

JVC

MICRO COMPONENT SYSTEM

UX-G120—Consists of CA-UXG120 and SP-UXG120

INSTRUCTIONS



MP3

Radio Data System

Thank you for purchasing a JVC product.

LVT2198-012A [B]
0810YAMDMWMTS



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Precautions

Notes on the power cord

- When you go away for an extended period of time, remove the plug from the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands.
- Disconnect the power cord before cleaning the System or moving the System.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric shock, or other accidents.

Avoid moisture, water, dust, and high temperatures

- Do not place the System in moist or dusty places.
- If water gets inside the System, turn off the power and remove the plug from the wall outlet, then consult your dealer. Using the System in this state may cause a fire or electrical shock.
- Do not expose the System to direct sunlight or place it near a heating device.

Notes on installation

- Select a place which is level, dry and neither too hot nor too cold—between 5°C and 35°C.
- Do not install the System in a place subject to vibrations.
- Do not put heavy objects on the System.

To prevent malfunction or damage to the System

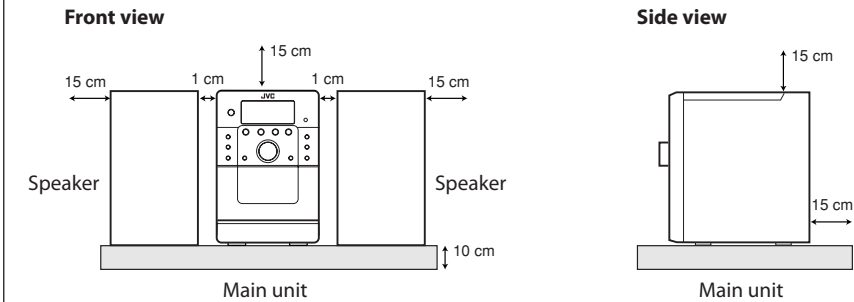
- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the System.
- Do not block the vents.

There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.

CAUTION: Proper Ventilation

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

- Front: No obstructions and open spacing.
- Sides/Top/Back: No obstructions should be placed in the areas indicated by the dimensions in the illustration.
- 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.



Maintenance

To get the best performance of the System, keep your discs, and the mechanism clean.

Handling discs

- When removing the disc from its case, hold 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.
- 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.

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 rotate it.
 - If the tape is loose, it may get stretched, cut, or caught in the cassette.
- Be careful not to touch the tape surface.
- Avoid the following places to store the tape—in dusty places, in direct sunlight or heat, in moist areas, on a TV or speaker, or near a magnet.

To keep the best recording and playback sound quality

- Use a cotton swab moistened with alcohol to clean the heads, capstans, and pinch rollers.
- Use a head demagnetizer (available at electronics and audio shops) to demagnetize the heads (when the System turned off).

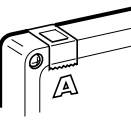
To protect your recording

Cassettes have two small tabs to protect from 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.



Cleaning the System

- Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the System may deteriorate in quality, it becomes damaged or gets its paint peeled off, be careful about the following:
 - DO NOT wipe it with a hard cloth.
 - DO NOT wipe it strongly.
 - DO NOT wipe it with thinner or benzine.
 - DO NOT apply any volatile substance such as insecticides to it.
 - DO NOT allow any rubber or plastic to remain in contact for a long time.

Cleaning the CD pickup lens

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

Getting Started

Supplied accessories

After unpacking, check to make sure that you have all the following items. The number in parentheses indicates the quantity of each piece supplied.

- FM antenna (1)
- Remote control (1)
- Batteries (2)

If any items are missing, consult your dealer immediately.

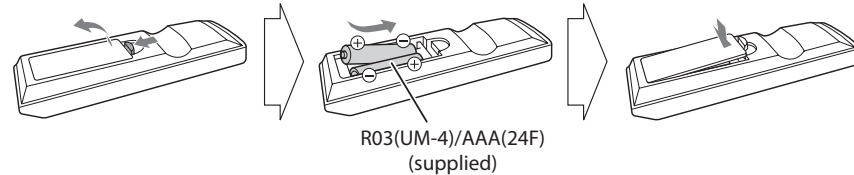
In this manual:

- The remote control buttons are used for explaining the operations unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.
- “File” and “track” are used interchangeably.

