track (REP 1) or all tracks (REP ALL). To scroll through the choices, continuously press and release REPEAT and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes.

→ NORMAL → REP 1 → REP ALL →

RANDOM

Press RANDOM so that "RAND" appears in the display. Start play by pressing PLAY/PAUSE ▶/II, and the tracks are played in random order.

To quit random play, press RANDOM again.

PROGRAMMING

Press PROGRAM to enter program edit mode.

"00" and "PROG" will flash in the display. Press ►►I (skip/search) or I◄◄ (skip/search) to select the track number and press PROGRAM to store the number in program place. You can repeat these steps to program up to 20 tracks. Note that programming more than 20 tracks will overwrite the tracks already programmed. During program play, "PROG" lights steadily. To confirm the program order, press PROGRAM in stop mode. Each time you press PROGRAM, the program number appears, then the corresponding track number flashes in order

To clear the entire program in the memory, turn the unit off, or open the CD door.

- This unit has been designed only to play back the following CDs.
- Digital audio CD Recordable digital audio CD (CD-R)
- Rewritable digital audio CD (CD-RW)

When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording on it.)

- You can play back CD-R or CD-RW like an audio CD. • Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics, damage or
- stain on them, or if the player lens is dirty. • The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time

• CD-R and CD-RW of MP3 format cannot be played back. 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 system 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.

- Do not expose tapes to sunlight or store 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

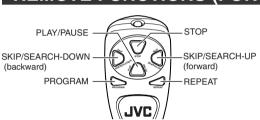
pinch wheel with a head cleaner.

Iron oxide particles from the magnetic tape can 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 a cassette deck, open the compartment door, press PLAY ◀ and gently clean the heads, capstan, and

Always unplug the power cord before cleaning, and allow 30 minutes drying time after using a liquid cleaner. Clean heads after every 25 hours of use Demagnetize the head occasionally with a head demagnetizing cassette (available from many audio equip-

- ment 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 FUNCTIONS (FOR CD OPERATION ONLY)



When inserting batteries R03 (UM-4) / AAA (24F) Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment on the back of the unit.

Remote control unit × 1

Batteries for the remote

 $(24F) \times 2$

control unit R03 (UM-4)/AAA

TROUBLESHOOTING TIPS

Problem	Solution
System doesn't turn on.	 Make sure power cord is securely plugged into the 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	 Adjust volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD doesn't play.	 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 CD function is selected.
CD sound skips.	 Clean the CD (as explained in "CARE AND MAINTENANCE"). Check CD for warping, scratches, or other damage. Check for vibration or shock that may affect the unit; move system if necessary.
Distorted or noisy recordings	 Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

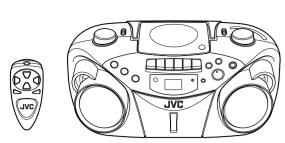
SPECIFICATION

CD player **General** CD capacity : 1 CD Speaker : 9 cm cone \times 2 (4 Ω) : 60 dB Dynamic range : 4 W (2 W + 2 W) at 4 Ω Power output Signal-to-noise ratio : 75 dB (10% THD) (IEC268-3) Output terminals : PHONES \times 1 (\varnothing 3.5 mm, Tuner : AC 230 V √. 50 Hz Power supply Frequency ranges : FM 88 - 108 MHz DC 9 V ("R20 (SUM-1)/D AM 540 - 1 600 kHz $(13D)" \times 6)$ lelescopic antenna for FIV Power consumption : 12 W (at operation), 3 W (on Ferrite core antenna for AM standby) Dimensions : 420 mm (W) \times 178 mm (H) \times 249 mm (D) Cassette deck section Mass Approx. 3.2 kg (without Frequency response : 60 Hz - 10 000 Hz batteries) Wow and flutter : 0.15% (WRMS) Accessories provided : AC power cord × 1



CD PORTABLE SYSTEM

RC-EX16B/RC-EX16A





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.

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SAFETY PRECAUTIONS

Caution — (b) OFF switch!

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

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. **IMPORTANT FOR LASER PRODUCTS**

1. CLASS 1 LASER PRODUCT

- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL

GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN!

VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLIG.

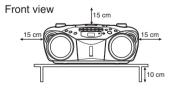
ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING NÅR

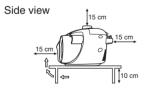
IKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING

Caution: Proper Ventilation

- To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
- 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.





GETTING STARTED

POWERING UP

This CD portable system operates on battery or AC power.

BATTERY POWER

Insert six batteries R20 (SUM-1)/D (13D) (not supplied) and you can take your system just about anywhere. Open the battery compartment door on the back of the unit by pressing down the two tabs and pulling out the cover. Insert batteries as marked on

Important Battery Information

- If you are not going to use your system for a month or more, be sure to remove batteries because they can leak and cause
- 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 power supply cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet.

FM telescopic antenna

BEAT CUT/FM MODE switch

PHONĖS jack

CAUTIONS:

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

ANTENNAS

IVT1374-007A [EN]

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.

GENERAL CONTROLS

FUNCTION switch - Move the switch to select which part of this system you want to select - TUNER, TAPE or

VOLUME – Turn the volume knob to increase or decrease the volume to desired level. HBS - Press so that the HBS indicator lights. You can enjoy powerful bass sound with the Hyper-Bass Sound

POWER OFF - Move FUNCTION to OFF/TAPE with no cassette button pressed, to turn the unit off.

USING THE RADIO

TUNING IN RADIO STATIONS

Move FUNCTION to TUNER to turn the radio on.

- · Set BAND to AM or FM.
- Tune in desired station by turning the TUNING knob. • To turn off the radio, move FUNCTION to **O**OFF/TAPE.
- BEAT CUT/FM MODE SWITCH
- When recording an AM broadcast

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

· Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, set the switch to "MONO."



Reception improves. To restore the stereo effect, switch to "STEREO."

USING THE TAPE



PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record STOP/EJECT ■/▲ - Press to stop the current tape activity, or to open the cassette compartment door when no

buttons are active FF ◀◀ - In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **REW** ▶► – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press

PLAY ◄ – Press to play cassettes.

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

PLAYING A CASSETTE TAPE

- 1. Move FUNCTION to **O**OFF/TAPE.
- 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- Insert a cassette tape into the compartment with the exposed part of the tape facing up and the side you want
- to play facing toward you 4. Close the door securely.
- 5. Press REW ▶▶ or FF ◀◀ to move the tape to the desired starting point.

STOP/EJECT ■/▲ to release the depressed button.)

6. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it automatically stops.

RECORDING ON CASSETTE TAPES

You can record from the radio or the CD player.

For best recording, use normal bias tape

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

ERASE PROTECTION



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

WARNING

TIP

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



The 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. Download from Www.Somanuals.com. All Manuals Search And Download.

RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the tape deck and close the door.
- 2. Move FUNCTION to TUNER and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ lock down. 4. Press STOP/EJECT ■/▲ to end recording.
- 5. To turn off the radio, slide FUNCTION to **OFF/TAPE**.

RADIO RECORDING TIPS

• To temporarily pause the recording, press PAUSE II on the cassette deck. Press PAUSE II again to resume recording.

SYNCHRONIZED RECORDING FROM A CD

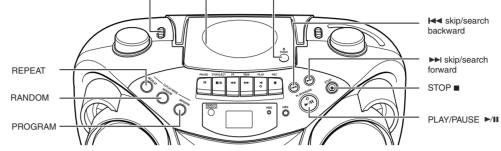
- 1. Insert a cassette tape into the tape deck and close the door.
- 2. Move FUNCTION to CD.
- 3. Insert the CD you want to record into CD compartment.
- Select the track you want to record by pressing I◄◄ (skip/search) or ►► (skip/search).

Press REC ● to start recording. Note that the tape continues to run when the CD finishes playing, or the CD continues to play when the tape reaches the end.

TIP

Using the PAUSE II button on the cassette deck instead of the STOP/EJECT ■/▲ button to momentarily interrupt recording gives you a much cleaner sound recording.

USING THE CD FUNCTION CD door



LOADING A CD

- 1. Move FUNCTION to CD; "--" flashes, then "no" appears in the display if no CD is loaded.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks appears.

Press PLAY/PAUSE ▶/II to play all the tracks in order starting with track 1. The current track number appears in the display Note: Press PLAY/PAUSE ▶/II to temporarily stop the CD. The ▶ indicator and the track number flash in the

- display. Press PLAY/PAUSE ►/II again to resume playing the CD. Adjust VOLUME to a comfortable level
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press ≜ PUSH to open the CD compartment door and remove the CD.

AUTOMATIC SEARCH

Automatic search lets you quickly locate the beginning of any track on the CD, including the track currently playing. If the CD is playing:

- Press I◄◄ (skip/search) once to return to the beginning of the current track, press twice to return to the beginning of the previous track.
- Press ►►I (skip/search) to skip to the beginning of the next track.

If the CD is stopped, repeatedly press ►►I (skip/search) or I◄◄ (skip/search) until the display shows the number of the track you want to play, then press PLAY/PAUSE ▶/II. The CD player starts playing the selected track.

• In play mode, press and hold ►►I (skip/search) to move forward through a track at high speed. • In play mode, press and hold I◄◄ (skip/search) to move backward through a track at high speed.

TRACK SEARCH

The REPEAT button allows you to repeat one track (REP 1) or all tracks (REP ALL). To scroll through the choices, continuously press and release REPEAT and check the display to see which choice you have selected.

RANDOM

Press RANDOM so that "RAND" appears in the display. Start play by pressing PLAY/PAUSE ►/II, and the tracks are played in random order

To quit random play, press RANDOM again.

PROGRAMMING

Press PROGRAM to enter program edit mode.

"00" and "PROG" will flash in the display. Press ▶► (skip/search) or I◄◄ (skip/search) to select the track number and press PROGRAM to store the number in program place. You can repeat these steps to program up to 20 tracks. Note that programming more than 20 tracks will overwrite the tracks already programmed. During program play, "PROG" lights steadily. To confirm the program order, press PROGRAM in stop mode. Each time you press PROGRAM, the program number appears, then the corresponding track number flashes in order

To clear the entire program in the memory, turn the unit off, or open the CD door.

- This unit has been designed only to play back the following CDs. Digital audio CD
- Recordable digital audio CD (CD-R) Rewritable digital audio CD (CD-RW)
- When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording on it.)

- You can play back CD-R or CD-RW like an audio CD. Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics, damage or stain on them, or if the player lens is dirty. The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time
- CD-R and CD-RW of MP3 format cannot be played back.

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 system 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.

- Do not expose tapes to sunlight or store 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

pinch wheel with a head cleaner

PROGRAM -

Iron oxide particles from the magnetic tape can 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 a cassette deck, open the compartment door, press PLAY ◀ and gently clean the heads, capstan, and

Always unplug the power cord before cleaning, and allow 30 minutes drying time after using a liquid cleaner. Clean 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 FUNCTIONS (FOR CD OPERATION ONLY)

PLAY/PAUSE 1500 SKIP/SEARCH-DOWN of the unit. REPEAT

When inserting batteries R03 (UM-4) / AAA (24F) Match the polarity (+ and -) on the batteries with the + -SKIP/SEARCH-UP and - markings in the battery compartment on the back

Batteries for the remote

 $(24F) \times 2$

control unit B03 (UM-4)/AAA

TROUBLESHOOTING TIPS

Problem	Solution
System doesn't turn on.	 Make sure power cord is securely plugged into the 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	Adjust volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD doesn't play.	 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 CD function is selected.
CD sound skips.	Clean the CD (as explained in "CARE AND MAINTENANCE"). Check CD for warping, scratches, or other damage. Check for vibration or shock that may affect the unit; move system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

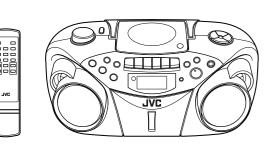
SPECIFICATION

CD player		General	
CD capacity	: 1 CD	Speaker	: 9 cm cone \times 2 (4 Ω)
Dynamic range	: 60 dB	Power output	: 4 W (2 W + 2 W) at 4 Ω
Signal-to-noise ratio	: 75 dB		(10% THD) (IEC268-3)
Tunar		Output terminals	: PHONES \times 1 (\varnothing 3.5 m stereo)
<u>Tuner</u>		Power supply	: AC 230 V ∼, 50 Hz
Frequency ranges	: FM 88 - 108 MHz : AM 540 - 1 600 kHz		DC 9 V ("R20 (SUM-1)/D (13D)" × 6)
Antenna	: Telescopic antenna for FM Ferrite core antenna for AM	Power consumption	: 12 W (at operation), 3 W (standby)
		Dimensions	: 420 mm (W) × 178 mm (H
Cassette deck s	ection		249 mm (D)
Frequency response	: 60 Hz - 10 000 Hz	Mass	: Approx. 3.2 kg (without
Wow and flutter	: 0.15% (WRMS)		batteries)
	(Accessories provided	•
			Remote control unit × 1





RC-EX26B





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

0205NSMBICORI

LVT1382-009A [B]

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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:

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:

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 — (¹)/| STANDBY/ON switch!

