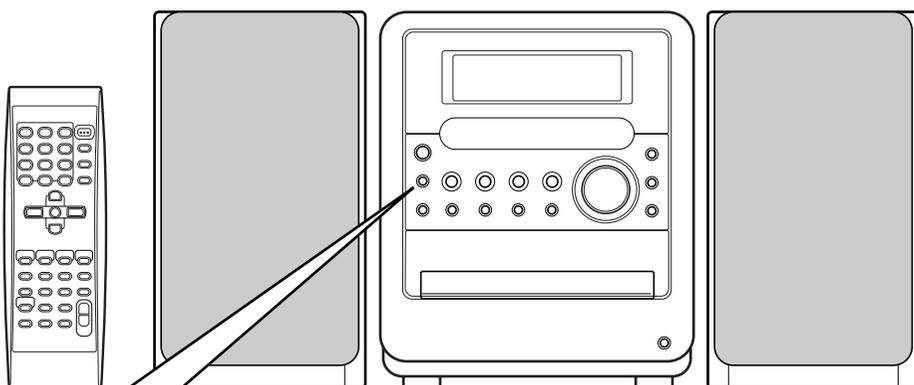# JVC

MICRO COMPONENT SYSTEM
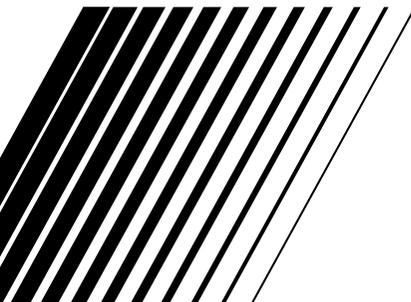
UX-Q3S
Consists of CA-UXQ3S and SP-UXQ1S

For hiding the demonstration display, refer to page 9.

MP3
PLAYBACK

COMPACT
disc
DIGITAL AUDIO

INSTRUCTIONS

Warnings, Cautions and Others

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

CAUTION — ⏻/❘ button!
Disconnect the mains plug to shut the power off completely.
The ⏻/❘ button in any position does not disconnect the mains line.
The power can be remote controlled.

CAUTION
• Do not block the ventilation openings or holes.
  (If the ventilation openings or holes are blocked by a
  newspaper or cloth, etc., the heat may not be able to get out.)
• Do not place any naked flame sources, such as lighted
  candles, on the apparatus.
• When discarding batteries, environmental problems must be
  considered and local rules or laws governing the disposal of
  these batteries must be followed strictly.
• Do not expose this apparatus to rain, moisture, dripping or
  splashing and that no objects filled with liquids, such as vases,
  shall be placed on the apparatus.

IMPORTANT FOR LASER PRODUCTS

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.

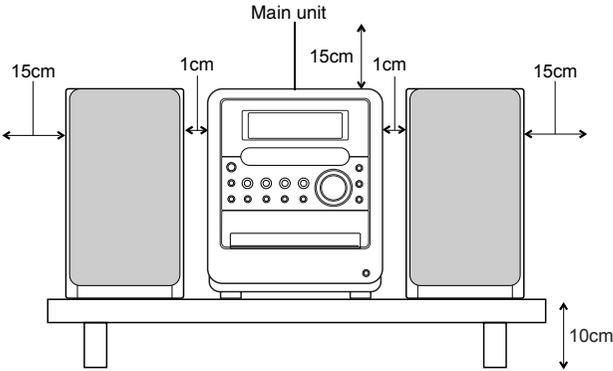| **CAUTION :** Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)	**ADVARSEL :** Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling. (d)	**VARNING :** Synlig och osynlig laserstrålning när den öppnas och spärren är urkopplad. Betrakta ej strålen. (s)	**VARO :** Avattaessa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)

CAUTION — Proper Ventilation

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

Top/Front/Back/Sides: No obstructions should be placed in the areas shown by the dimensions below.

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

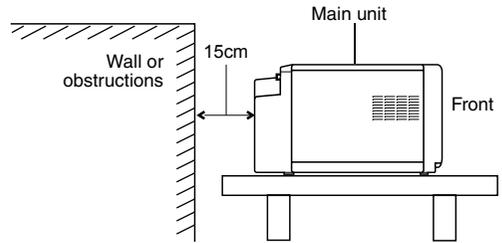**In addition, maintain the best possible air circulation.**

Front view

Main unit

15cm   1cm   15cm   1cm   15cm

10cm

Side view

Main unit

Wall or obstructions

15cm

Front

Table of Contents

Notes on Operation

Suitable Locations for the Main Unit

To minimize the need for servicing and maintain the high quality of this product, do not place the main unit in the following locations:
- In a position subject to high humidity or considerable dust
- On an uneven or unstable surface
- Near a heat source
- Near a computer, fluorescent light or other electric appliance
- In a small room with insufficient ventilation
- In a position exposed to direct sunlight
- In a position exposed to excessive cold
- In a position exposed to strong vibration
- Near a TV, amplifier, or tuner
- Near a magnetic source

CAUTION
- The operating temperature of this product is 5°C to 35°C. Use in temperatures outside this range may cause a malfunction or damage the product.

Condensation

Under the following conditions, you may not be able to operate this product properly due to condensation formed on the lens of the main unit:
- When you have just started an air conditioner to warm your room
- When you have placed the main unit at an area with high humidity
- When you have moved the main unit from a cold place to a warm place

When condensation forms, leave the main unit turned on, wait for approximately 1 or 2 hours, and then operate the main unit.

Cleaning the Main Unit

When the operation panel becomes dirty, dust it with a soft dry cloth. When the operation panel is very dirty, wipe it with a cloth dampened with a small amount of a neutral detergent, and then wipe it with a soft dry cloth.

CAUTION
- Do not wipe the operation panel with thinners, benzenes or other chemical agents. Do not spray insecticides onto the operation panel. These may cause discoloration and damage to the surface.

Listener's Etiquette

When using headphones, keep the volume at a moderate level so as not to over-stimulate your ears.

■ When enjoying sound from the speakers, adjust the volume to a suitable level to avoid disturbing your neighbors.
Even low-volume sound carries a long way, especially at night. Show consideration to your neighbors by closing windows or using headphones.

About CDs/CD-Rs/CD-RWs

Confirm the marks on CDs/CD-Rs/CD-RWs

Use a CD/a CD-R/a CD-RW whose letter-printed surface shows the [disc], [disc], or [disc] logo. This product does not play back DVDs or video CDs.

About CD-Rs/CD-RWs

You can play back a CD-R/a CD-RW only when the disc is finalized.

- You can play back a CD-R/a CD-RW which has been recorded in the audio CD and MP3 formats.
However, playback is impossible in some cases due to the disc characteristics, recording condition, scratches or dirt on the disc, or dirt or condensation on the lens.
- Before using a CD-R/a CD-RW, carefully read the cautions regarding the disc.
- This product does not support CD text display of sound files such as MP3s.
- To play back a CD-RW on this product, erase all tracks if the CD-RW was recorded in a format other than the audio and MP3 CD formats. Using the CD-RW without erasing all tracks may result in damage to the speakers or other parts caused by sudden loud volume.