Prepare the remote control

Insert the batteries into the remote control by matching the polarity (+ and –) correctly.

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



NOTES:

- Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
- To prevent the battery from overheating, cracking, or starting a fire:
 - Do not recharge, short, disassemble or heat the battery or dispose of it in a fire.
 - Do not leave the battery with other metallic materials.
 - Wrap the battery with tape and insulate when throwing away or saving it.
 - Do not poke the battery with tweezers or similar tools.
- Dispose of battery in the proper manner, according to federal, state, and local regulations.
- The battery (battery pack or battery installed) shall not be exposed to excessive heat source such as sunshine, fire or the like.

CAUTION:

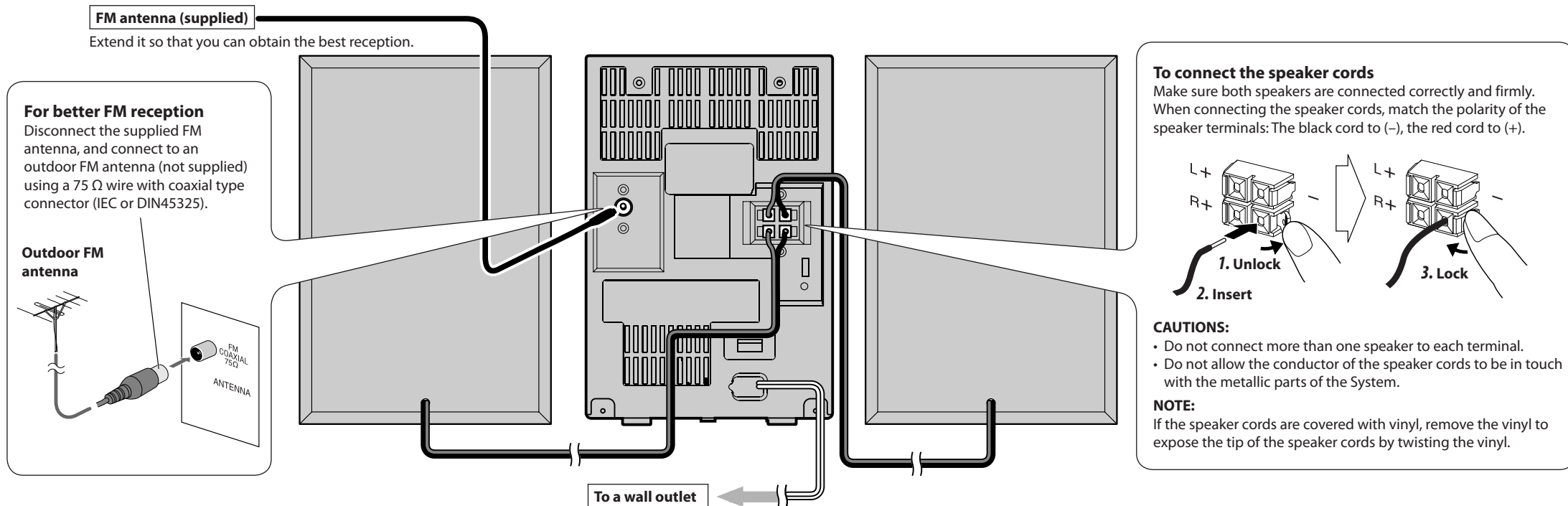
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Connections

Do not connect the AC power cord until all other connections have been made.

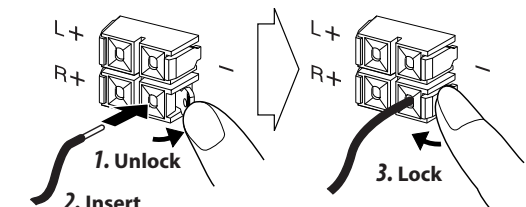
NOTE:

- Make sure the antenna conductors do not touch any other terminals, connecting cords or the power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. Otherwise, it could cause poor reception.
- Use only speakers with the same speaker impedance as indicated by the speaker terminals on the rear of the System.