Disconnect the mains plug to shut the power off completely. The 6/1 STANDBY/ON switch in any position does not disconnect the mains line. The power can be remote controlled

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.

IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the
- unit; leave all servicing to qualified service personnel. 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or
- defeated. Avoid direct exposure to beam

4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM. VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFENET LIND WENN SICHERHEITSVERRIEGELLIN

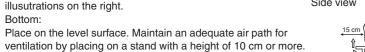
VARNING -

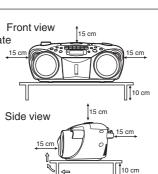
OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLIC ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

Caution: Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

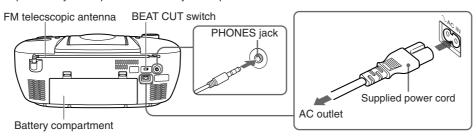
- 1 Front: No obstructions and open spacing.
- 2 Sides/Top/Back: No obstructions should be placed in the areas shown in the
- 3 Bottom:





FIRST THINGS

This portable system operates on battery or AC power.

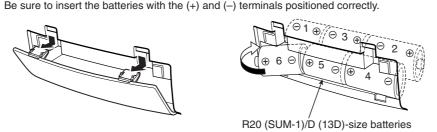


INSERTING BATTERIES

Open the battery compartment cover.

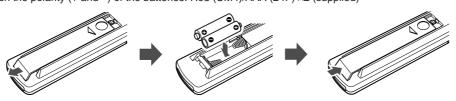
Pull the battery compartment cover toward you while pressing the sections marked by the arrows.

2 Insert six R20 (SUM-1)/D (13D)-size batteries. (not supplied)



3 Replace the battery compartment cover.

Inserting Batteries into the Remote Control Unit: Match the polarity (+ and -) of the batteries. R03 (UM4)/AAA (24F) ×2 (supplied)



Note: The battery power will be switched off when you plug the power cord into the \sim AC IN jack on the unit.

CAUTION:

To avoid battery leakage or explosion, handle batteries properly.

- If you are not going to use your system for a month or more, remove the batteries from the battery
- Dispose of batteries in the proper manner, according to federal, state, and local regulations. Do not mix with different battery types or with new and old ones, or do not attempt to charge a
- battery not intended to be recharged Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

SUPPRLYING AC POWER

Plug the power cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet. Note: To switch off the system completely, unplug the power cord.

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

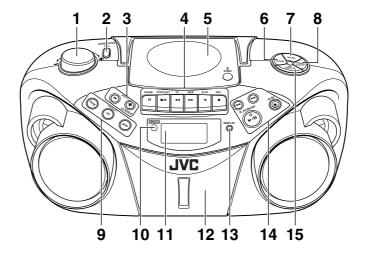
ANTENNAS

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

NAMES OF PARTS AND CONTROLS

Top and front sides:

Main unit



9 TAPE button

CD/RANDOM button

10 REMOTE SENSOR

11 Display window

13 DISPLAY button

STOP ■ button

12 Cassette deck

14 I◀◀ button

▶⊌ button

TUNER/BAND button

PLAY/PAUSE ▶/**II** button

15 HBS/PRESET EQ button

- 1 VOLUME knob
- 2 STANDBY/ON (b)/| button
- 3 PRESET button
- PRESET + / CD REPEAT button
- 4 Tape operation buttons PAUSE II button
- STOP/EJECT ■/▲ button FF **◄** button
- REW ▶► button
- PLAY **⋖** button REC ● button
- 5 CD door
- 6 FM MODE button
- 7 MUTING button
- 8 PROGRAM/CLOCK SET button

Names of buttons: Remote control unit

JVC

- 1 STANDBY/ON (b/l button
- 2 CD/RANDOM button TUNER/BAND button TAPE button
- 3 INTRO button 4 FM MODE button
- 5 PRESET + /CD REPEAT button PRESET - button
- 6 DISPLAY button
- 7 STOP button CD PLAY/PAUSE button **I**◀**■** button
- **▶**⊌ button
- 8 VOLUME + button
- VOLUME button 9 HBS/PRESET EQ button MUTING button

GENERAL CONTROLS

STANDBY/ON (1)/1 - Press to turn on/off the unit.

The display window lights up when the unit is turned on. (Note, however, that the display window does not light even when the unit is turned on if the unit is operated on batteries.)

SETTING THE CLOCK

- Press DISPLAY.
- The clock flashes on the display window.
- 2 Press and hold PROGRAM/CLOCK SET for more than 2 seconds The hour digits start flashing.



3 Press I◄◄ or ▶►I to adjust the hour, then press PROGRAM/CLOCK SET. The minute digits start flashing.



4 Press I◀◀ or ▶▶I adjust the minutes, then press PROGRAM/CLOCK SET.

- If there is a power failure, the clock loses the setting and is reset to "0:00." The clock indication will keep flashing until you set the clock again.
- You can also set the clock when the unit is in STANDBY mode. In this case, follow the procedures from

To show the clock when CD or tuner is selected.

Press DISPLAY.

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Each time you press the button, the display changes the clock indication and the normal indication alternately. (Operating the unit while clock indication is displayed changes the display to the normal indication.)

ADJUSTING THE SOUND

Turn the VOLUME knob (or press VOLUME + / - button on the remote control unit) to increase or decrease the volume to desired level. The volume level can be adjusted in 31 steps from "00" to "30".

· Turning off the sound temporarily

During playback, press MUTING to turn the sound off. The MUTING indicator appears in the display window. Press it again to restore the sound.

· Reinforcing the bass sound

Press and hold HBS/PRESET EQ so that the HBS indicator appears in the display window. You can enjoy powerful bass sound with the Hyper-Bass Sound effect.

· Selecting the sound mode

You can select one of the 5 preset sound modes.

Press HBS/PRESET EQ repeatedly until the indicator for the sound mode you want appears in the

CLASSIC: Enriched sound with fine treble and ample bass.

ROCK: Powerful sound emphasizing treble and bass.

POP: More presence in the vocals and midrange. JAZZ: Accented lower frequencies for jazz-type music.

FLAT: Equalizer effect is canceled.

USING THE RADIO

TUNING IN RADIO STATIONS

- 1 Press TUNER/BAND to enter the tuner mode.
- 2 Press TUNER/BAND to select the band, FM or AM.
- 3 Press and hold I◄◄ or ▶►I for more than 1 second.

The unit starts searching and stops when a station of sufficient signal strength is tuned in. If you press I◀◀ or ▶▶I briefly and repeatedly, the frequency changes step by step.

Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, press FM MODE so that the MONO indicator appears in the display window.

To restore the stereo effect, press FM MODE again so that the MONO indicator goes off. The MONO will be cancelled also when changing the station.

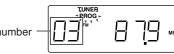
PRESETTING STATIONS

You can preset 10 FM and 10 AM stations.

- 1 Press TUNER/BAND to select the band, FM or AM. 2 Press ◄ or ▶ to tune in the station you want to preset.
- 3 Press PROGRAM/CLOCK SET.
- The PROG indicator starts blinking in the display window.



4 Press PRESET + /CD REPEAT or PRESET - to select the preset number while the PROG indicator is blinking.



5 Press PROGRAM/CLOCK SET while the PROG indicator is blinking.

The tuned station in step 2 is stored in the preset number selected in step 4. Storing a new station on a used number erases the previously stored one.

6 Repeat steps 2 to 5 to preset other stations, using different preset numbers.

Tuning in a preset station

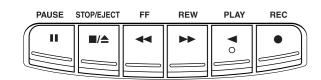
1 Press TUNER/BAND to select the band, FM or AM.

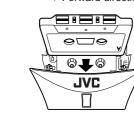
2 Press PRESET + /CD REPEAT or PRESET - repeatedly until the desired preset number appears.

- In some cases, test frequencies have been already memorized for the tuner since the factory examined the tuner preset function before shipment. This is not a malfunction. You can preset the stations you want into memory by following the presetting method.
- · If you unplug the AC power cord or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the stations again.

USING THE TAPE

←Forward direction





PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record mode.

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

FF ◀◀ – In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

REW ▶▶ – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

PLAY ◄ – Press to play cassettes.

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

PLAYING A CASSETTE TAPE

- 1. Press TAPE to enter the tape mode.
- 2. Press STOP/EJECT \blacksquare / \triangleq to open the cassette compartment door.
- 3. Load a cassete. Use only a type-I normal tape.
- 4. Close the door securely.
- 5. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it automatically stops.

Fast-winding a tape

Press REW ▶► or FF ◄◄.

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

RECORDING ON CASSETTE TAPES

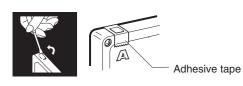
You can record from the radio or the CD player.

- · 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.
- . The recording level is automatically set correctly, so it is not affected by the other sound settings. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording
- If recordings you have made have excessive noise or static, the unit may be too close to a TV. Increase the distance between the TV and the unit
- You can only use type I tape for recording.
- . DO NOT turn off the unit while playing back or recording a tape. The cassette deck or tapes may be
- DO NOT use type II and type IV tapes since the unit is not compatible with such tapes.
- The use of C-120 or longer tape is not recommended, since characteristic deterioration may occur and this tape easily jams in the pinch rollers and the capstans.

To protect your recordings

Cassettes have two small tabs on the back to protect against unexpected erasure or re-recording. To protect your recording, remove these tabs.

To re-record on a protected tape, cover the holes with adhesive tape.



RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press TUNER/BAND and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ are locked down.
- 4. Press STOP/EJECT ■/▲ to stop recording.

When recording an AM broadcast

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



To temporarily pause the recording, press PAUSE II on the cassette deck. Press PAUSE II again to resume

SYNCHRONIZED RECORDING FROM A CD

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press CD/RANDOM.
- 3. Place a CD you want to record into CD compartment.
- 4. Select the track you want to record by pressing I◄◄ or ▶►I 5. Press REC • to start synchronized recording.

- When the tape reaches the end, the CD playback enters in pause. turn over the tape and press REC . To continue recording:
- To continue the CD playback: press PLAY/PAUSE ▶/II.
- To stop the CD playback: press STOP ■. When the CD playback stops, the cassette tape continues running.
- To stop the cassette tape, press STOP/EJECT ■/▲.

Using the PAUSE **II** button on the cassette deck instead of the STOP/EJECT **I**/♠ button to momentarily interrupt recording gives you a much clearer sound recording.

When recording on a pre-recorded tape, the previous recording is erased and only the new recording is heard next time the tape is played back.

Erasing a recording on a tape without making a new recording

- 1. Press TAPE to enter the tape mode.
- 2. Press REC to start recording.

USING THE CD

THINGS TO KNOW BEFORE PLAYING CDs

Playable CDs:

Only CDs bearing these marks can be used with this system.



This unit has been designed only to play back the following CDs.