Special Cautions

Notes on Handling

■Important cautions

Installation of the system
• Select a place which is level, dry and neither too hot nor too cold; between 5°C and 35°C.
• Leave sufficient distance between the system and the TV.
• Do not use the system in a place subject to vibration.

Power cord
• Do not handle the power cord with wet hands!
• A small amount of power is always consumed while the power cord is connected to the wall outlet.
• When unplugging the power cord from the wall outlet, always pull on the plug, not the power cord.

To prevent malfunctions of the system
• There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
• Do not insert any metallic object into the system.
• Do not use any non-standard shape disc (like a heart, flower or credit card, etc.) available on the market, because it may damage the system.
• Do not use a disc with tape, stickers, or paste on it, because it may damage the system.

Label sticker
Sticker
Paste
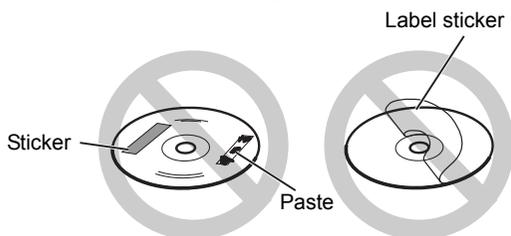
Note about copyright laws
Check the copyright laws in your country before recording from CDs. Recording of copyrighted material may infringe copyright laws.

■Safety precautions

Avoid moisture, water and dust
Do not place the system in moist or dusty places.

Avoid high temperatures
Do not expose the system to direct sunlight and do not place it near a heating device.

When you are away
When away on travel or for other reasons for an extended period of time, disconnect the power cord plug from the wall outlet.

Do not block the vents
Blocking the vents may damage the system.

Care of the cabinet
When cleaning the system, use a soft cloth and follow the relevant instructions on the use of chemically-coated cloths. Do not use benzene, thinner or other organic solvents including disinfectants. These may cause deformation or discoloring.

If water gets inside the system
Turn the system off and disconnect the power cord plug from the wall outlet, then call the store where you made your purchase. Using the system in this condition may cause fire or electrical shock.

■When condensation or water drops adhere to the lens

In any of the following cases, condensation or water drops may adhere to the lens to prevent the system from working properly:
• Immediately after roomheating starts
• When the system is installed in a steamy or damp space
• When the system is suddenly moved from a cold place to a warm space
In any of these cases, leave the system turned on for 1 or 2 hours before use.

Supplied Accessories

Check to be sure you have all of the supplied accessories.
The number in parentheses is the quantity of the pieces supplied. If anything is missing, contact your dealer immediately.

Remote control (1)
Batteries (2)
FM antenna (1)
AM loop antenna (1)

3

Part Description

The numbers refer to the pages in which the parts are explained.

12

14 — STEREO MONO

16 — CD ▎▎

19, 22 — TAPE ▎ REC ◄► ⊂▱⊃

12 — α SOUND
11 — AHB PRO

⏱ 123 REC SLEEP   SOUND A.STANDBY   ↺ ALL GROUP PROGRAM RANDOM

23, 25   11   13   17, 18

16   14
19   20

Cassette holder: 19
▲ PUSH-OPEN

11, 14 — ⏻/▌▌
9, 12 — COLOR/DEMO
CD ▷/▌▌
TAPE ▷◁▷
FM/AM
AUX

TAPE REC — 21
α SOUND — 12
CD ▲ + — 16

I<< GROUP >>I   I◄◄   ■   ►►I   – VOLUME +

Remote control sensor: 5

11

16, 22   16, 19
16, 22   14, 16, 19   14, 16, 19   CD tray: 16
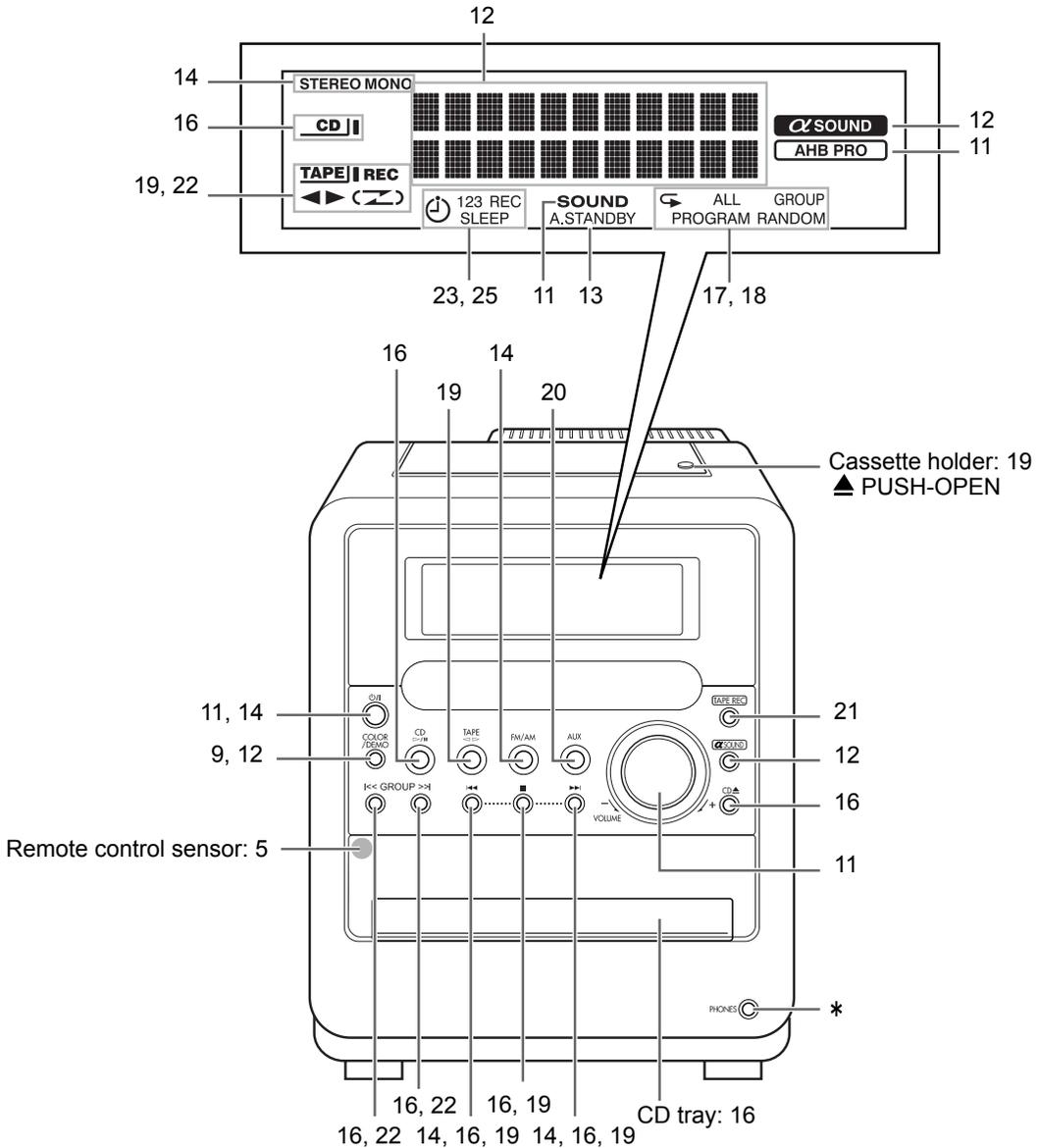
PHONES ⊙   ✳

* This terminal is for connecting a pair of headphones equipped with a stereo mini plug (commercially available). While the headphones are connected, the speakers do not produce any sound.