To connect the speaker cords

Make sure both speakers are connected correctly and firmly. When connecting the speaker cords, match the polarity of the speaker terminals: The black cord to (–), the red cord to (+).



CAUTIONS:

- Do not connect more than one speaker to each terminal.
- Do not allow the conductor of the speaker cords to be in touch with the metallic parts of the System.

NOTE:

If the speaker cords are covered with vinyl, remove the vinyl to expose the tip of the speaker cords by twisting the vinyl.

Playable disc/file types

- This System can play back following types of discs.
 - Audio CD with “COMPACT disc” logo and CD-R/CD-RW in Audio CD format
 - MP3 files on a CD-R/CD-RW (ISO 9660 format)
- This System may not play back some files even though their formats are listed above.
- This System cannot play “packet write” discs.
- For MP3 playback:
 - Some MP3 files may not be played back due to their recording conditions.
 - This System can play only discs of ISO 9660 Level 1 or Level 2.
 - It is recommended to record each file at a sampling rate of 44.1 kHz and at a data transfer rate of 128 kbps.
 - This System can recognize a total of 999 tracks and 99 groups.
 - This System can show the Tag data (version 1).

Specifications

Main unit (CA-UXG120)

Amplifier section

Output Power: 3 W per channel, min. RMS,

driven into 4 Ω at 1 kHz with no more than 10% total harmonic distortion. (IEC268-3)

Speakers/Impedance: 4 Ω – 8 Ω

Terminal

AUDIO IN: Input sensitivity/Impedance 500 mV / 50 kΩ

FM tuner section

Tuning range: 87.50 MHz – 108.00 MHz

CD player section

Dynamic range: 60 dB
Signal-to-noise ratio: 60 dB
Wow and flutter: Immeasurable

Cassette deck section

Frequency response Normal (type I): 125 Hz – 8 kHz
Wow and flutter: 0.35% (WRMS)

General

Power requirement: AC 230 V ~, 50 Hz

Power consumption: 23 W (at operation)

1.00 W or less (on standby)

Dimensions (approx.): 140 mm × 209 mm × 208 mm

(W×H×D)

Mass (approx.): 2.2 kg

Speakers (SP-UXG120)

Type: 1-way Bass reflex

Speaker units: 8 cm cone × 1

Impedance: 4 Ω

Dimensions (approx.): 135 mm × 209 mm × 175 mm

(W×H×D)

Mass (approx.): 1.2 kg each

Design and specifications are subject to change without notice.

Troubleshooting

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

General	
Power does not come on.	➔ Power plug is not inserted securely. Plug it in securely.
Adjustments or settings are suddenly canceled before you finish.	➔ There is a time limit. Repeat the procedure again.
Operations are disabled.	➔ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in. If the problem could not be solved by the procedure above, turn off the System (on standby), then press and hold ⏻ and AUDIO IN on the main unit until “RESET” appears on the display. If you reset your System, the clock setting and preset stations are erased so you need to set them again.
Unable to operate the System from the remote control.	➔ The path between the remote control and the remote sensor on the System is blocked. ➔ Point it at the remote sensor on the front panel. ➔ Move closer to the System. ➔ The batteries are exhausted.
No sound is heard from speakers.	➔ Speaker connections are incorrect or loose.
FM radio	
Hard to listen to broadcasts because of noise.	➔ Antenna connections are incorrect or loose. ➔ The FM antenna is not properly extended or positioned. ➔ Electrostatic discharge from your body may cause noise. If this happens, turn the System off then on again.
Disc	
The disc does not play.	➔ The disc is placed upside down. Place the disc with the label side up. ➔ The disc is recorded using “packet writing (UDF file system).” It cannot be played. ➔ The CD pickup lens is dirty.
The disc sound is discontinuous.	➔ The disc is scratched or dirty. ➔ MP3 files have not been properly recorded on a CD-R/CD-RW.
“NO DISC” appears on the display.	➔ MP3 files are not recorded on the disc.
ID3 Tag on an MP3 file cannot be shown.	➔ There are two types of ID3 Tag—Version 1 and Version 2. This System can only show ID3 Tag Version 1.
Groups and tracks are not played back as you expect.	➔ Playing order is determined when the groups and tracks are recorded. It depends on the writing application.
Recording operations	
Impossible to record.	➔ Small tabs of the cassette are removed. Cover the holes with adhesive tape.