- Digital audio CD
- Recordable digital audio CD (CD-R)
- Rewritable digital audio CD (CD-RW)

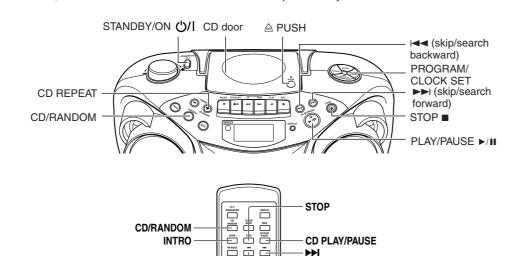
When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording on it.)

- You can play back CD-R or CD-RW like an audio CD.
- Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics, damage or stain on them, or if the player lens is dirty.
- . The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer
- CD-R and CD-RW of MP3 format cannot be played back.

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.



LOADING A CD

1. Press CD/RANDOM; "00 00:00" flashes, then "no disc" appears in the display if no CD is loaded.

JVC

- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks and total playing time appear
- 5. To remove the CD, press \triangleq PUSH, grasp the CD by its edges, and carefully pull it out.

PLAYING A CD

Press PLAY/PAUSE ▶/III to play all the tracks in order starting with track 1.

CD REPEAT

The current track number and elapsed playing time appear in the display. Note: Press PLAY/PAUSE ▶/II to temporarily stop the CD. The elapsed playing time flashes in the display. Press PLAY/PAUSE ▶/III again to resume playing the CD.

- · Adjust VOLUME to a comfortable level.
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press \(\text{\ti}\text{\texi\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texit{\text{\texi{\text{\text{\texi\texi{\text{\texite\tinte\texi{\texi{\texi{\texi{\texi{\texi{\texi\texi{\texi{\texit PUSH to open the CD door and remove the CD.

AUTOMATIC SEARCH

Automatic search quickly locates the beginning of any track on the CD, including the track currently playing. If the CD is playing:

- Press ◄ once to return to the beginning of the current track, press twice to return to the beginning of
- Press ►►I to skip to the beginning of the next track.

If the CD is stopped, repeatedly press ◄◄ or ►►I until the display shows the number of the track you want to play, then press PLAY/PAUSE ▶/III. The CD player starts playing the selected track.

- In play mode, press and hold ▶►I to move forward through a track at high speed.
- In play mode, press and hold I◄◄ to move backward through a track at high speed.

REPEAT

The CD REPEAT button repeats one track (REPEAT 1) or all tracks (REPEAT ALL). To scroll through the choices, continuously press and release CD REPEAT, and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes.

→ NORMAL → REPEAT ALL → REPEAT 1

RANDOM

In CD mode, press CD/RANDOM. The RANDOM indicator appears in the display and random playback

To quit random playback, press CD/RANDOM again.

PROGRAMMING

- 1 Press CD/RANDOM to enter CD mode.
- 2 Press PROGRAM/CLOCK SET in stop mode. The PROG indicator starts blinking in the display window.



3 Press I◄◄ or ▶►I to select a desired track to be programmed while the PROG indicator is blinking.



- 4 Press PROGRAM/CLOCK SET while the PROG indicator is blinking.
- 5 Repeat steps 3 and 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II while the PROG indicator is blinking. The tracks are played in the order you have programmed.

Stopping programmed playback

Press STOP ■. The PROG indicator goes off and the unit exits from programmed playback.

Checking the program contents

Before starting programmed playback, press PROGRAM/CLOCK SET. Each time you press the button, the programmed tracks are shown in the display window.

Adding tracks in the program

- 1 Press PROGRAM/CLOCK SET repeatedly until "00" appears as a track number. 2 Press I or ▶►I to select a new track number, then press PROGRAM/CLOCK SET.
- Editing the program

- 1 Press PROGRAM/CLOCK SET repeatedly until the program number you want to edit appears.
- 2 Press I◀◀ or ▶▶I to select a new track number, then press PROGRAM/CLOCK SET.

Erasing the entire program in the memory

Press PROGRAM/CLOCK SET so that the PROG indicator blinks, and press STOP ■ while the PROG indicator blinks

The stored program is also cleared when the CD door is opened.

You can program up to 20 tracks in any desired order. The 21st program will overwrite the program number

INTRO PLAYBACK

Every track or every programmed track of a CD can be played for the beginning ten seconds.

Press INTRO on the remote control unit. The INTRO indicator appears in the display window and intro playback starts. To use intro playback for programmed and random playback, press the button after starting

To quit intro playback, press INTRO again.

CARE AND MAINTENANCE

CLEANING THE EXTERIOR

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

HANDLING DISCS



- · Remove the disc from its case by holding it at the edge while pressing the
- center hole lightly. · Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use to prevent warping.



- · Be careful not to scratch the surface of the disc when placing it back in its
- · Avoid exposure to direct sunlight, temperature extremes, and moisture.



- Wipe the disc with a soft cloth in a straight line from center to edge.
- . DO NOT use any solvent-such as conventional record cleaner, spray, thinner, or benzine-to clean the disc.

HANDLING CASSETTE TAPES



- If the tape is loose in its cassette, take up the slack by inserting a pencil in one of
- the reels and rotating If the tape is loose, it may get stretched, cut, or caught in the cassette.



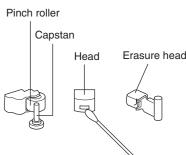
· Be careful not to touch the tape surface.



- Avoid storing tapes in any of the following places:
- In dusty places - In direct sunlight or heat
- In moist areas - On a TV or speaker
- Near a magnet

CLEANING THE TAPE HEADS

Clean the heads after every 10 hours of use with a wet-type head cleaning tape (available at electronic and audio shops).



To demagnetize the head

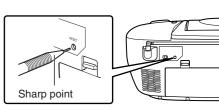
Turn off the unit, and use a head demagnetizer (available at electronic and audio shops).

TROUBLESHOOTING TIPS

Problem	Solution
System does not turn on.	 Make sure the power cord is securely plugged into the 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	Adjust the volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD does not play.	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.	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 system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

Resetting the unit

If "TROUBLESHOOTING TIPS" does not eliminate malfunctioning (failure to operate or display properly, etc.), press the RESET button on the rear of the unit with something having a sharp point, while the unit is turned on.



Resetting causes the unit to restore its factory default settings and results in all the settings made by the user being deleted.

SPECIFICATIONS

<u>Tuner</u>

CD player CD capacity : 1 CD : 60 dB Dynamic range Signal-to-noise ratio : 75 dB

Frequency ranges

Cassette deck section

: FM 87.5 - 108.0 MHz AM 522 - 1 629 kHz Antenna Telescopic antenna for FM Ferrite core antenna for AM

Frequency response Wow and flutter

Mass

Genera

: 9 cm cone × 2 (4 Ω) Speaker : 4 W (2 W + 2 W) at 4 Ω (10% THD) (IEC268-3) Power output : PHONES × 1 (Ø 3.5 mm, stereo) Output terminals

: 60 Hz - 10 000 Hz

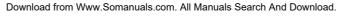
: 0.15% (WRMS)

: AC 230 V √, 50 Hz DC 9 V ("R20 (SUM-1)/D (13D)" × 6) Power consumption : 13 W (at operation), 3 W (on standby) 420 mm (W) × 178 mm (H) × 249 mm (D) Dimensions

Approx. 3.2 kg (without batteries) Accessories provided AC power cord × 1

Remote control unit × 1

Batteries for the remote control unit R03 (UM-4)/AAA (24F) × 2

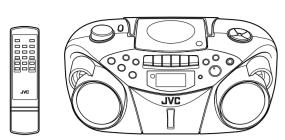






LVT1382-010A [E/EN]

RC-EX26B





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

0205NSMBICORI

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SAFETY PRECAUTIONS

Caution — (')/| STANDBY/ON switch!

Disconnect the mains plug to shut the power off completely. The (')/| STANDBY/ON switch in any position does not disconnect the mains line. The power can be remote controlled

- 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.

IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

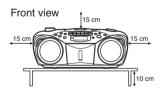
CAUTION -INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM. **VORSICHT!** UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN! **VARNING** -OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLIG ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

Caution: Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, 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.

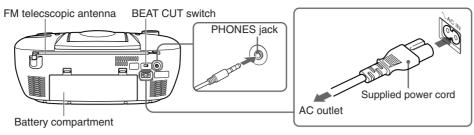
Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.





FIRST THINGS

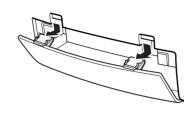
This portable system operates on battery or AC power.

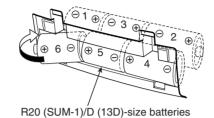


INSERTING BATTERIES

- 1 Open the battery compartment cover.
- Pull the battery compartment cover toward you while pressing the sections marked by the arrows.
- 2 Insert six R20 (SUM-1)/D (13D)-size batteries. (not supplied)

Be sure to insert the batteries with the (+) and (-) terminals positioned correctly.





3 Replace the battery compartment cover.

Inserting Batteries into the Remote Control Unit:

Match the polarity (+ and -) of the batteries. R03 (UM4)/AAA (24F) ×2 (supplied)



Note: The battery power will be switched off when you plug the power cord into the \sim AC IN jack on the unit.

CAUTION:

To avoid battery leakage or explosion, handle batteries properly.

- If you are not going to use your system for a month or more, remove the batteries from the battery
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Do not mix with different battery types or with new and old ones, or do not attempt to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

SUPPRLYING AC POWER

Plug the power cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet. Note: To switch off the system completely, unplug the power cord.

CAUTIONS:

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

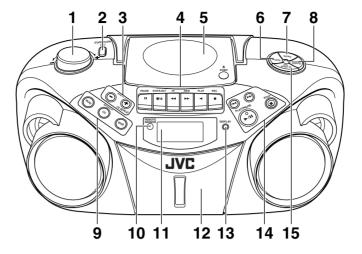
ANTENNAS

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.

NAMES OF PARTS AND CONTROLS

Top and front sides:

Main unit



9 TAPE button

CD/RANDOM button

10 REMOTE SENSOR

11 Display window

12 Cassette deck

13 DISPLAY button

14 I◀◀ button

▶▶I button

STOP ■ button

TUNER/BAND button

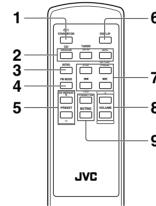
PLAY/PAUSE ▶/II button

15 HBS/PRESET EQ button

- 1 VOLUME knob
- 2 STANDBY/ON ()/| button 3 PRESET - button
- PRESET + / CD REPEAT button
- 4 Tape operation buttons PAUSE II button
- STOP/EJECT ■/▲ button
- FF **◄** button REW ▶► button
- PLAY **◄** button
- REC button 5 CD door
- 6 FM MODE button
- MUTING button
- 8 PROGRAM/CLOCK SET button

Names of buttons:

Remote control unit



- 1 STANDBY/ON (1)/| button
- 2 CD/RANDOM button TUNER/BAND button
- TAPE button 3 INTRO button
- 4 FM MODE button
- 5 PRESET + /CD REPEAT button PRESET - button
- 6 DISPLAY button
- 7 STOP button CD PLAY/PAUSE button
- **I**◀◀ button **▶**▶I button
- 8 VOLUME + button
- VOLUME button 9 HBS/PRESET EQ button MUTING button

GENERAL CONTROLS

STANDBY/ON (1)/| - Press to turn on/off the unit.

The display window lights up when the unit is turned on. (Note, however, that the display window does not light even when the unit is turned on if the unit is operated on batteries.)

SETTING THE CLOCK

- 1 Press DISPLAY
- The clock flashes on the display window.
- 2 Press and hold PROGRAM/CLOCK SET for more than 2 seconds. The hour digits start flashing.



3 Press I◄◄ or ▶►I to adjust the hour, then press PROGRAM/CLOCK SET. The minute digits start flashing.



4 Press I◀◀ or ▶►I adjust the minutes, then press PROGRAM/CLOCK SET.

- If there is a power failure, the clock loses the setting and is reset to "0:00." The clock indication will keep flashing until you set the clock again.
- · You can also set the clock when the unit is in STANDBY mode. In this case, follow the procedures from

To show the clock when CD or tuner is selected.

Press DISPLAY.

Download from Www.Somanuals.com. All Manuals Search And Download.

Each time you press the button, the display changes the clock indication and the normal indication alternately. (Operating the unit while clock indication is displayed changes the display to the normal indication.)