4

Remote Control The numbers refer to the pages in which the parts are explained.
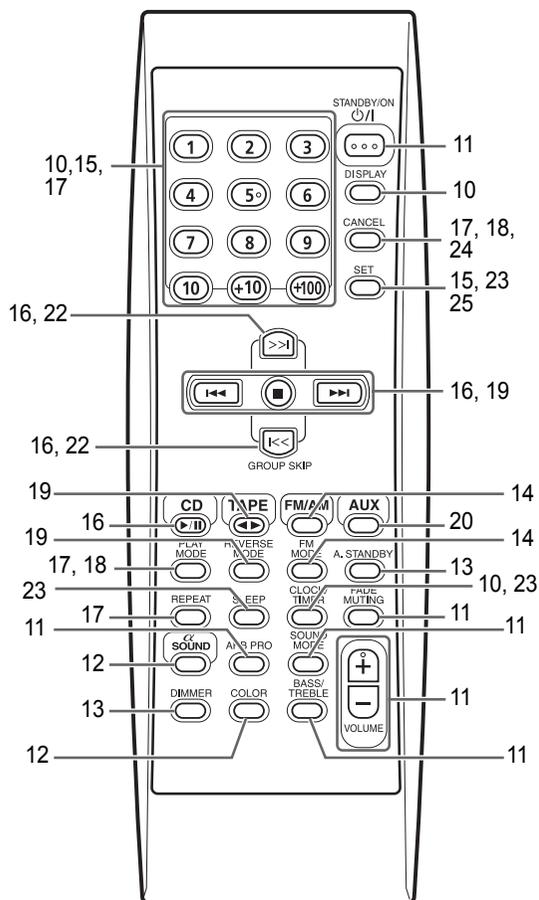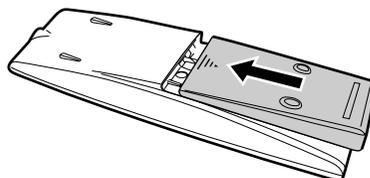

Inserting Batteries into the Remote Control

R6P(SUM-3)/
AA(15F) type dry-cell
batteries (2)
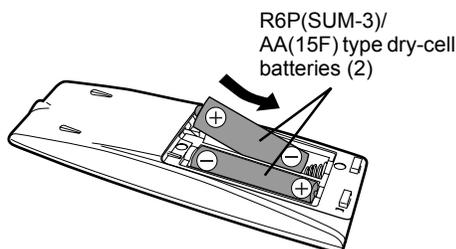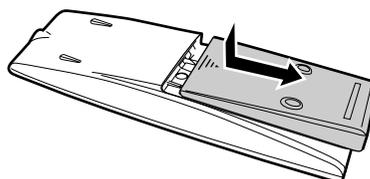
CAUTION

- Do not use a used battery and a new battery together.
- Do not use different types of batteries at the same time.
- Take out the batteries if the remote control is not to be used for a long time. Otherwise it may cause a leakage.

Remote control operation

- When operating the remote control, point it at the front panel of the main unit.
- The effective distance between the remote control and the remote control sensor on the main unit is approximately 5 m maximum.
- When the effective distance decreases, replace the batteries.
- Do not drop the remote control or subject it to excessive shock.

Connections   Connect all necessary parts before connecting the power plug.

Connecting the Antennas

▌Connecting the AM antenna

1   Set up the AM loop antenna (supplied).

Insert the tab into the slot.

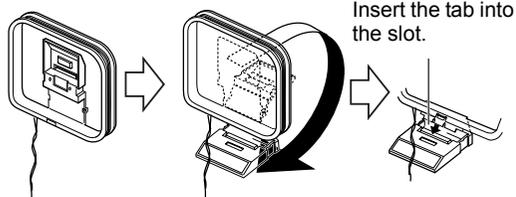**2   Connect the antenna cord.**

Main unit (side view)

AM
LOOP

AM
EXT

Main unit (rear view)

Connecting the antenna cord

Connect the ends of the antenna cord as shown above.

When insulation covers the tips of the antenna cord, twist and pull off the insulation.

3   Turn the AM loop antenna to find the best position for radio reception.
Place the AM loop antenna as far from the main unit as possible.
• Do not place the AM loop antenna on a metallic table or close to a TV, computer, or other electric appliance. Doing so may affect radio reception.

■ When radio reception with the supplied AM loop antenna is poor

Electric wire: 3 - 5 m (commercially available)

Twist together electric wire and the AM loop antenna cord.

Electric wire

AM loop antenna cord

Stretch out the electric wire horizontally, preferably in a high place such as above a window or outdoors.
Connect the AM loop antenna cord to the main unit together with the electric wire.

AM
LOOP

AM
EXT

Main unit (rear view)

When positioning the antennas, find the best position for reception while listening to an actual radio program (refer to "Listening to Radio Broadcasts" ()).

6

Connecting the FM antenna

Main unit (rear view)

FM antenna
(supplied)

Main unit (side view)

ANTENNA
FM(75Ω)
COAXIAL
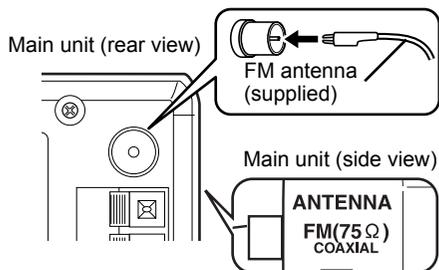
Stretch out the FM antenna to the best position for radio reception, and then fix it with adhesive tape.
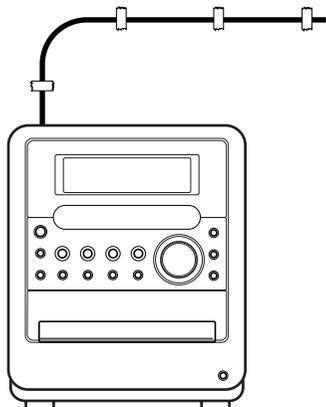
■ When radio reception with the supplied FM antenna is poor, or when using a communal antenna

Main unit (side view)

Main unit
(rear view)

ANTENNA
FM(75Ω)
COAXIAL

Antenna cord (sold separately)

Communal antenna terminal

or

Outdoor FM antenna (commercially available)

Coaxial cable (commercially available)

Converter (sold separately: compatible with 300 Ω/75 Ω)

Depending on the radio reception conditions, an FM feeder antenna (sold separately: compatible with 300 Ω) can be used. In the case, a converter (sold separately) is required.