Sound and Other Adjustments

Initial settings

Setting the clock

You can set the clock only when the System is turned off (on standby.)

1



- If you have already set the clock before, press and hold **CLOCK/SLEEP** until the clock is flashing.
- “0:00” flashes on the display until you set the clock.

2 Adjust the hour and minute.



- The clock may gain or lose 1 to 2 minutes per month. You may need to readjust the clock periodically.

To check the current time while the System is turned on



The time is displayed for a few seconds.

If there is a power failure

The clock loses its settings. You need to set the clock again.

Timer

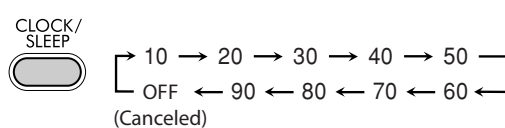
Sleep Timer

You can set Sleep Timer only when the System is turned on.

1



2 Specify the time (in minutes).



- To check the remaining time until the System shuts off, press and hold **CLOCK/SLEEP**.
- If you press the button repeatedly, you can change the shut-off time.

Sound adjustments

Muting

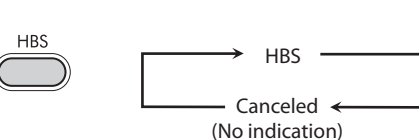
To drop the volume in a moment



- To restore the volume, press again or adjust the volume.

Hyper Bass Sound (HBS)

To reinforce the bass sound

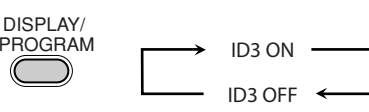


Display settings

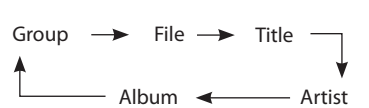
Display information

To display ID3 tag information

During playback of MP3

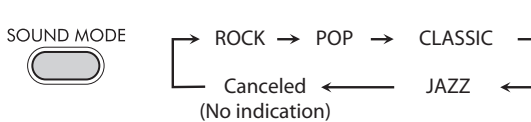


ID3 tag information is displayed automatically as follows:

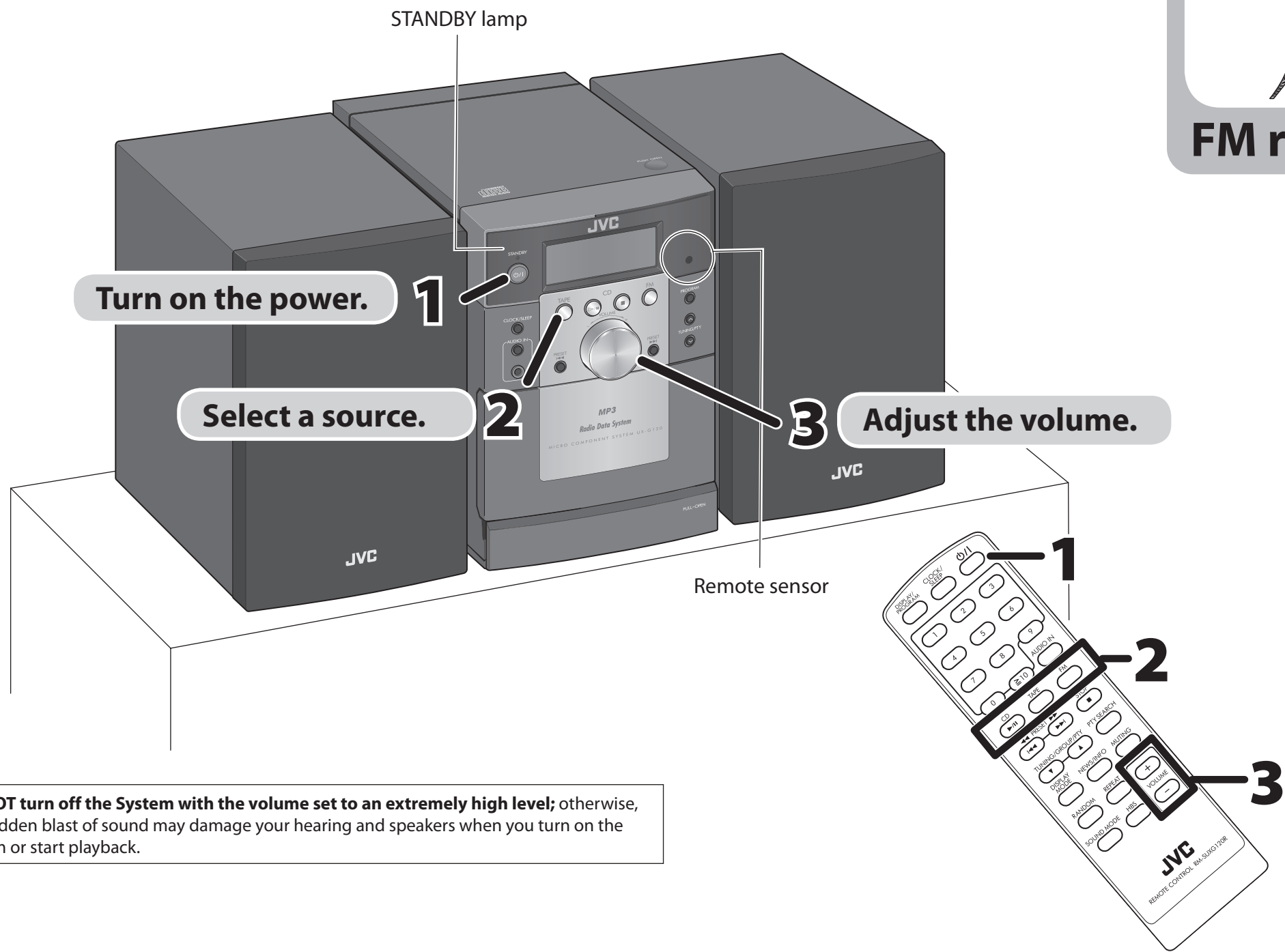


Sound Mode

To select the sound mode suitable for your favorite music



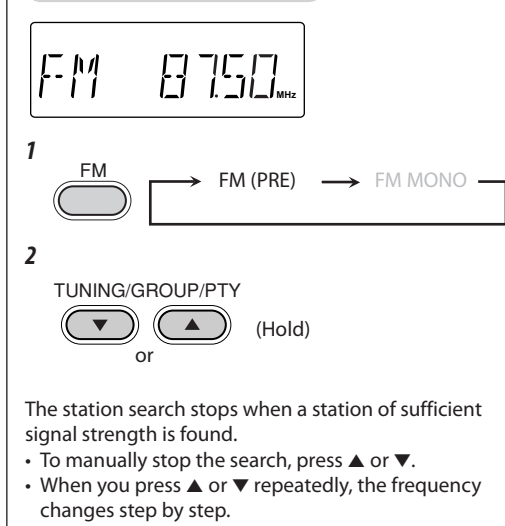
Basic operation



FM radio

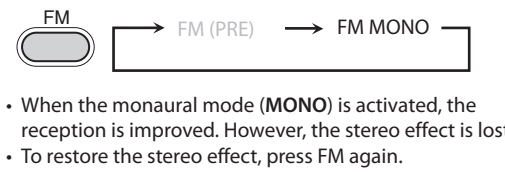
This System cannot receive AM broadcast.