ADJUSTING THE SOUND

Turn the VOLUME knob (or press VOLUME + / – button on the remote control unit) to increase or decrease the volume to desired level. The volume level can be adjusted in 31 steps from "00" to "30".

· Turning off the sound temporarily

During playback, press MUTING to turn the sound off. The MUTING indicator appears in the display window. Press it again to restore the sound.

· Reinforcing the bass sound

Press and hold HBS/PRESET EQ so that the HBS indicator appears in the display window. You can enjoy powerful bass sound with the Hyper-Bass Sound effect.

· Selecting the sound mode

You can select one of the 5 preset sound modes.

Press HBS/PRESET EQ repeatedly until the indicator for the sound mode you want appears in the display window.

CLASSIC: Enriched sound with fine treble and ample bass.

ROCK: Powerful sound emphasizing treble and bass.

POP: More presence in the vocals and midrange. JAZZ: Accented lower frequencies for jazz-type music.

FLAT: Equalizer effect is canceled.

USING THE RADIO

TUNING IN RADIO STATIONS

- 1 Press TUNER/BAND to enter the tuner mode.
- 2 Press TUNER/BAND to select the band, FM or AM.

3 Press and hold I◄◄ or ▶▶I for more than 1 second. The unit starts searching and stops when a station of sufficient signal strength is tuned in.

If you press I◄◄ or ▶▶I briefly and repeatedly, the frequency changes step by step.

Changing the FM reception mode

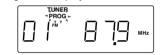
When an FM stereo broadcast is hard to receive or noisy, press FM MODE so that the MONO indicator appears in the display window.

To restore the stereo effect, press FM MODE again so that the MONO indicator goes off. The MONO will be cancelled also when changing the station.

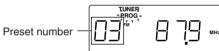
PRESETTING STATIONS

You can preset 10 FM and 10 AM stations.

- 1 Press TUNER/BAND to select the band, FM or AM.
- 2 Press I or ▶►I to tune in the station you want to preset.
- 3 Press PROGRAM/CLOCK SET. The PROG indicator starts blinking in the display window.



4 Press PRESET + /CD REPEAT or PRESET - to select the preset number while the PROG indicator is blinking.



- 5 Press PROGRAM/CLOCK SET while the PROG indicator is blinking. The tuned station in step 2 is stored in the preset number selected in step 4. Storing a new station on a
- used number erases the previously stored one. 6 Repeat steps 2 to 5 to preset other stations, using different preset numbers.

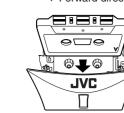
- Tuning in a preset station 1 Press TUNER/BAND to select the band, FM or AM.
- 2 Press PRESET + /CD REPEAT or PRESET repeatedly until the desired preset number appears.

- . In some cases, test frequencies have been already memorized for the tuner since the factory examined the tuner preset function before shipment. This is not a malfunction. You can preset the stations you want into memory by following the presetting method.
- If you unplug the AC power cord or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the stations again.

USING THE TAPE

←Forward direction





PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape

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

FF ◀◀ – In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

REW ▶► - In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

PLAY ◄ – Press to play cassettes.

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

PLAYING A CASSETTE TAPE

- 1. Press TAPE to enter the tape mode.
- 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- 3. Load a cassete. Use only a type-I normal tape.
- 4. Close the door securely
- 5. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it automatically stops.

Fast-winding a tape

Press REW ▶▶ or FF ◄◄.

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

RECORDING ON CASSETTE TAPES

You can record from the radio or the CD player.

- · It may be unlawful to record or play back copyrighted material without the consent of the copyright
- The recording level is automatically set correctly, so it is not affected by the other sound settings. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording
- If recordings you have made have excessive noise or static, the unit may be too close to a TV. Increase the distance between the TV and the unit.
- · You can only use type I tape for recording.
- . DO NOT turn off the unit while playing back or recording a tape. The cassette deck or tapes may be damaged.
- DO NOT use type II and type IV tapes since the unit is not compatible with such tapes.
- The use of C-120 or longer tape is not recommended, since characteristic deterioration may occur and this tape easily jams in the pinch rollers and the capstans.

To protect your recordings

Cassettes have two small tabs on the back to protect against unexpected erasure or re-recording.

To protect your recording, remove these tabs.

To re-record on a protected tape, cover the holes with adhesive tape.



RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press TUNER/BAND and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ are locked down.
- 4. Press STOP/EJECT ■/▲ to stop recording.

When recording an AM broadcast

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



- SYNCHRONIZED RECORDING FROM A CD 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press CD/RANDOM.
- 3. Place a CD you want to record into CD compartment.
- 4. Select the track you want to record by pressing I◄◄ or ▶►I.
- 5. Press REC to start synchronized recording.

• When the tape reaches the end, the CD playback enters in pause.

turn over the tape and press REC . To continue recording: press PLAY/PAUSE ►/II. To continue the CD playback:

To stop the CD playback:

press STOP ■. • When the CD playback stops, the cassette tape continues running.

To stop the cassette tape, press STOP/EJECT ■/▲.

Using the PAUSE **II** button on the cassette deck instead of the STOP/EJECT **I**/**≜** button to momentarily interrupt recording gives you a much clearer sound recording.

To temporarily pause the recording, press PAUSE II on the cassette deck, Press PAUSE II again to resume

When recording on a pre-recorded tape, the previous recording is erased and only the new recording is heard next time the tape is played back.

Erasing a recording on a tape without making a new recording

- 1. Press TAPE to enter the tape mode.
- 2 . Press REC to start recording.

USING THE CD

THINGS TO KNOW BEFORE PLAYING CDs

Plavable CDs:

Only CDs bearing these marks can be used with this system.



This unit has been designed only to play back the following CDs. Digital audio CD

- Recordable digital audio CD (CD-R) Rewritable digital audio CD (CD-RW)

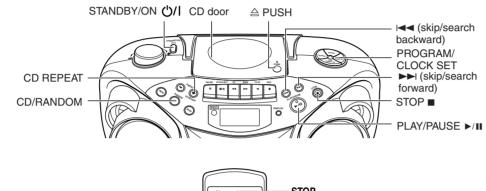
When playing a CD-R or CD-RW You can play back finalized CD-R or CD-RW recorded in music CD format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording on it.)

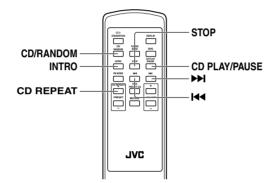
- You can play back CD-R or CD-RW like an audio CD.
- Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics,
- damage or stain on them, or if the player lens is dirty.

 The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer
- CD-R and CD-RW of MP3 format cannot be played back.

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.





LOADING A CD

- 1. Press CD/RANDOM; "00 00:00" flashes, then "no disc" appears in the display if no CD is loaded.
- 2. Press \triangleq PUSH to open the CD door.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks and total playing time appear.

PLAYING A CD

Press PLAY/PAUSE ▶/III to play all the tracks in order starting with track 1.

The current track number and elapsed playing time appear in the display.

Note: Press PLAY/PAUSE ▶/II to temporarily stop the CD. The elapsed playing time flashes in the display. Press PLAY/PAUSE ▶/II again to resume playing the CD.

- Adjust VOLUME to a comfortable level.
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press ≜ PUSH to open the CD door and remove the CD.

AUTOMATIC SEARCH

Automatic search quickly locates the beginning of any track on the CD, including the track currently playing. If the CD is playing:

- Press I◄◄ once to return to the beginning of the current track, press twice to return to the beginning of the previous track.
- Press ►►I to skip to the beginning of the next track.

If the CD is stopped, repeatedly press I◄◄ or ▶►I until the display shows the number of the track you want to play, then press PLAY/PAUSE ▶/III. The CD player starts playing the selected track.

TRACK SEARCH

- In play mode, press and hold ▶►I to move forward through a track at high speed.
- In play mode, press and hold I◄◄ to move backward through a track at high speed.

REPEAT

The CD REPEAT button repeats one track (REPEAT 1) or all tracks (REPEAT ALL). To scroll through the choices, continuously press and release CD REPEAT, and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes.

→ NORMAL → REPEAT ALL → REPEAT 1 →

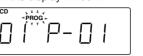
RANDOM

In CD mode, press CD/RANDOM. The RANDOM indicator appears in the display and random playback

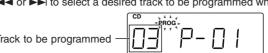
To guit random playback, press CD/RANDOM again.

PROGRAMMING

- 1 Press CD/RANDOM to enter CD mode.
- 2 Press PROGRAM/CLOCK SET in stop mode.
- The PROG indicator starts blinking in the display window.



3 Press I◄◄ or ▶►I to select a desired track to be programmed while the PROG indicator is blinking.



- 4 Press PROGRAM/CLOCK SET while the PROG indicator is blinking.
- 5 Repeat steps 3 and 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II while the PROG indicator is blinking. The tracks are played in the order you have programmed.

Press STOP ■. The PROG indicator goes off and the unit exits from programmed playback.

Before starting programmed playback, press PROGRAM/CLOCK SET.

Each time you press the button, the programmed tracks are shown in the display window.

Adding tracks in the program

- 1 Press PROGRAM/CLOCK SET repeatedly until "00" appears as a track number. 2 Press I or ▶►I to select a new track number, then press PROGRAM/CLOCK SET.

1 Press PROGRAM/CLOCK SET repeatedly until the program number you want to edit appears.

2 Press I◀◀ or ▶▶I to select a new track number, then press PROGRAM/CLOCK SET. Erasing the entire program in the memory

Press PROGRAM/CLOCK SET so that the PROG indicator blinks, and press STOP ■ while the PROG

indicator blinks. The stored program is also cleared when the CD door is opened.

You can program up to 20 tracks in any desired order. The 21st program will overwrite the program number

INTRO PLAYBACK Every track or every programmed track of a CD can be played for the beginning ten seconds.

Press INTRO on the remote control unit. The INTRO indicator appears in the display window and intro playback starts. To use intro playback for programmed and random playback, press the button after starting

To quit intro playback, press INTRO again.

CARE AND MAINTENANCE

CLEANING THE EXTERIOR

• Disconnect the system from AC power before cleaning the exterior of the unit with a soft dry cloth.

HANDLING DISCS



- · Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- · Put the disc back in its case after use to prevent warping.



- Be careful not to scratch the surface of the disc when placing it back in its
- · Avoid exposure to direct sunlight, temperature extremes, and moisture.



To clean the disc

- Wipe the disc with a soft cloth in a straight line from center to edge.
- . DO NOT use any solvent-such as conventional record cleaner, spray, thinner. or benzine-to clean the disc.

HANDLING CASSETTE TAPES



- If the tape is loose in its cassette, take up the slack by inserting a pencil in one of
- If the tape is loose, it may get stretched, cut, or caught in the cassette.



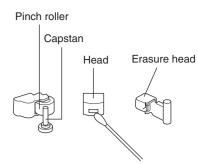
· Be careful not to touch the tape surface.



- Avoid storing tapes in any of the following places:
- In dusty places - In direct sunlight or heat
- In moist areas - On a TV or speaker
- Near a magnet

CLEANING THE TAPE HEADS

Clean the heads after every 10 hours of use with a wet-type head cleaning tape (available at electronic and audio shops).



To demagnetize the head

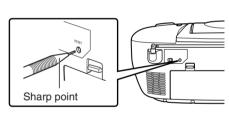
Turn off the unit, and use a head demagnetizer (available at electronic and audio shops).