When using an antenna other than those supplied with this product, refer to the operation manuals for the antenna and converter for details of connection.

When positioning the antennas, find the best position for reception while listening to an actual radio program (refer to "Listening to Radio Broadcasts" (☞ page 14)).
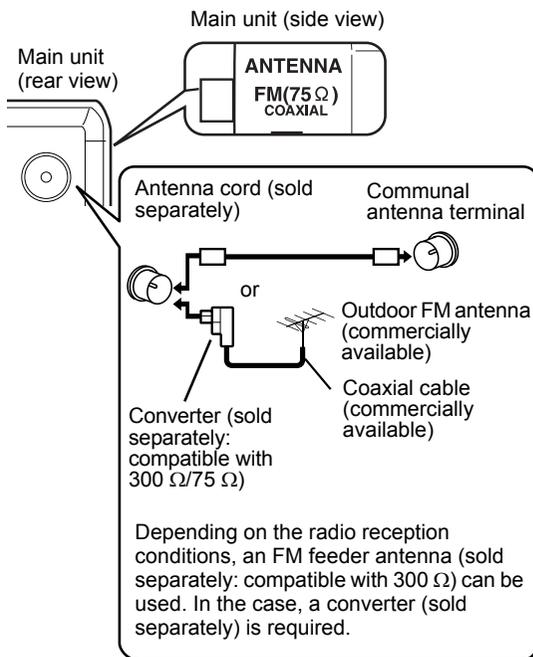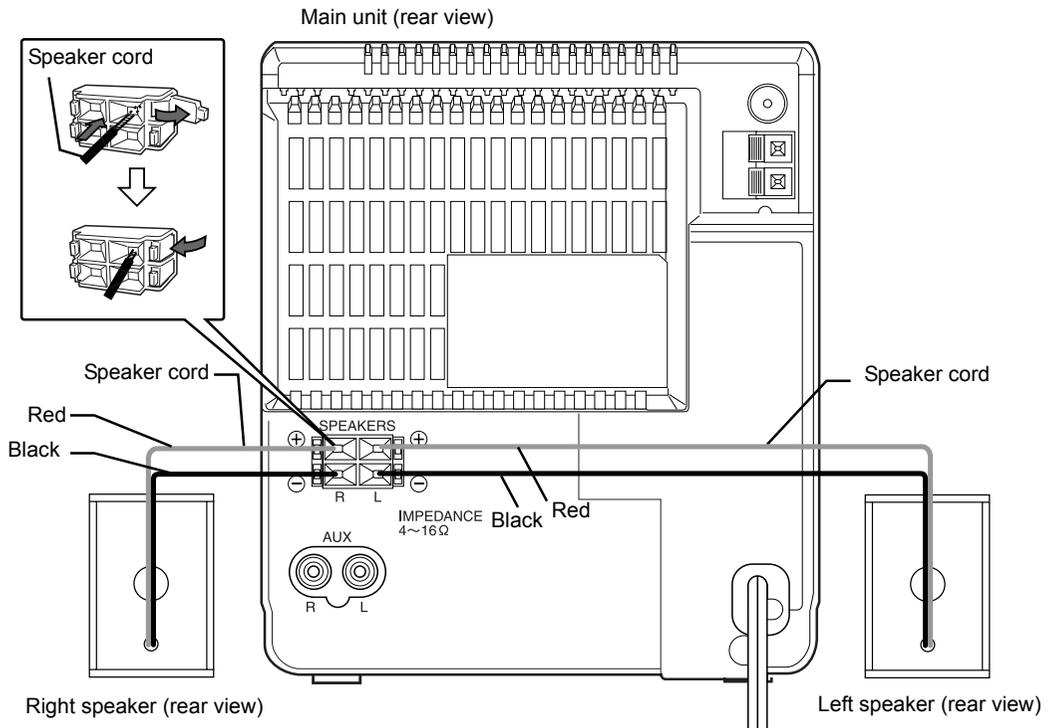
7

Connecting the Speakers

There is no difference between the left and right speakers.

After connecting the speakers, gently pull on the speaker cords to make sure the cords are firmly connected and do not pull out.
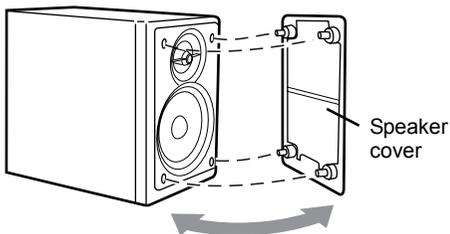
Main unit (rear view)

Speaker cord

Speaker cord

Speaker cord

Red

Black

SPEAKERS

R   L

Black   Red

IMPEDANCE
4~16Ω

AUX

R   L

Right speaker (rear view)

Left speaker (rear view)

- Do not short-circuit the ⊕ and ⊖ speaker terminals. Doing so may damage the speakers.
- Do not connect other speakers together with the supplied speakers. The change in impedance may damage the main unit and the speakers.

You can detach the speaker cover.

Speaker cover

NOTE

- Improper speaker cord connection spoils the stereo effect and sound quality.
- The impedance of speakers connected to this product must be within the range 4 Ω to 16 Ω.
- Cooling fan is built into the main unit for emitting generated heat. When you turn on the main unit, the internal cooling fan automatically starts rotating. To ensure sufficient cooling, leave a space of more than 1 cm between the main unit and the speakers or other objects.
- The supplied speakers do not conform to magnetically shielded design. Place the speakers enough distance from a TV so that they do not cause color irregularity on the TV.
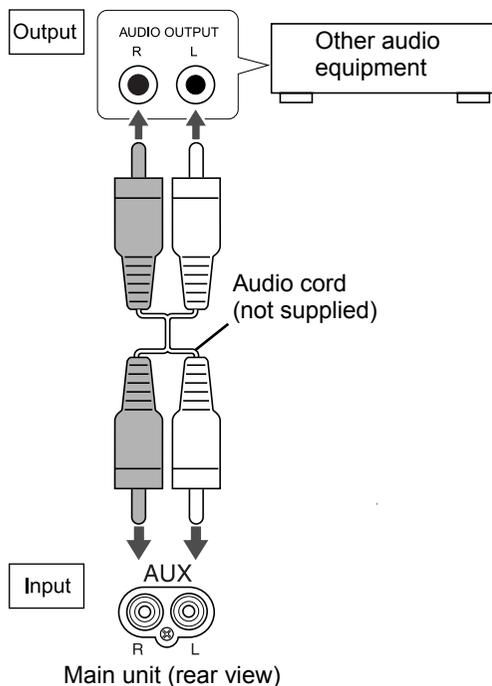
Connecting Other Equipment

Read this section when connecting other audio equipment to this product.

Output

AUDIO OUTPUT
R   L

Other audio equipment

Audio cord
(not supplied)

Input

AUX

R   L

Main unit (rear view)

CAUTION

• Before connecting other equipment, turn off both the main unit and other equipment.