Searching for stations



Improving the reception

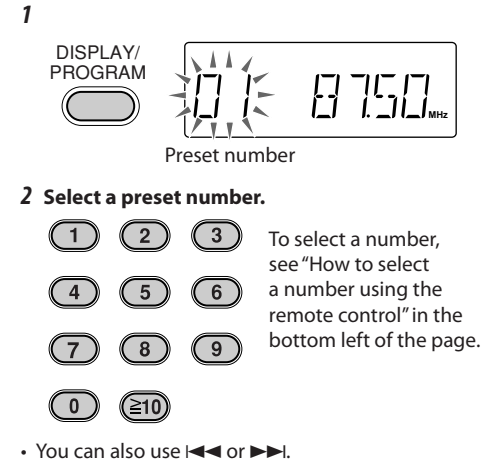
When an FM stereo broadcast is hard to listen



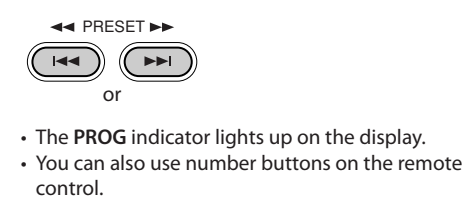
Presetting stations

You can preset up to 20 FM stations.

While listening to a target station



Tuning in to a preset station

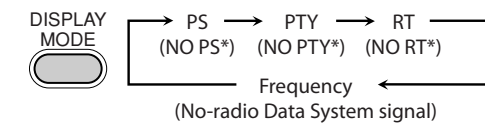


Receiving FM stations with Radio Data System

Radio Data System allows FM stations to send an additional signal along with their regular program signals.

If you want to know more about Radio Data System, visit <http://www.rds.org.uk>.

To display the Radio Data System information



* Displayed if related signals are not sent by a station.

PS (Program Service)	Commonly known station names.
PTY (Program Type)	Types of broadcast programs.
RT (Radio Text)	Text messages the station sends.

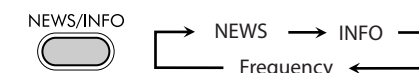
When a Radio Data System signal is not received, the frequency is displayed.

Switching temporarily to a program of your choice automatically

The Enhanced Other Networks function allows the System to switch temporarily to a preset FM station broadcasting a program of your choice (NEWS or INFO).

- This function works while listening to the FM station providing the required signals.

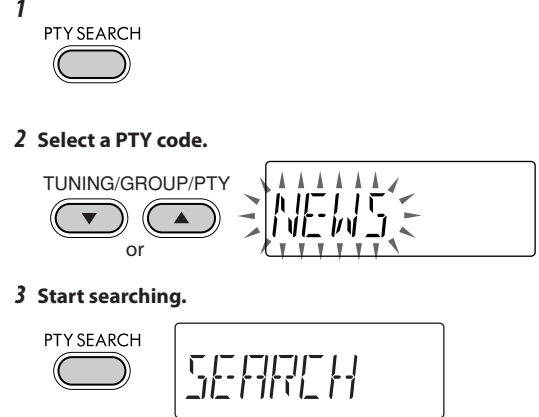
While listening to the FM station



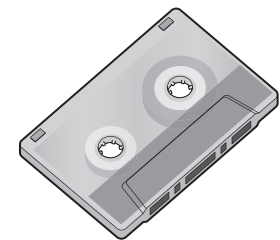
PTY search

You can search for a program from the preset stations by specifying PTY code.

While listening to a station



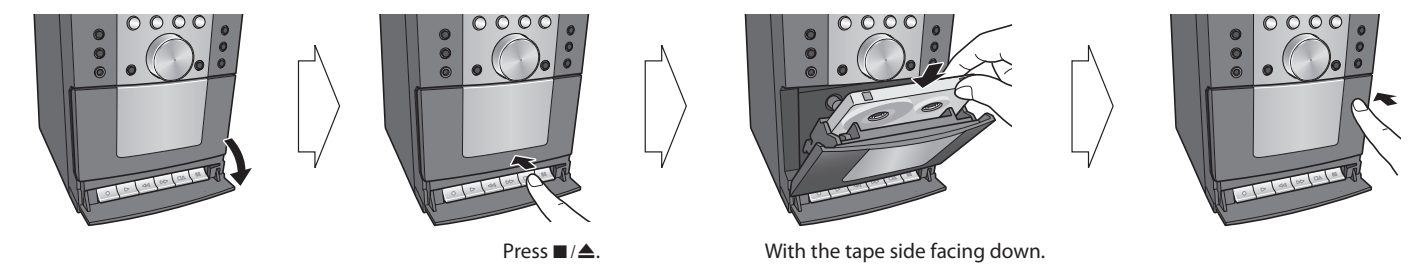
- To stop searching, press PTY SEARCH.
- To search for another station, press PTY SEARCH while the indications are flashing.
- If no program is found, "NO FOUND" appears.