TROUBLESHOOTING TIPS

Problem	Solution
System does not turn on.	 Make sure the power cord is securely plugged into the 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	Adjust the volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD does not play.	 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.	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 system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

Resetting the unit

If "TROUBLESHOOTING TIPS" does not eliminate malfunctioning (failure to operate or display properly, etc.), press the RESET button on the rear of the unit with something having a sharp point, while the unit is



Resetting causes the unit to restore its factory default settings and results in all the settings made by the

SPECIFICATIONS

CD player CD capacity : 1 CD Dynamic range : 60 dB Signal-to-noise ratio : 75 dB

Tuner

Cassette deck section

Frequency ranges : FM 87.5 - 108.0 MHz : AM 522 - 1 629 kHz Telescopic antenna for FM Ferrite core antenna for AM

Frequency response Wow and flutter

Dimensions

Mass

Genera : 9 cm cone \times 2 (4 Ω)

: 4 W (2 W + 2 W) at 4 Ω (10% THD) (IEC268-3) Power output Output terminals : PHONES × 1 (Ø 3.5 mm, stereo)

: 60 Hz - 10 000 Hz

420 mm (W) \times 178 mm (H) \times 249 mm (D)

Batteries for the remote control unit R03 (UM-4)/AAA (24F) × 2

Remote control unit × 1

: 0.15% (WRMS)

Power supply AC 230 V \, 50 Hz DC 9 V ("R20 (SUM-1)/D (13D)" × 6) Power consumption : 13 W (at operation), 3 W (on standby)

Approx. 3.2 kg (without batteries) Accessories provided AC power cord \times 1

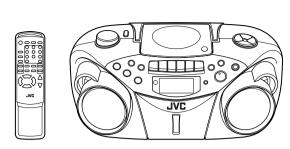






LVT1385-007A [B]

RC-EX36S







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

0205NSMBICORI

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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:

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 — ()/| STANDBY/ON switch!

Disconnect the mains plug to shut the power off completely. The U/I STANDBY/ON switch in any position does not disconnect the mains line. The power can be remote controlled.

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
- IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG IBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH Spärr är urkopplad strålen är farlig. VARNING -USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

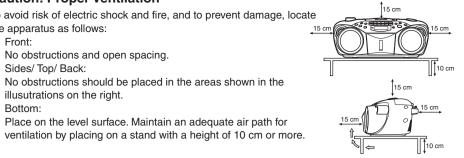
CAUTION

- 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
- 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: Proper Ventilation

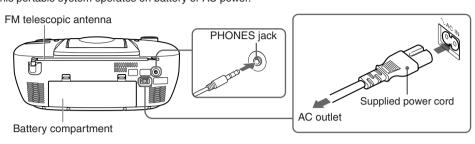
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

- No obstructions and open spacing 2 Sides/Top/Back:
- No obstructions should be placed in the areas shown in the illusutrations on the right.
- Bottom Place on the level surface. Maintain an adequate air path for



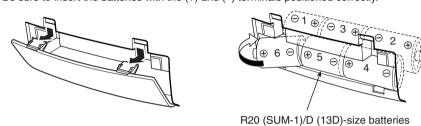
FIRST THINGS

This portable system operates on battery or AC power.



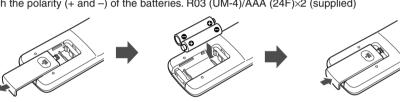
INSERTING BATTERIES

- 1 Open the battery compartment cover.
- Pull the battery compartment cover toward you while pressing the sections marked by the arrows.
- 2 Insert six R20 (SUM-1)/D (13D)-size batteries. (not supplied) Be sure to insert the batteries with the (+) and (-) terminals positioned correctly.



3 Replace the battery compartment cover.

Inserting Batteries into the Remote Control Unit: Match the polarity (+ and –) of the batteries. R03 (UM-4)/AAA (24F)×2 (supplied)



Note: The battery power will be switched off when you plug the power cord into the \sim AC IN jack on the unit.

CAUTION:

To avoid battery leakage or explosion, handle batteries properly.

- If you are not going to use your system 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 different battery types or with new and old ones, or do not attempt to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

SUPPRLYING AC POWER

Plug the power cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet. Note: To switch off the system completely, unplug the power cord.

- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. 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.

USING HEADPHONES

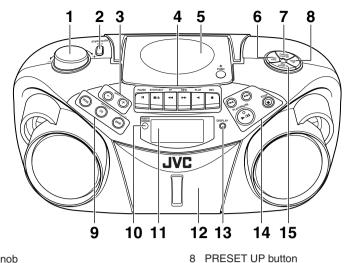
Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

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.

NAMES OF PARTS AND CONTROLS

Top and front sides: Main unit



- 1 VOLUME knob
- 2 STANDBY/ON 🖰/I button 3 GROUP - button
- GROUP + button
- 4 Tape operation buttons PAUSE II button STOP/EJECT ■/▲ button FF ◀◀ button REW ▶▶ buttor
- PLAY **⋖** button REC ● button
- 5 CD door 6 PRESET DOWN button
- 7 PROGRAM/CLOCK SET button

Names of buttons: Remote control unit



- 11 Display window 12 Cassette deck
- 13 DISPLAY button 14 I◀◀ button
- **▶**⊌ button PLAY/PAUSE ▶/**II** button STOP ■ button

15 HBS/PRESET EQ button

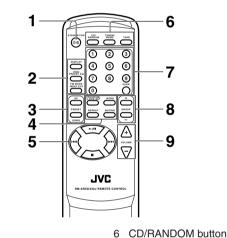
TUNER/BAND button

TAPE button

7 Number buttons

8 GROUP +/- buttons

9 VOLUME +/- buttons



- 1 STANDBY/ON ()/| button
- 2 DISPLAY button HBS/PRESET EQ button
- FM MODE/BEAT CUT button 3 PRESET UP/DOWN buttons 4 PROGRAM/CLOCK SET button
- INTRO button REPEAT button MUTING button
- 5 ►/II button **I**◄ button
- **▶**►I button button

GENERAL CONTROLS

STANDBY/ON (b)/I - Press to turn on/off the unit.

The display window lights up when the unit is turned on. (Note, however, that the display window does not light even when the unit is turned on if the unit is operated on batteries.)

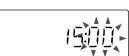
SETTING THE CLOCK

Before operating the unit any further, first set the clock built in this unit. The clock uses 24-hour indication.

- 1 Press STANDBY/ON (')/| to turn off the unit, if it is turned on.
- 2 Press and hold PROGRAM/CLOCK SET for more than 2 seconds. The hour digits start flashing.



3 Press (◄◄ or ►►) to adjust the hour, then press PROGRAM/CLOCK SET. The minute digits start flashing.



4 Press ← or ► to adjust the minutes, then press PROGRAM/CLOCK SET.

- If there is a power failure, the clock loses the setting and is reset to "0:00." The clock indication will keep flashing until you set the clock again.
- You can also set the clock when the unit is in STANDBY mode. In this case, follow the procedures from step 2.

To show the clock when the unit is on.

Press DISPLAY.

Each time you press the button, the display changes the clock indication and the normal indication alternately. (Operating the unit while clock indication is displayed changes the display to the normal indication.)

ADJUSTING THE SOUND

Turn the VOLUME knob (or press VOLUME +/- button on the remote control unit) to increase or decrease the volume to desired level. The volume level can be adjusted in 31 steps from "MIN" to "MAX".

. Turning off the sound temporarily

During playback, press MUTING on the remote control unit to turn the sound off. The MUTING indicator appears in the display window. Press it again to restore the sound.

· Reinforcing the bass sound

Press and hold HBS/PRESET EQ so that the HBS indicator appears in the display window. You can enjoy powerful bass sound with the Hyper-Bass Sound effect.

· Selecting the sound mode

You can select one of the 5 preset sound modes.

Press HBS/PRESET EQ repeatedly until the indicator for the sound mode you want appears in the display window.

CLASSIC: Enriched sound with fine treble and ample bass. ROCK: Powerful sound emphasizing treble and bass.

POP: More presence in the vocals and midrange.

JAZZ: Accented lower frequencies for jazz-type music.

FLAT: Equalizer effect is canceled.

USING THE RADIO

TUNING IN RADIO STATIONS

- 1 Press TUNER/BAND to enter the tuner mode.
- 2 Press TUNER/BAND to select the band, FM or AM. 3 Press and hold I◄◄ or ▶►I for more than 1 second.

The unit starts searching and stops when a station of sufficient signal strength is tuned in.

If you press I◄◄ or ►►I briefly and repeatedly, the frequency changes step by step.

Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, press FM MODE/BEAT CUT on the remote control unit so that the MONO indicator appears in the display window.

To restore the stereo effect, press FM MODE/BEAT CUT again so that the MONO indicator goes off. The FM MODE will be changed to STEREO also when changing the station

PRESETTING STATIONS

You can preset 20 FM and 10 AM stations.

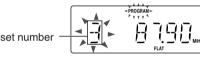
- 1 Press TUNER/BAND to select the band, FM or AM.
- 2 Press ◄ or ▶►I to tune in the station you want to preset. 3 Press PROGRAM/CLOCK SET.

The PROGRAM indicator and the preset number start blinking in the display window.



4 Press PRESET UP or PRESET DOWN to select the preset number while the PROGRAM indicator is

You can use the number buttons on the remote control unit to select the preset number directly. Example: To select preset number 5, press 5. To select preset number 15, press OVER. 1, then 5. To select preset number 20, press OVER, 2, then 0.



5 Press PROGRAM/CLOCK SET while the PROGRAM indicator is blinking.

The tuned station in step 2 is stored in the preset number selected in step 4. Storing a new station on a used number erases the previously stored one. When the PROGRAM indicator stops blinking, the tuned station is stored in the preset number without

pressing PROGRAM/CLOCK SET. If you use the number buttons to select the preset number in step 4, pressing PROGRAM/CLOCK SET

is not necessary in this step 6 Repeat steps 2 to 5 to preset other stations, using different preset numbers.

- Tuning in a preset station 1 Press TUNER/BAND to select the band, FM or AM.
- 2 Press PRESET UP or PRESET DOWN repeatedly until the desired preset number appears. You can use the number buttons on the remote control unit to select the preset number directly. Example

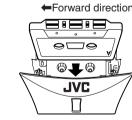
To select preset number 5, press 5. To select preset number 15, press OVER, 1, then 5

To select preset number 20, press OVER, 2, then 0.

If you unplug the AC power cord or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the stations again

USING THE TAPE

PAUSE STOP/EJECT FF REW PLAY



PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record mode.

STOP/EJECT ■/▲ - Press to stop the current tape activity, or to open the cassette compartment door when no buttons are active FF ◀ - In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **REW** ►► – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end, press STOP/EJECT ■/▲ to release the depressed button.)

PLAY ◄ – Press to play cassettes.

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

PLAYING A CASSETTE TAPE

- 1. Press TAPE to enter the tape mode. 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- 3. Load a cassete. Use only a type-I normal tape.
- 5. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side,

4. Close the door securely.

then it automatically stops.

Fast-winding a tape Press REW ▶▶ or FF ◄◄.

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

RECORDING ON CASSETTE TAPES

You can record from the radio or the CD player.

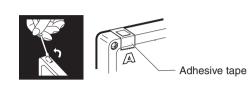
- · It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or
- cable program and in any literary, dramatic, musical, or artistic work embodied therein. · The recording level is automatically set correctly, so it is not affected by the other sound settings. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording
- · If recordings you have made have excessive noise or static, the unit may be too close to a TV. Increase the distance between the TV and the unit.
- You can only use type I tape for recording.
- DO NOT turn off the unit while playing back or recording a tape. The cassette deck or tapes may be damaged.
- DO NOT use type II and type IV tapes since the unit is not compatible with such tapes.
- The use of C-120 or longer tape is not recommended, since characteristic deterioration may occur and this tape easily jams in the pinch rollers and the capstans.

To protect your recordings

Cassettes have two small tabs on the back to protect against unexpected erasure or re-recording.

To protect your recording, remove these tabs.

To re-record on a protected tape, cover the holes with adhesive tape.



RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press TUNER/BAND and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ are locked down.
- 4. Press STOP/EJECT ■/▲ to stop recording.

Using the beat-cut function

When recording an AM broadcast, beats may occur. If this happens while recording an AM broadcast, press FM MODE/BEAT CUT on the remote control unit to select the better beat-cut setting, "CUT-1" or "CUT-2".

To temporarily pause the recording, press PAUSE **■** on the cassette deck. Press PAUSE **■** again to resume

SYNCHRONIZED RECORDING FROM A CD

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press CD/RANDOM.
- 3. Place a CD you want to record into CD compartment.
- 4. Select the track you want to record by pressing I◄◄ or ▶►I.
- 5. Press REC to start synchronized recording.