Connecting the Power Plug

AC outlet   Main unit (rear view)
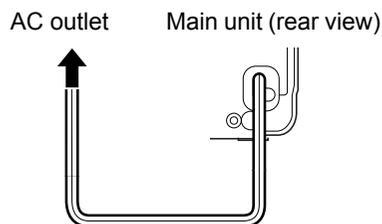
• After making all other necessary connections, connect in the power plug.

Demonstration display function

When you connect the power plug into the AC outlet, "DEMO START!" appears in the display window and the demonstration display starts.

When you press _{COLOR} /DEMO on the main unit, "DEMO OFF" appears in the display window and the demonstration display is canceled.
Turning on the main unit automatically cancels the demonstration display.

Resuming the demonstration display

With the power turned off, press COLOR /DEMO on the main unit.

> **Hiding the demonstration display**
>
> With the power turned off, hold down COLOR /DEMO
>
> until "DEMO CLEAR" appears.
> Disconnecting and then reconnecting the power plug does not start the demonstration display.
> To activate the demonstration display
>
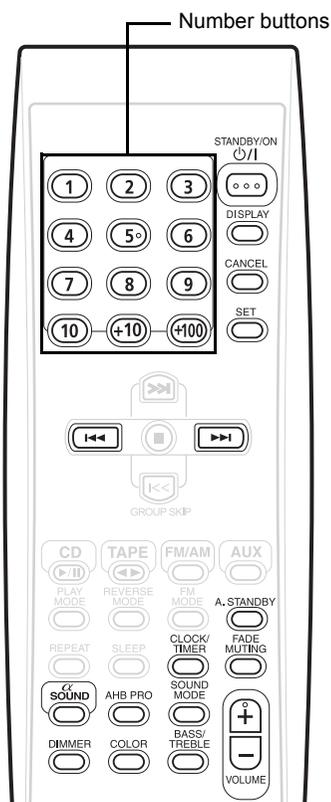> again, hold down COLOR /DEMO until "DEMO
>
> START!" appears.

NOTE

• If not using this product for a long period, disconnect the power plug from the AC outlet for safety and to save electricity.

Basic Operations

About this manual
- This manual explains the operations assuming that you will use the remote control. Some buttons on the main unit are the same as those on the remote control. You can use either button in this case.
- Some diagrams in this manual are simplified or exaggerated for the purpose of explanation.
- You can operate some functions differently from the explanation given in this manual.

Number buttons

Setting the Clock

You can set the clock while the main unit is turned either on or off.
Example: To set the clock to 10:10 a.m.

1 Press CLOCK/TIMER.

0:00

2 Set the hour.

⏮   ⏭
Back   Next

- Holding down the button causes the hour to increment.

- You can use the number buttons to specify the hour.
  Refer to "Using the number buttons" shown below.

10:00

3 Press SET.

10:00

- To return to step 2, press CANCEL.

4 Set the minute in the same manner as steps 2 and 3.

10:10
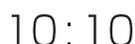
Adjusting the clock

Press CLOCK/TIMER four times to display the clock, and then adjust the clock starting from step 2.

Displaying the clock while using the main unit

Press DISPLAY repeatedly.

NOTE

- The time display on the main unit is a 24-hour clock.
- The clock will gain or lose approximately 1 minute per month.
- Set the clock again after you have disconnected the power plug or a power cut has occurred.

Using the number buttons

Examples: 3:   ③
            13:   (+10) → ③
            20:   (+10) → ⑩
            23:   (+10) → (+10) → ③
            123: (+100) → (+10) → (+10) → ③
- (+100) is used when you select an MP3 track.

Turning On/Off the Main Unit

Press [STANDBY/ON ⏻/|] (or [⏻/|] on the main unit).

• With the power off, pressing either button turns on the main unit.

Remote control: [CD ▶/⏸] [TAPE ◀▶] [FM/AM] [AUX]

Main unit: [CD ▷/⏸] [TAPE ◁▷] FM/AM AUX [CD▲]

Pressing one of these buttons other than

[CD▲] changes the sound source. When a CD or cassette tape has been loaded, playback starts.

NOTE

• Cooling fan is built into the main unit for emitting generated heat. When you turn on the main unit, the internal cooling fan automatically starts rotating.

Adjusting the Volume

Press [+ / − VOLUME].

NOTE

• You can also adjust the volume by turning the VOLUME control on the main unit.
• You can adjust the volume within the range 0 to 40.

Temporarily Turning Off the Sound (FADE MUTING)

Press [FADE MUTING].

• "FADE MUTING" appears and the volume reduces to "0".

• To return to the previous volume, press [FADE MUTING] again.

Emphasizing Heavy Bass Sound (AHB PRO)

Press [AHB PRO].

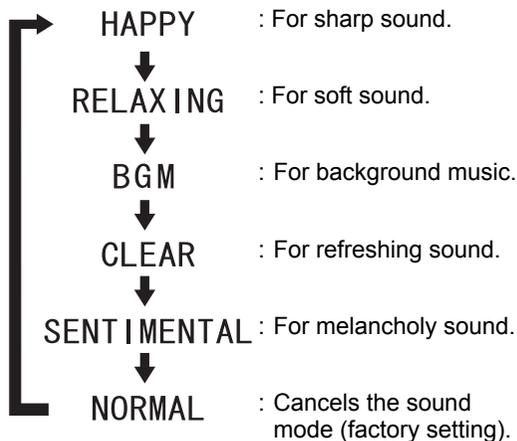• Each time you press [AHB PRO], AHB PRO function toggles between "ON" and "OFF".
• While AHB PRO function is activated, [AHB PRO] is displayed in the display window.
• "AHB PRO" stands for "Active Hyper Bass PRO".

Sound Mode

Press [SOUND MODE].

• Each time you press [SOUND MODE], the display toggles as follows.

HAPPY   : For sharp sound.
↓
RELAXING   : For soft sound.
↓
BGM   : For background music.
↓
CLEAR   : For refreshing sound.
↓
SENTIMENTAL : For melancholy sound.
↓
NORMAL   : Cancels the sound mode (factory setting).

• While the sound mode is set to an item other than "NORMAL", **SOUND** is displayed in the display window.

NOTE

• This function does not affect recording sound.

Sound mode
A combination of JVC sound technologies enables you to select the desired sound pattern.

Adjusting the Sound Quality

1 Press [SOUND MODE] repeatedly to display "NORMAL".

2 Press [BASS/TREBLE] to display "BASS" or "TREBLE".

BASS   : Adjusts the bass sound.

TREBLE : Adjusts the treble sound.

3 While "BASS" or "TREBLE" is displayed in the display window, press [+ / − VOLUME] to adjust the sound quality.

• You can adjust the sound quality within the range -5 to +5.
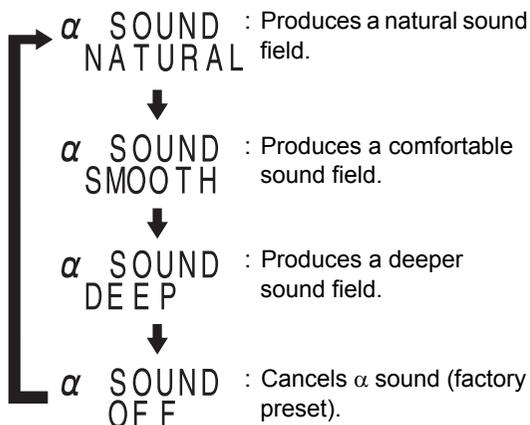• The display returns to the sound source display in a few seconds.