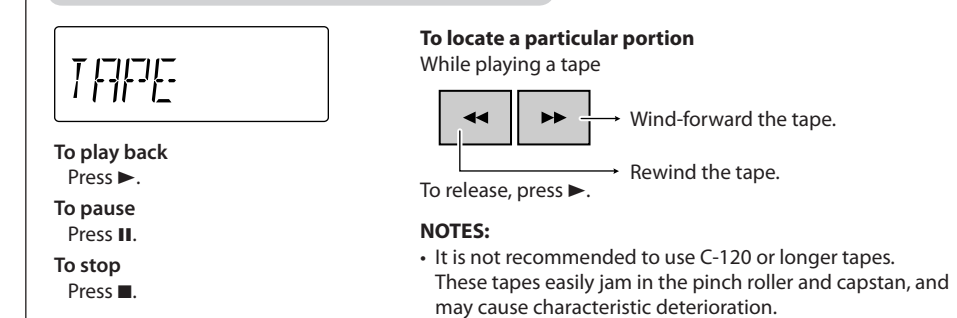
Tape

To insert a tape

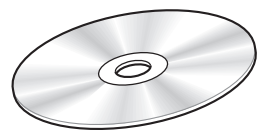
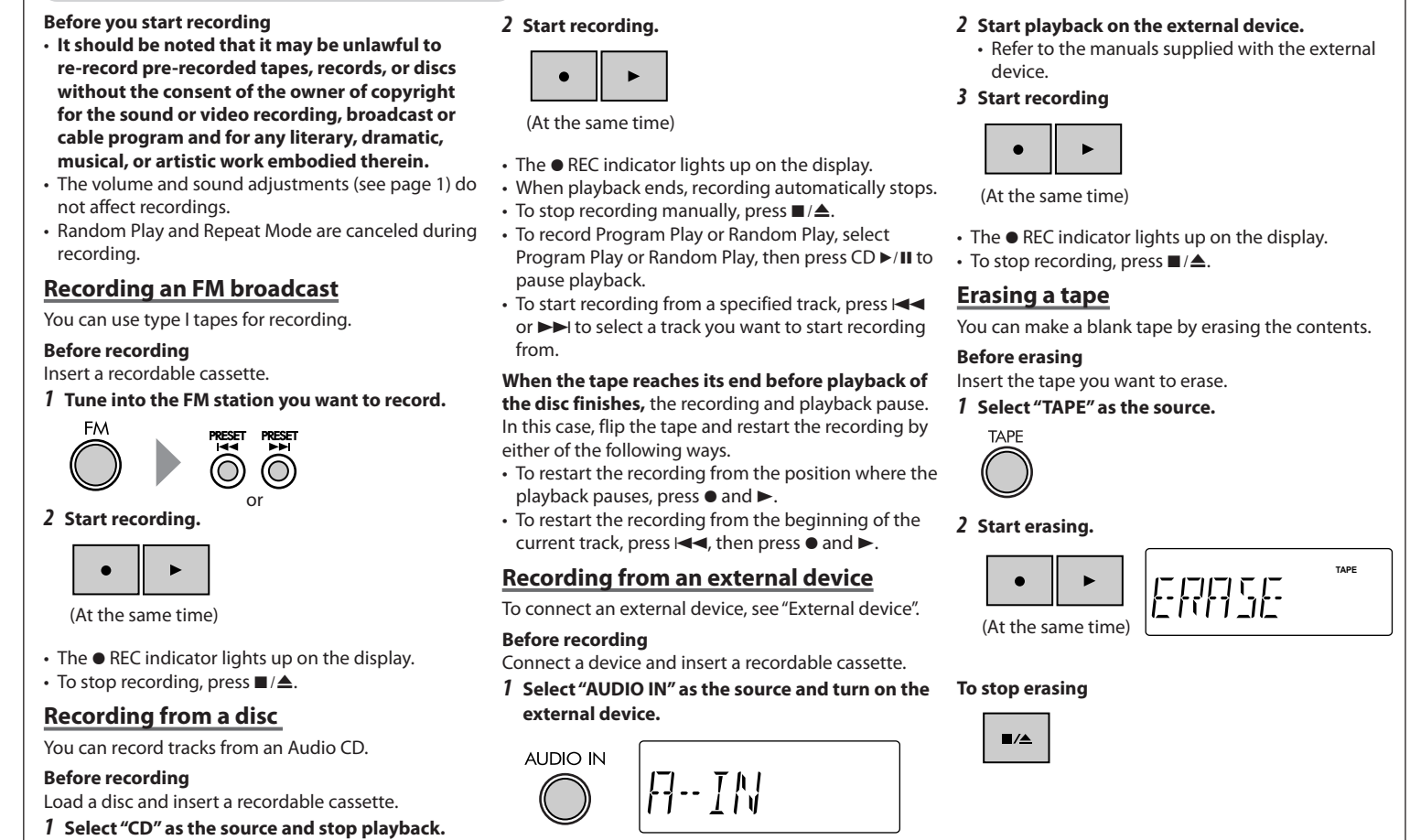
You can play back type I tapes.