· When the tape reaches the end, the CD playback enters in pause.

turn over the tape and press REC ●. To continue recording: To continue the CD playback: press PLAY/PAUSE ►/II.

To stop the CD playback: press STOP ■.

To stop the cassette tape, press STOP/EJECT ■/▲.

When the CD playback stops, the cassette tape continues running.

Using the PAUSE **II** button on the cassette deck instead of the STOP/EJECT **I**/♠ button to momentarily interrupt recording gives you a much clearer sound recording.

ERASING

When recording on a pre-recorded tape, the previous recording is erased and only the new recording is heard next time the tape is played back.

Erasing a recording on a tape without making a new recording

- 1. Press TAPE to enter the tape mode.
- 2 . Press REC to start recording.

USING THE CD

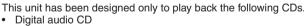
THINGS TO KNOW BEFORE PLAYING CDs

Playable CDs:

Only CDs bearing these marks can be used with this system.







- Recordable digital audio CD (CD-R)
- Rewritable digital audio CD (CD-RW) When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format or in MP3 format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording

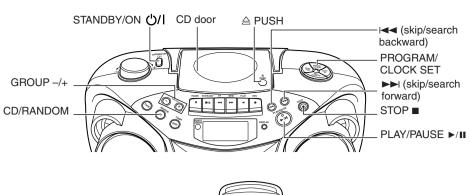
- on it.) • You can play back CD-R or CD-RW like an audio CD.
- Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics. damage or stain on them, or if the player lens is dirty.
- The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time to read.

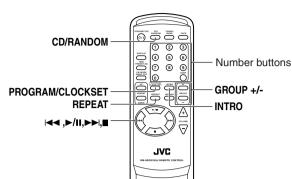
Notes for MP3 files

- The unit can only recognize files with "MP3" or "mp3" as the extensions, which can be in any
- combination of upper and lower cases. The file name needs to be up to 20 characters. This unit recognizes files and folders on a disc in the following conditions:
- up to 999 MP3 files,
- up to 99 folders (including the root folder)
- up to 8th layers (including the root folder)
- Note that the number of the folders or layers mentioned above may increase and can be played back depending on the contents recorded on the disc.
- It is recommended that you record your material at a 44.1-kHz sampling rate, using the 128-kbps data
- · Some MP3 files or discs may not be played back because of their characteristics or recording · MP3 discs require a longer readout time than normal discs because of the complexity of the folder/file
- MP3i and MP3 Pro are not available.
- The title, artist name and album name can be displayed as the ID3 TAG (ID3v1/1.1) information.

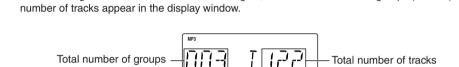
Caution for DualDisc playback

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.





- 1. Press CD/RANDOM; "READING" appears, then "NO DISC" appears in the display if no CD is loaded.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks and total playing time appear.
- 5. To remove the CD, press \triangleq PUSH, grasp the CD by its edges, and carefully pull it out. 6. When loading an MP3 disc, the MP3 indicator lights, and the total number of groups (albums) and total



PLAYING A CD

Press PLAY/PAUSE ▶/III to play all the tracks in order starting with track 1.

The current track number and elapsed playing time appear in the display.

- · When an MP3 disc is loaded, after the current track number and elapsed playing time are displayed for 5 seconds, the ID3 TAG information (title, artist name and album name) scrolls through the display window once, if the MP3 disc has ID3 TAG information. For displaying the disc information, see "Displaying
- When an MP3 disc is loaded, it may take more than 30 seconds to be read, depending on the amount of information compiled in the disc

- Press PLAY/PAUSE ▶/III to temporarily stop the CD. The track number and elapsed playing time flash
- in the display. Press PLAY/PAUSE ▶/**II** again to resume playing the CD.
- Adjust VOLUME to a comfortable level. • Press STOP ■ to stop playing the CD. Wait a few seconds for the CD to stop turning, then press
- • "NO DISC" may appear when the disc is loaded upside down. Reload the disc correctly.

Skipping

- To skip back to the previous track
- During playback, press I◄◄ once to return to the beginning of the current track, press twice to skip back
- to the beginning of the previous track.
- To skip to the next track
- During playback, press ▶►I to skip to the beginning of the next track.

Selecting a desired track directly

Use the number buttons on the remote control unit.

In case of an audio CD: Example:

To select track 8, press 8.

To select track 21, press OVER, 2, then 1.

Playback starts from the specified track.

In case of an MP3 disc: Example

To select track 8, press 8.

To select track 21, press OVER, 0, 2, then 1.

To select track 115, press OVER, 1, 1, then 5.

Search – locating a desired position on the disc (audio CD only)

Press and hold I◄◄ or ▶►I during playback. Monitor the sound and release the button when the desired position is located.

- Selecting a desired group (album) and track (MP3 disc only) 1 In stop mode, press GROUP + or GROUP - repeatedly until the desired group (album) number is
- 2 Press I or ▶► to select a desired track from the current group (album).
- 3 Press PLAY/PAUSE ►/II to start playback.

During playback, if you press GROUP + or GROUP -, playback skips to the first track of the next or previous group (album), and the track number is shown in the display window.

Checking the remaining time (audio CD only)

Press and hold DISPLAY (on either the main unit or the remote control unit) for more than 1 second during playback.

Track number being played and elapsed playing time.

Each time you press and hold the button, the display changes in the following order:

Track number being played and remaining time of the disc ("TOTAL" and "REMAIN" appear.)

Track number being played and remaining time of the track ("TRACK" and "REMAIN" appear.)

Displaying the disc information (MP3 disc only)

When you press I◄◄ or ▶►I to select a track, the group (album) number and group name\file name scroll through the display window, and then the current group (album) number and track number are displayed

During playback:

When you press and hold DISPLAY for more than 1 second, the title, artist name and album name* scroll through the display window once, and then the track number being played and elapsed playing time are

* If the track has no text information, "NO INFO" appears instead.

The REPEAT button repeats one track (REPEAT 1) or all tracks (REPEAT ALL). To scroll through the choices, continuously press and release REPEAT, and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes.

►NORMAL → REPEAT ALL → REPEAT 1 (For audio CD) NORMAL → REPEAT ALL → REPEAT GROUP → REPEAT 1— (For MP3 disc)

RANDOM

REPEAT

In CD mode, press CD/RANDOM so that "RANDOM" appears in the display and random playback starts. To quit random play, press CD/RANDOM again.

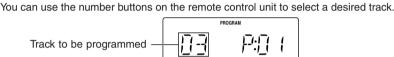
PROGRAMMING

- 1 Press CD/RANDOM to enter CD mode, if the unit is in TUNER or TAPE mode. You can press CD/RANDOM on the remote control unit to enter CD mode.
- 2 Press PROGRAM/CLOCK SET in stop mode.

The PROGRAM indicator appears in the display window.



3 Press I or ►►I to select a desired track to be programmed.



- 4 Press PROGRAM/CLOCK SET.
- 5 Repeat steps 3 and 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II.

The tracks are played in the order you have programmed. Stopping programmed playback

Press STOP ■. Checking the program contents

Before starting programmed playback, press PROGRAM/CLOCK SET when "PROGRAM" is displayed. Each time you press the button, the programmed tracks are shown in the display window.

Adding tracks in the program

2 Press I◄◄ or ▶►I (or the number buttons on the remote control unit) to select a new track number, then press PROGRAM/CLOCK SET.

1 Press PROGRAM/CLOCK SET repeatedly until "00" appears as a track number.

Editing the program 1 Press PROGRAM/CLOCK SET repeatedly until the program number you want to edit appears. 2 Press I◄◄ or ▶►I (or the number buttons on the remote control unit) to select a new track number, then

press PROGRAM/CLOCK SET.

Erasing the entire program in the memory Press PROGRAM/CLOCK SET so that the "PROGRAM" appears, and press STOP ■ while the

"PROGRAM" is displayed. The program is also cleared when you open the CD door, turn off the unit or change to other audio sources.

You cannot program more than 40 tracks.

"-- FULL --" is displayed.

- For MP3 disc:
- 1 Press PROGRAM/CLOCK SET in stop mode. The PROGRAM indicator appears in the display window.
- 2 Press GROUP + or GROUP to select a desired group (album).
- The first track number in the selected group (album) is shown. 3 Press ◄ or ► to select a desired track in the group (album).
- You can use the number buttons on the remote control unit to select a desired track.
- 4 Press PROGRAM/CLOCK SET.
- 5 Repeat steps 2 to 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II. The tracks are played in the order you have programmed.

Every track or every programmed track of a CD (excluding the CD of MP3 format) can be played for the beginning ten seconds.

Press INTRO on the remote control unit. The INTRO indicator appears in the display window and intro playback starts.

CARE AND MAINTENANCE

CLEANING THE EXTERIOR

• Disconnect the system from AC power before cleaning the exterior of the unit with a soft dry cloth.

HANDLING DISCS



· Remove the disc from its case by holding it at the edge while pressing the center

• Be careful not to scratch the surface of the disc when placing it back in its case.

• Avoid exposure to direct sunlight, temperature extremes, and moisture.

- Do not touch the shiny surface of the disc, or bend the disc. • Put the disc back in its case after use to prevent warping.
- To clean the disc
- Wipe the disc with a soft cloth in a straight line from center to edge.
- DO NOT use any solvent such as conventional record cleaner, spray, thinner, or benzine - to clean the disc.

HANDLING CASSETTE TAPES



- If the tape is loose in its cassette, take up the slack by inserting a pencil in one of the reels
- If the tape is loose, it may get stretched, cut, or caught in the cassette.



• Be careful not to touch the tape surface.



- Avoid storing tapes in any of the following places:
- In direct sunlight or heat
- In moist areas
- On a TV or speaker
- Near a magnet

CLEANING THE TAPE HEADS

Clean the heads after every 10 hours of use with a wet-type head cleaning tape (available at electronic and



To demagnetize the head

Turn off the unit, and use a head demagnetizer (available at electronic and audio shops).

TROUBLESHOOTING TIPS

Problem	Solution
System does not turn on.	 Make sure the power cord is securely plugged into the 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	Adjust the volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	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 fluorrescent lights.
CD does not play.	 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.	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 system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

SPECIFICATIONS

CD player : 1 CD CD capacity Dynamic range : 60 dB Signal-to-noise ratio : 75 dB

Tuner

: FM 87.5 - 108.0 MHz Frequency ranges AM 530 - 1 710 kHz Telescopic antenna for FM Antenna

Cassette deck section

Power consumption

Dimensions

Mass

Frequency response : 60 Hz - 10 000 Hz : 0.15% (WRMS) Wow and flutter

General Speaker : 9 cm cone \times 2 (4 Ω)

Power output : 4 W (2 W + 2 W) at 4 Ω (10% THD) (IEC268-3) PHONES × 1 (Ø 3.5 mm, stereo) Output terminals AC 230 V \sim , 50 Hz Power supply

Approx. 3.4 kg (without batteries) Accessories provided AC power cord \times 1

Remote control unit × 1

DC 9 V ("R20 (SUM-1)/D (13D)" × 6)

18 W (at operation), 3 W (on standby)

420 mm (W) × 178 mm (H) × 249 mm (D)

Batteries for the remote control unit R03 (UM-4)/AAA (24F) $\times\,2$

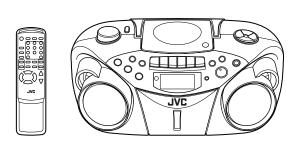
Ferrite core antenna for AM







RC-EX36S





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

LVT1385-008A [E/EN]

0205NSMBICORI EN ©2005 Victor Company of Japan, Limited

SAFETY PRECAUTIONS

Caution — ()/| STANDBY/ON switch!

Disconnect the mains plug to shut the power off completely. The \(\frac{\to}{I}\) STANDBY/ON switch in any position does not disconnect the mains line. The power can be remote controlled.