• While the sound mode is activated, "NO OPER-ATE" is displayed and you cannot adjust the sound quality (☞ page 11).
Canceling the sound mode returns both the bass and treble sounds to "0".

α Sound

Press α SOUND .

• Each time you press α SOUND , the display toggles as follows.

α SOUND NATURAL : Produces a natural sound field.

↓

α SOUND SMOOTH : Produces a comfortable sound field.

↓

α SOUND DEEP : Produces a deeper sound field.

↓

α SOUND OFF : Cancels α sound (factory preset).

• While α sound is activated, α SOUND is displayed in the display window.

NOTE

• This function does not affect recording sound.
• While the sound mode is activated, using α sound cancels the sound mode (☞ page 11). Conversely, while α sound is activated, using the sound mode cancels α sound.
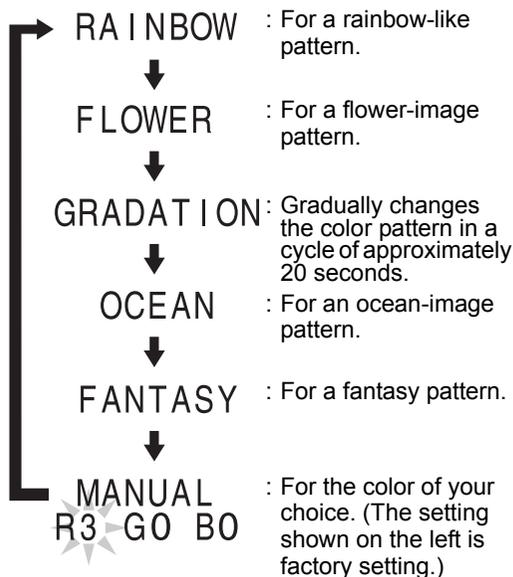
α Sound

α (alpha) waves are regarded as one type of brain wave that is emitted when a person is relaxed. JVC's α DIMENSION SOUND function is designed to produce natural and comfortable sound that makes you feel relaxed. The natural surround effect is completed by
1) modulation which adds fluctuation with the α wave frequency to subtracted waves (left-right indirect sound)
2) sound correction for covering the middle range of waves in music signals which naturally tend to dissipate.

## Changing the Color Patterns for the Display Window and CD Tray

Press COLOR (or COLOR/DEMO on the main unit).

• Each time you press COLOR , the display toggles as follows.

RAINBOW : For a rainbow-like pattern.

↓

FLOWER : For a flower-image pattern.

↓

GRADATION : Gradually changes the color pattern in a cycle of approximately 20 seconds.

↓

OCEAN : For an ocean-image pattern.

↓

FANTASY : For a fantasy pattern.

↓

MANUAL R3 GO BO : For the color of your choice. (The setting shown on the left is factory setting.)

Setting your favorite color for the display window and CD tray

1 Press COLOR repeatedly to display "MANUAL".

2 Press ⏮ or ⏭ to select a component color.

MANUAL
R3 GO BO

Red Green Blue
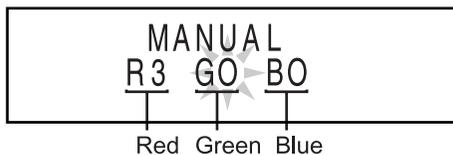
• Numerical value of the selected component color flashes.

(Continued)
Basic Operations

For the locations of remote control buttons, refer to page 10.

3 **Press** ⊞ **to adjust the intensity of**

the component color.
- You can adjust the color intensity within the range "0" to "3".
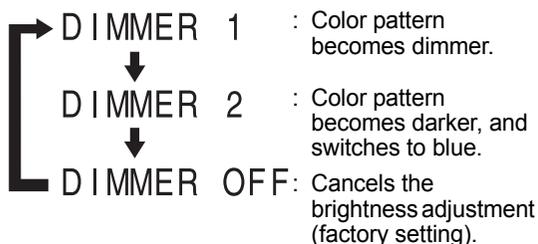 You cannot set all three component colors (red, green, and blue) to "0" at the same time.

NOTE

- You can also adjust the color intensity by turning the VOLUME control on the main unit.
- After you have adjusted each component color, the display returns to the sound source display in approximately 8 seconds.
- You cannot set different colors for the display window and CD tray.
- When you operate a button on the main unit or remote control, the display window and CD tray light in pale blue for approximately 2 seconds.
- When recording finishes, the color of the display window and CD tray switches to the color set in "MANUAL" to inform you that recording has finished.
  When you operate the main unit after recording finishes, the color pattern for the display window and CD tray returns to the selected pattern.

Changing the brightness of the display window and CD tray (DIMMER)

Press ⊚.
- Each time you press ⊚, the display toggles as follows.

D I MMER　1 : Color pattern becomes dimmer.
　↓
D I MMER　2 : Color pattern becomes darker, and switches to blue.
　↓
D I MMER　OFF : Cancels the brightness adjustment (factory setting).

NOTE

- Once you press ⊚ to change the color pattern, the brightness returns to the factory setting.
- When you turn off the main unit, the brightness also returns to the factory setting.
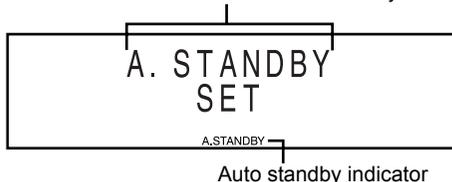- You cannot turn off the color pattern.

Auto Standby

If no sound is produced for 3 or more minutes when the CD or cassette tape is selected as a sound source, the main unit automatically turns off.

■When the CD or cassette tape is selected as a sound source

Press ⊚ **.**

"A. STANDBY" stands for "Auto Standby".

A. STANDBY
SET

A.STANDBY

Auto standby indicator

Auto standby performance

When playback or recording finishes, auto standby starts the countdown (The "A.STANDBY" indicator flashes). When no operation is carried out within 3 minutes, the main unit automatically turns off.
When you start playback or recording within 3 minutes, auto standby starts the countdown again after playback or recording finishes.
When an operation other than playback and recording finishes and no operation is carried out within 3 minutes, the main unit automatically turns off.

"A. STANDBY OFF" starts to flash 20 seconds before the main unit is to turn off.