Playback operations (on the main unit)

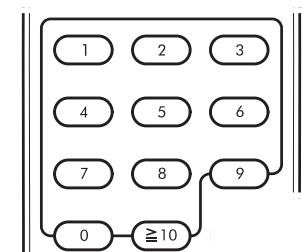


Recording operations (on the main unit)



Disc

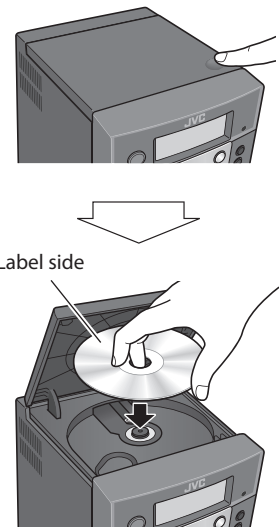
How to select a number using the remote control



Examples:

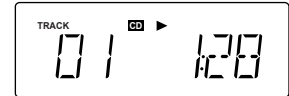
- To select number 5, press 5.
- To select number 20, press 0, 2, then 0.
- To select number 125, press 0, 1, 2, then 5.

To place a disc



Playback operations

Ex.: During playback of audio CD



To play back / pause Press TAP/II.

To select a track Press III or I/II.

To fast-forward a track Press and hold III.

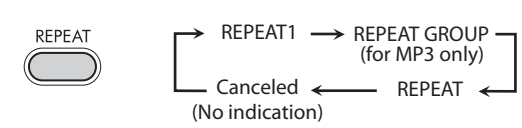
To fast-reverse a track Press and hold I/II.

To select a group (MP3 only) Press ▲ or ▼.

To stop playback Press III.

Repeat Play

During playback



REPEAT 1	Repeats the current track.
REPEAT GROUP	Repeats all the tracks in the current group. (for MP3 only)
REPEAT	Repeats all tracks. (on the program during Program Play)

Random Play

You can play back all the tracks on the disc at random.



Playback starts in a random order.

Random Play ends when all tracks have been played.

- You cannot select a track with the number buttons during Random Play.

To exit from Random Play



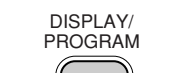
- You can also exit from Random Play by pressing STOP III.

Program Play

1



2



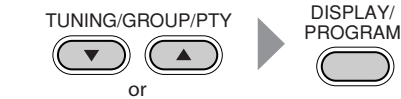
3 Select a track number (up to 32 tracks).

For audio CD:



For MP3:

(1) Select a group.



(2) Select a track.



4

CD

▶▶

- To erase the entire program, press III twice. The PROG indicator goes off.
- You can repeat the programmed tracks by pressing REPEAT.
- To check the programmed contents, press DISPLAY/PROGRAM while the PROG indicator lights up on the display and playback is stopped.

MP3 groups/tracks configuration

This System plays back MP3 tracks as follows. The play order in the figure is for MP3 tracks on a disc.