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

IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT
- 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM. VORSICHT UNSICHTBARE LASERSTRAHLUNG TRITT AUS. WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN! **VARNING** -OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH PÄRR ÄR URKOPPLAD STRÅLEN ÄR FARLIG. USYNLIG LASERSTRÅLING VED ÅBNING NÅR ADVARSEL -SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

CAUTION

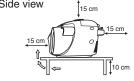
- Do not block the ventilation openings or holes.
- (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- · When discarding batteries, environmental problems must be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

To avoid risk of electric shock and fire, and to prevent damage, locate

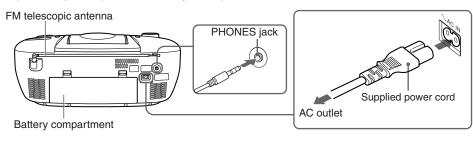
- the apparatus as follows:
- 1 Front:
- No obstructions and open spacing. 2 Sides/Top/Back:
- No obstructions should be placed in the areas shown by the dimensions below. Bottom:
- Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.





FIRST THINGS

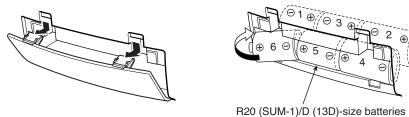
This portable system operates on battery or AC power.



INSERTING BATTERIES

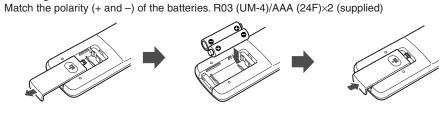
- 1 Open the battery compartment cover
- Pull the battery compartment cover toward you while pressing the sections marked by the arrows.
- 2 Insert six R20 (SUM-1)/D (13D)-size batteries. (not supplied)

Be sure to insert the batteries with the (+) and (-) terminals positioned correctly.



3 Replace the battery compartment cover.

Inserting Batteries into the Remote Control Unit:



Note: The battery power will be switched off when you plug the power cord into the \sim AC IN jack on the unit.

CAUTION:

- To avoid battery leakage or explosion, handle batteries properly.
- If you are not going to use your system 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 different battery types or with new and old ones, or do not attempt to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

SUPPRLYING AC POWER

Plug the power cord into the \sim AC IN jack on the back of the unit, and into an AC power outlet. Note: To switch off the system completely, unplug the power cord.

CAUTIONS

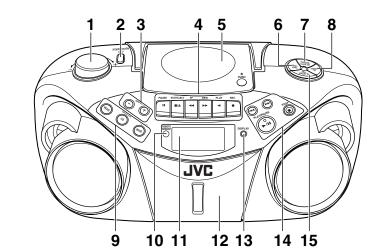
- 1. ONLY USE JVC POWER CORD PROVIDED WITH THIS UNIT TO AVOID MALFUNCTION OR DAMAGE TO THE UNIT. REMOVE BATTERIES WHEN USING THE POWER CORD.
- 2. BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE UNIT IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME

Connect commercially available headphones to the PHONES jack on the rear of the main unit. While the headphones are connected, the speakers do not produce any sound. Before connecting the headphones, make sure to turn down the sound volume.

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.

NAMES OF PARTS AND CONTROLS

Top and front sides: Main unit



8 PRESET UP button

10 REMOTE SENSOR

11 Display window

12 Cassette deck

14 I◀◀ button

▶►I button

13 DISPLAY button

STOP ■ button

TAPE button

7 Number buttons

8 GROUP +/- buttons

9 VOLUME +/- buttons

CD/RANDOM button

TUNER/BAND button

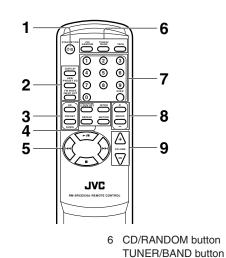
PLAY/PAUSE ▶/ II button

15 HBS/PRESET EQ button

9 TAPE button

- 1 VOLUME knob
- 2 STANDBY/ON **U/I** button
- 3 GROUP button GROUP + button
- 4 Tape operation buttons PAUSE II button
- STOP/EJECT ■/▲ button FF ◀◀ button
- REW ▶▶ buttor PLAY **⋖** button
- REC button 5 CD door
- 6 PRESET DOWN button
- 7 PROGRAM/CLOCK SET button

Names of buttons: Remote control unit



- 1 STANDBY/ON ()/| button
- 2 DISPLAY button HBS/PRESET EQ button
- FM MODE/BEAT CUT button
- 3 PRESET UP/DOWN buttons 4 PROGRAM/CLOCK SET button
- INTRO button REPEAT button
- MUTING button 5 ►/II button
- **I**◀**■** button **▶**⊌ button
- button

GENERAL CONTROLS

STANDBY/ON **(b/l)** - Press to turn on/off the unit.

The display window lights up when the unit is turned on. (Note, however, that the display window does not light even when the unit is turned on if the unit is operated on batteries.)

SETTING THE CLOCK

Before operating the unit any further, first set the clock built in this unit. The clock uses 24-hour indication.

- 1 Press STANDBY/ON (b)/ to turn off the unit, if it is turned on.
- 2 Press and hold PROGRAM/CLOCK SET for more than 2 seconds. The hour digits start flashing.



3 Press ◄◄ or ▶▶ to adjust the hour, then press PROGRAM/CLOCK SET. The minute digits start flashing.



4 Press ◄ or ▶► to adjust the minutes, then press PROGRAM/CLOCK SET.

- If there is a power failure, the clock loses the setting and is reset to "0:00." The clock indication will keep flashing until you set the clock again.
- You can also set the clock when the unit is in STANDBY mode. In this case, follow the procedures from

To show the clock when the unit is on.

Press DISPLAY.

Each time you press the button, the display changes the clock indication and the normal indication alternately. (Operating the unit while clock indication is displayed changes the display to the normal indication.)

ADJUSTING THE SOUND

Turn the VOLUME knob (or press VOLUME + / - button on the remote control unit) to increase or decrease the volume to desired level. The volume level can be adjusted in 31 steps from "MIN" to "MAX".

• Turning off the sound temporarily

During playback, press MUTING on the remote control unit to turn the sound off. The MUTING indicator appears in the display window. Press it again to restore the sound.

· Reinforcing the bass sound Press and hold HBS/PRESET EQ so that the HBS indicator appears in the display window. You can enjoy powerful bass sound with the Hyper-Bass Sound effect.

· Selecting the sound mode

You can select one of the 5 preset sound modes.

Press HBS/PRESET EQ repeatedly until the indicator for the sound mode you want appears in the display window.

CLASSIC: Enriched sound with fine treble and ample bass.

ROCK: Powerful sound emphasizing treble and bass. **POP**: More presence in the vocals and midrange.

JAZZ: Accented lower frequencies for jazz-type music.

FLAT: Equalizer effect is canceled.

USING THE RADIO

TUNING IN RADIO STATIONS

1 Press TUNER/BAND to enter the tuner mode.

- 2 Press TUNER/BAND to select the band, FM or AM.
- 3 Press and hold | ◀ or ▶ I for more than 1 second.
- The unit starts searching and stops when a station of sufficient signal strength is tuned in. If you press I◀◀ or ▶▶I briefly and repeatedly, the frequency changes step by step.

Changing the FM reception mode

When an FM stereo broadcast is hard to receive or noisy, press FM MODE/BEAT CUT on the remote control unit so that the MONO indicator appears in the display window.

To restore the stereo effect, press FM MODE/BEAT CUT again so that the MONO indicator goes off. The FM MODE will be changed to STEREO also when changing the station.

PRESETTING STATIONS

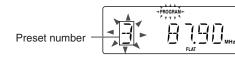
You can preset 20 FM and 10 AM stations.

- 1 Press TUNER/BAND to select the band, FM or AM.
- 2 Press ◄ or ► to tune in the station you want to preset.
- 3 Press PROGRAM/CLOCK SET.
- The PROGRAM indicator and the preset number start blinking in the display window.



4 Press PRESET UP or PRESET DOWN to select the preset number while the PROGRAM indicator is blinking.

You can use the number buttons on the remote control unit to select the preset number directly. Example: To select preset number 5, press 5. To select preset number 15, press OVER, 1, then 5. To select preset number 20, press OVER, 2, then 0.



5 Press PROGRAM/CLOCK SET while the PROGRAM indicator is blinking.

The tuned station in step 2 is stored in the preset number selected in step 4.

Storing a new station on a used number erases the previously stored one. When the PROGRAM indicator stops blinking, the tuned station is stored in the preset number without

If you use the number buttons to select the preset number in step 4, pressing PROGRAM/CLOCK SET

is not necessary in this step. 6 Repeat steps 2 to 5 to preset other stations, using different preset numbers.

Tuning in a preset station

1 Press TUNER/BAND to select the band, FM or AM.

2 Press PRESET UP or PRESET DOWN repeatedly until the desired preset number appears. You can use the number buttons on the remote control unit to select the preset number directly.

To select preset number 5, press 5.

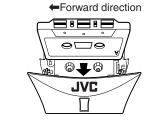
pressing PROGRAM/CLOCK SET.

To select preset number 15, press OVER, 1, then 5. To select preset number 20, press OVER, 2, then 0.

If you unplug the AC power cord or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the stations again.

USING THE TAPE

PAUSE STOP/EJECT FF REW PLAY



PAUSE II - Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record mode

STOP/EJECT ■/▲ - Press to stop the current tape activity, or to open the cassette compartment door when no buttons are active FF ◄ - In stop mode, press to advance the tape toward the end. (When the tape reaches the end, press

STOP/EJECT ■/▲ to release the depressed button.) **REW** ▶► – In stop mode, press to rewind the tape toward the beginning. (When the tape reaches the end,

press STOP/EJECT ■/▲ to release the depressed button.) **PLAY ◄** – Press to play cassettes.

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

PLAYING A CASSETTE TAPE 1. Press TAPE to enter the tape mode.

- 2. Press STOP/EJECT ■/▲ to open the cassette compartment door.
- 3. Load a cassete. Use only a type-I normal tape.
- 4. Close the door securely.
- 5. Press PLAY ◀ to begin playing the tape. The cassette tape plays until it reaches the end of the side, then it automatically stops.

Fast-winding a tape

Press REW ▶▶ or FF ◄◄.

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

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RECORDING ON CASSETTE TAPES

You can record from the radio or the CD player.

- · It may be unlawful to record or play back copyrighted material without the consent of the copyright
- · The recording level is automatically set correctly, so it is not affected by the other sound settings. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording
- If recordings you have made have excessive noise or static, the unit may be too close to a TV. Increase
- the distance between the TV and the unit. • You can only use type I tape for recording.
- DO NOT turn off the unit while playing back or recording a tape. The cassette deck or tapes may be damaged.
- DO NOT use type II and type IV tapes since the unit is not compatible with such tapes.
- The use of C-120 or longer tape is not recommended, since characteristic deterioration may occur and this tape easily jams in the pinch rollers and the capstans.

To protect your recordings

Cassettes have two small tabs on the back to protect against unexpected erasure or re-recording.

To protect your recording, remove these tabs.

To re-record on a protected tape, cover the holes with adhesive tape.



RECORDING FROM THE RADIO

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press TUNER/BAND and select a radio station.
- 3. Press REC to begin recording. REC and PLAY ◀ are locked down.
- 4. Press STOP/EJECT ■/▲ to stop recording.

Using the beat-cut function

When recording an AM broadcast, beats may occur. If this happens while recording an AM broadcast, press FM MODE/BEAT CUT on the remote control unit to select the better beat-cut setting, "CUT-1" or "CUT-2".

To temporarily pause the recording, press PAUSE **II** on the cassette deck. Press PAUSE **II** again to resume

SYNCHRONIZED RECORDING FROM A CD

- 1. Insert a cassette tape into the cassette deck and close the door.
- 2. Press CD/RANDOM.
- 3. Place a CD you want to record into CD compartment.
- 4. Select the track you want to record by pressing I◄◄ or ▶►I.
- 5. Press REC to start synchronized recording.
- When the tape reaches the end, the CD playback enters in pause.

turn over the tape and press REC . To continue recording:

To continue the CD playback: press PLAY/PAUSE >/II. To stop the CD playback: press STOP ■.