Canceling auto standby

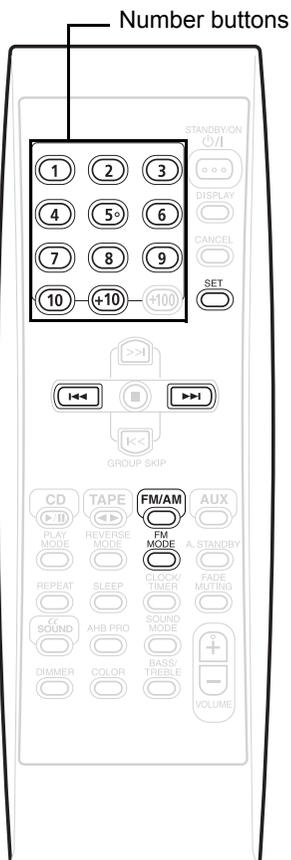**Press** ⊚ **once again.**

A. STANDBY
CANCEL

NOTE

- Leaving the volume at "0" is not the same as producing no sound, and therefore does not start the auto standby function.
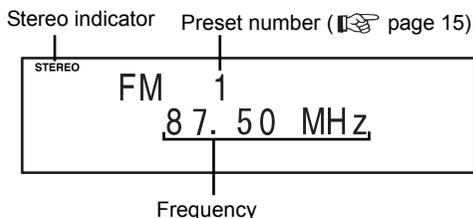
Listening to Radio Broadcasts

This product can receive FM and AM radio broadcasts.

Number buttons

Selecting a Radio Station

1 Press (FM/AM) to select "FM" or "AM".

Example: Display while an FM radio broadcast is received.

Stereo indicator   Preset number (☞ page 15)

```
STEREO
        FM   1
          87.50 MHz
```

Frequency

2 Press ⏮ or ⏭ repeatedly to select a radio station (frequency).
• You can also select a radio station using the automatic tuning.

Automatic tuning:
Hold down ⏮ or ⏭ until the frequency starts changing, and then release the button. When the main unit has received a broadcast, the frequency automatically stops changing. To quit the function while searching for a broadcast, press ⏮ or ⏭.

• When the main unit has received an FM stereo broadcast, "STEREO" lights up.

NOTE

• If an FM stereo broadcast is difficult to hear because of noise, you may be able to hear more easily by pressing (FM MODE) to switch the sound to monaural reception. In this case, "MONO" lights up. To return the sound to stereo reception, press (FM MODE) again or select another FM radio station.

14

Storing Radio Stations (Preset)

You can store up to 30 FM radio stations and up to 15 AM radio stations.

■While the broadcast from the radio station you want to preset is being received

1 Press ⬯ (SET).

   • The preset number flashes for approximately 5 seconds.

2 While the preset number is flashing, press the number buttons (① - ⑩ or +10) to select the preset number you want to use.
   • Refer to "Using the number buttons"

     (☞ page 10).

3 While the selected number is flashing, press ⬯ (SET).

   • "STORED" appears and the selected radio station is stored.

   ┌─────────┐
   │ NOTE   │
   └─────────┘─────────────────────────

   • When you store a radio station to a preset number to which another radio station has previously been stored, the newly set radio station replaces the previously stored radio station.

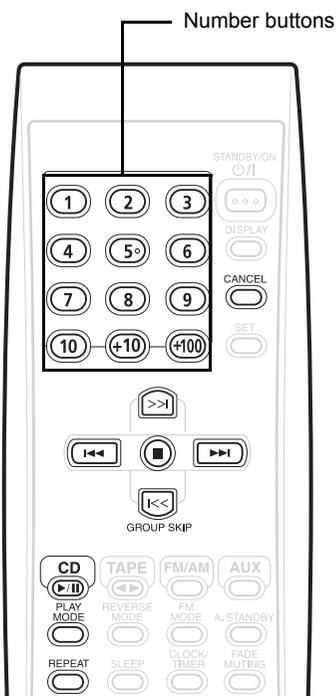## Tuning In to a Preset Radio Station

■While an FM or AM broadcast is being received

Use the number buttons to select the preset number of the radio station to which you want to tune in.
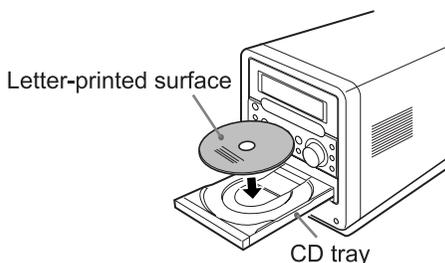
   Refer to "Using the number buttons"

   (☞ page 10).

Listening to CDs

This product can play back CDs and finalized CD-Rs/CD-RWs (recorded in audio CDs or MP3 format).

Number buttons

	Operation
Stop	Press (■).
Pause	Press (CD ▶/II) during playback. Pressing (CD ▶/II) again resumes playback.
Skip	(I◀◀): Press the button repeatedly. (▶▶I): (>>I) : Repeatedly press or hold (I<<) : down the button to skip GROUP SKIP : groups (only for MP3s). You can also use ◯ ◯ on the main unit to skip groups.
Fast forward/ Rewind (Search)	(I◀◀): Hold down the button during (▶▶I): playback.
Eject	Press ◯ CD▲ on the main unit.

1 Press ◯ CD▲ on the main unit.
• The CD tray comes out.

2 Place a CD on the CD tray.

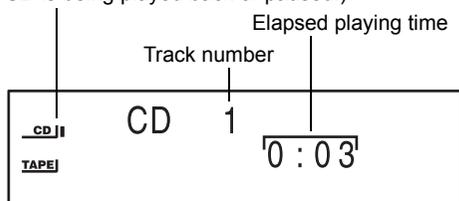Letter-printed surface

CD tray

• When you want to listen to an 8 cm CD, place it on the inner hollow of the CD tray.
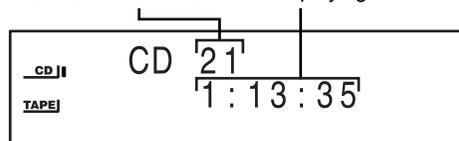
3 Press (CD ▶/II).

■Display during CD playback
CD indicator
(The CD indicator lights up while the CD is stopped. The CD indicator flashes while the CD is being played back or paused.)
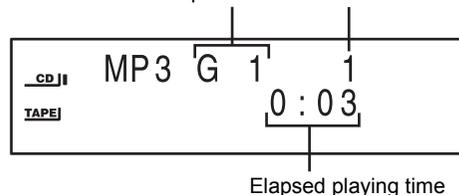
Elapsed playing time
Track number

CD   1   0 : 0 3

■Display while the CD is stopped
Total number of tracks   Total playing time

CD 2 1   1 : 1 3 : 3 5

■Display during MP3 disc playback
Group number   Track number

MP3 G 1   1
0 : 0 3

Elapsed playing time
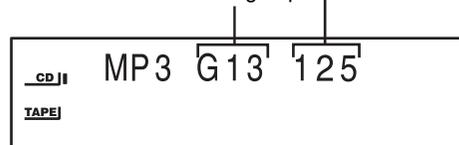
• At first, a track title (file name) is scrolled.
• Tag information (title/artist/album) is scrolled followed by a track title.
• Only alphanumerical characters are displayed properly as a track title or tag information.