- When the CD playback stops, the cassette tape continues running.
- To stop the cassette tape, press STOP/EJECT ■/▲.

Using the PAUSE ■ button on the cassette deck instead of the STOP/EJECT ■/≜ button to momentarily interrupt recording gives you a much clearer sound recording.

When recording on a pre-recorded tape, the previous recording is erased and only the new recording is heard next time the tape is played back

Erasing a recording on a tape without making a new recording

1. Press TAPE to enter the tape mode.

2 . Press REC • to start recording.

USING THE CD

THINGS TO KNOW BEFORE PLAYING CDs

Playable CDs:

Only CDs bearing these marks can be used with this system.



This unit has been designed only to play back the following CDs.

- Digital audio CD
- Recordable digital audio CD (CD-R)

· Rewritable digital audio CD (CD-RW) When playing a CD-R or CD-RW

You can play back finalized CD-R or CD-RW recorded in music CD format or in MP3 format. (If a CD-RW has been recorded in a different format, erase all the data on the CD-RW completely before recording

- You can play back CD-R or CD-RW like an audio CD.
- Some CD-R or CD-RW may not be played back on this unit because of their disc characteristics, damage or stain on them, or if the player lens is dirty.
- The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer

Notes for MP3 files

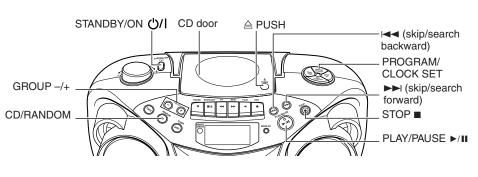
- The unit can only recognize files with "MP3" or "mp3" as the extensions, which can be in any
- combination of upper and lower cases. The file name needs to be up to 20 characters. • This unit recognizes files and folders on a disc in the following conditions:
- up to 999 MP3 files,
- up to 99 folders (including the root folder)
- up to 8th layers (including the root folder).

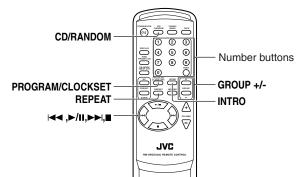
Note that the number of the folders or layers mentioned above may increase and can be played back

- depending on the contents recorded on the disc. • It is recommended that you record your material at a 44.1-kHz sampling rate, using the 128-kbps data
- · Some MP3 files or discs may not be played back because of their characteristics or recording
- MP3 discs require a longer readout time than normal discs because of the complexity of the folder/file
- configuration. MP3i and MP3 Pro are not available.
- The title, artist name and album name can be displayed as the ID3 TAG (ID3v1/1.1) information.

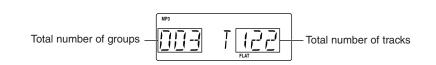
Caution for DualDisc playback

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.





- 1. Press CD/RANDOM; "READING" appears, then "NO DISC" appears in the display if no CD is loaded.
- 2. Press \triangleq PUSH to open the CD door.
- 3. Place a CD into the tray with the label facing up.
- 4. Close the CD door. Then the total number of tracks and total playing time appear.
- 5. To remove the CD, press \triangleq PUSH, grasp the CD by its edges, and carefully pull it out. 6. When loading an MP3 disc, the MP3 indicator lights, and the total number of groups (albums) and total number of tracks appear in the display window.



PLAYING A CD

Press PLAY/PAUSE ▶/III to play all the tracks in order starting with track 1.

The current track number and elapsed playing time appear in the display.

- · When an MP3 disc is loaded, after the current track number and elapsed playing time are displayed for 5 seconds, the ID3 TAG information (title, artist name and album name) scrolls through the display window once, if the MP3 disc has ID3 TAG information. For displaying the disc information, see "Displaying the disc information"
- When an MP3 disc is loaded, it may take more than 30 seconds to be read, depending on the amount of information compiled in the disc.

- Press PLAY/PAUSE ▶/III to temporarily stop the CD. The track number and elapsed playing time flash
- in the display. Press PLAY/PAUSE ▶/III again to resume playing the CD. Adjust VOLUME to a comfortable level.
- Press STOP to stop playing the CD. Wait a few seconds for the CD to stop turning, then press
- \triangleq PUSH to open the CD door and remove the CD. • "NO DISC" may appear when the disc is loaded upside down. Reload the disc correctly.

Skipping

- To skip back to the previous track
- During playback, press I◄◄ once to return to the beginning of the current track, press twice to skip back
- to the beginning of the previous track.
- To skip to the next track
- During playback, press ►►I to skip to the beginning of the next track.

Selecting a desired track directly

Use the number buttons on the remote control unit.

In case of an audio CD:

Example: To select track 8, press 8.

To select track 21, press OVER, 2, then 1. Playback starts from the specified track.

In case of an MP3 disc:

Example: To select track 8, press 8.

To select track 21, press OVER, 0, 2, then 1. To select track 115, press OVER, 1, 1, then 5.

Search - locating a desired position on the disc (audio CD only)

Press and hold I or ▶ during playback.

Monitor the sound and release the button when the desired position is located.

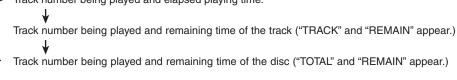
Selecting a desired group (album) and track (MP3 disc only)

- 1 In stop mode, press GROUP + or GROUP repeatedly until the desired group (album) number is
- 2 Press ◄ or ► to select a desired track from the current group (album).
- 3 Press PLAY/PAUSE ►/II to start playback.

During playback, if you press GROUP + or GROUP -, playback skips to the first track of the next or previous group (album), and the track number is shown in the display window.

Checking the remaining time (audio CD only) Press and hold DISPLAY (on either the main unit or the remote control unit) for more than 1 second during

Each time you press and hold the button, the display changes in the following order: Track number being played and elapsed playing time.



Displaying the disc information (MP3 disc only)

When you press |◄◄ or ▶►| to select a track, the group (album) number and group name\file name scroll through the display window, and then the current group (album) number and track number are displayed

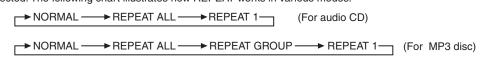
During playback:

When you press and hold DISPLAY for more than 1 second, the title, artist name and album name* scroll through the display window once, and then the track number being played and elapsed playing time are

* If the track has no text information, "NO INFO" appears instead.

REPEAT

The REPEAT button repeats one track (REPEAT 1) or all tracks (REPEAT ALL). To scroll through the choices, continuously press and release REPEAT, and check the display to see which choice you have selected. The following chart illustrates how REPEAT works in various modes.



RANDOM

In CD mode, press CD/RANDOM so that "RANDOM" appears in the display and random playback starts. To quit random play, press CD/RANDOM again.

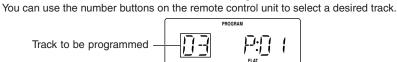
PROGRAMMING

- 1 Press CD/RANDOM to enter CD mode, if the unit is in TUNER or TAPE mode.
- You can press CD/RANDOM on the remote control unit to enter CD mode.
- 2 Press PROGRAM/CLOCK SET in stop mode.

The PROGRAM indicator appears in the display window.



3 Press I or I to select a desired track to be programmed.



- 4 Press PROGRAM/CLOCK SET.
- 5 Repeat steps 3 and 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II.
- The tracks are played in the order you have programmed.

Stopping programmed playback Press STOP ■.

Checking the program contents

Before starting programmed playback, press PROGRAM/CLOCK SET when "PROGRAM" is displayed. Each time you press the button, the programmed tracks are shown in the display window.

Adding tracks in the program 1 Press PROGRAM/CLOCK SET repeatedly until "00" appears as a track number.

- 2 Press I or ►►I (or the number buttons on the remote control unit) to select a new track number, then press PROGRAM/CLOCK SET.
- **Editing the program** 1 Press PROGRAM/CLOCK SET repeatedly until the program number you want to edit appears. 2 Press I or ►►I (or the number buttons on the remote control unit) to select a new track number, then

press PROGRAM/CLOCK SET.

Erasing the entire program in the memory Press PROGRAM/CLOCK SET so that the "PROGRAM" appears, and press STOP ■ while the "PROGRAM" is displayed The program is also cleared when you open the CD door, turn off the unit or change to other audio

sources.

You cannot program more than 40 tracks.

"-- FULL --" is displayed.

- For MP3 disc:
- 1 Press PROGRAM/CLOCK SET in stop mode. The PROGRAM indicator appears in the display window.
- 2 Press GROUP + or GROUP to select a desired group (album). The first track number in the selected group (album) is shown.
- 3 Press ◄ or ►► to select a desired track in the group (album). You can use the number buttons on the remote control unit to select a desired track.
- 4 Press PROGRAM/CLOCK SET.

beginning ten seconds.

- 5 Repeat steps 2 to 4 to program other tracks.
- 6 Press PLAY/PAUSE ►/II. The tracks are played in the order you have programmed.

INTRO PLAYBACK Every track or every programmed track of a CD (excluding the CD of MP3 format) can be played for the

Press INTRO on the remote control unit. The INTRO indicator appears in the display window and intro

CARE AND MAINTENANCE

hole lightly.

CLEANING THE EXTERIOR

· Disconnect the system from AC power before cleaning the exterior of the unit with a soft dry cloth.

• Do not touch the shiny surface of the disc, or bend the disc.

Put the disc back in its case after use to prevent warping.

HANDLING DISCS

To clean the disc

- Wipe the disc with a soft cloth in a straight line from center to edge.
- DO NOT use any solvent such as conventional record cleaner, spray, thinner, or benzine - to clean the disc.

• Remove the disc from its case by holding it at the edge while pressing the center

• Be careful not to scratch the surface of the disc when placing it back in its case. • Avoid exposure to direct sunlight, temperature extremes, and moisture.

HANDLING CASSETTE TAPES



- If the tape is loose in its cassette, take up the slack by inserting a pencil in one of the reels
- If the tape is loose, it may get stretched, cut, or caught in the cassette.



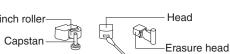
- - Avoid storing tapes in any of the following places:

Be careful not to touch the tape surface.

- In direct sunlight or heat
- In moist areas
- On a TV or speaker - Near a magnet

CLEANING THE TAPE HEADS

Clean the heads after every 10 hours of use with a wet-type head cleaning tape (available at electronic and



To demagnetize the head

Turn off the unit, and use a head demagnetizer (available at electronic and audio shops).

TROUBLESHOOTING TIPS

Problem	Solution
System does not turn on.	 Make sure the power cord is securely plugged into the 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	Adjust the volume setting. Make sure you have selected the correct function: CD, TAPE, or TUNER and the headphones are disconnected.
Poor radio reception	 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 fluorrescent lights.
CD does not play.	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.	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 system if necessary.
Distorted or noisy recordings	Inspect the recording head and clean it if necessary. Demagnetize recording head (as explained in "CARE AND MAINTENANCE").

SPECIFICATIONS

<u>Tuner</u>

Antenna

CD player CD capacity : 1 CD : 60 dB Dynamic range Signal-to-noise ratio : 75 dB

Frequency ranges

Ferrite core antenna for AM Cassette deck section Frequency response : 60 Hz - 10 000 Hz

Wow and flutter

Output terminals

Accessories provided

Dimensions

<u>General</u> Speaker : 9 cm cone \times 2 (4 Ω) : 4 W (2 W + 2 W) at 4 Ω (10% THD) (IEC268-3) Power output

: 0.15% (WRMS)

: FM 87.5 - 108.0 MHz

: AM 530 - 1 710 kHz

: Telescopic antenna for FM

: PHONES × 1 (Ø 3.5 mm, stereo)

: Approx. 3.4 kg (without batteries)

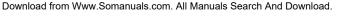
Power supply DC 9 V ("R20 (SUM-1)/D (13D)" × 6) : 18 W (at operation), 3 W (on standby) Power consumption

: AC 230 V √, 50 Hz

: AC power cord × 1 Remote control unit × 1

Batteries for the remote control unit R03 (UM-4)/AAA (24F) \times 2

420 mm (W) × 178 mm (H) × 249 mm (D)



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