■Display while the MP3 disc is stopped
Total number of tracks
Total number of groups

MP3 G 1 3   1 2 5

Specifying the Track (Direct Track Selection)

Press the number buttons to select the track you want to listen to.
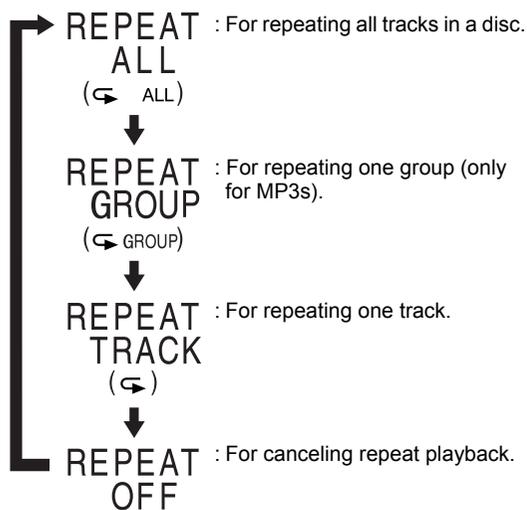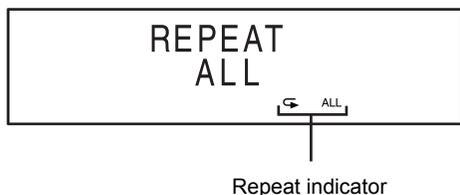
• Refer to "Using the number buttons" (☞ page 10).

Repeat Playback

This function allows you to repeatedly listen to the same track.

During CD playback, press ⓞ REPEAT repeatedly to select the repeat mode.

• Each time you press ⓞ REPEAT, the display toggles as follows.

Example: While "REPEAT ALL" is selected

```
  REPEAT
   ALL
           ↺  ALL
```

Repeat indicator

REPEAT ALL (↺ ALL) : For repeating all tracks in a disc.

REPEAT GROUP (↺ GROUP) : For repeating one group (only for MP3s).

REPEAT TRACK (↺) : For repeating one track.

REPEAT OFF : For canceling repeat playback.

> **NOTE**
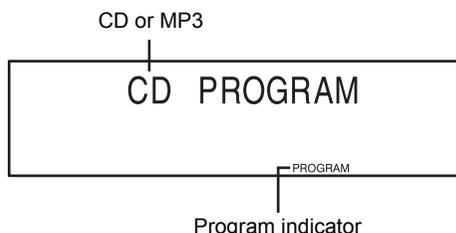> • Ejecting the CD or turning off the main unit also cancels repeat playback.

Program Playback
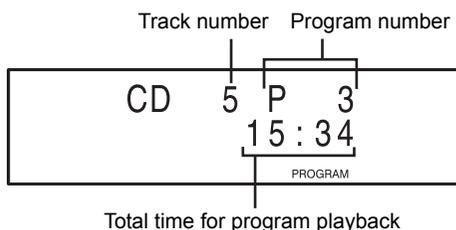
This function allows you program up to 50 tracks.

1 Press (CD ▶/❚❚), and then press (■).

2 Press (PLAY MODE) to select "PROGRAM".

CD or MP3

```
  CD  PROGRAM
                    PROGRAM
```

Program indicator

3 Press the number buttons to select the track numbers.

• Refer to "Using the number buttons" (☞ page 10).

For CDs

Track number   Program number

```
  CD    5  P   3
            15 : 34
              PROGRAM
```

Total time for program playback

For MP3s

Track number

```
  MP3          5
  P. STEP    3
              PROGRAM
```

Program number
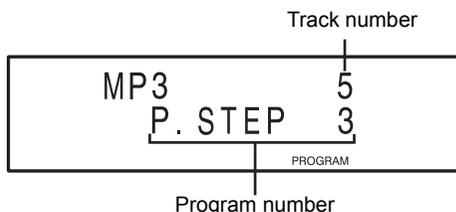
> **NOTE**
> • When you want to erase the program, press ⓞ CANCEL while playback is stopped. Programmed tracks are erased one by one from the last track. Holding down ⓞ CANCEL erases all programmed tracks.
> • When you try to program the 51st track, "MEMORY FULL" appears in the display window to indicate that 51 or more tracks cannot be programmed.
> • When total time for program playback reaches 1 hour 40 minutes, "--:--" appears.
> • When you program tracks from an MP3, the total time is not displayed.

4 Press (CD ▶/❚❚).

For the locations of remote control buttons, refer to page 16.

Listening to CDs

Confirming the programmed track order

While playback is stopped, press [⏮] or [⏭] repeatedly.

• You can add a track as the last track in the program, or erase the last track.
(☞ step 3 on page 17)

Canceling the program playback

While playback is stopped, press PLAY MODE repeatedly to display an item other than "PROGRAM".

• This operation does not erase the program.

Erasing the all programmed tracks

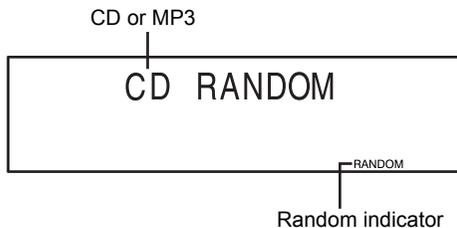### While playback is stopped, hold down CANCEL.

NOTE

• Ejecting the CD or turning off the main unit also cancels the all programmed tracks. This operation also cancels program playback.

Random Playback

This function allows you to listen to tracks in random order.

1 Press [CD ▶/❙❙], and then press [■].

2 Press PLAY MODE repeatedly to select "RANDOM".

CD or MP3

```
CD  RANDOM
                    RANDOM
```

Random indicator

3 Press [CD ▶/❙❙].

NOTE

• Pressing [⏮] repeatedly does not return playback to the previous track.
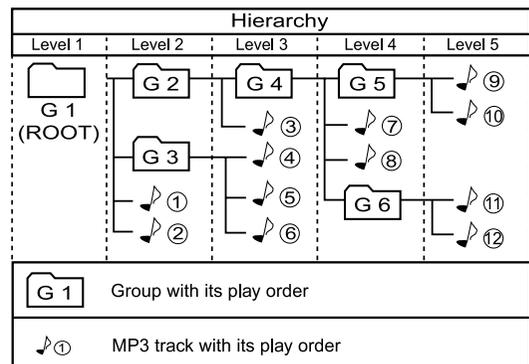• Each track is played back once.

Canceling the random playback

While playback is stopped, press PLAY MODE repeatedly to display an item other than "RANDOM".

NOTE

• Ejecting the CD or turning off the main unit also cancels random playback.

Notes on MP3s

• This product will only recognize sound file (tracks) types with "MP3" or "mp3" as extensions, which can be in any combination of upper or lower case.
• It is recommended that you record MP3 tracks at a 44.1 kHz sampling frequency, using a 128 kbps data transfer rate.
• Some MP3 tracks may not be played back because of their characteristics or recording conditions.
• You can playback the discs containing the tracks in music CD format or MP3 files in ISO 9660 format.
• MP3 discs require a longer readout time than normal discs.

Hierarchy				
Level 1	Level 2	Level 3	Level 4	Level 5

G 1	Group with its play order
♪①	MP3 track with its play order

• This product recognizes up to 999 tracks on a disc (or less depending on the recording condition of a disc).

Listening to Cassette Tapes
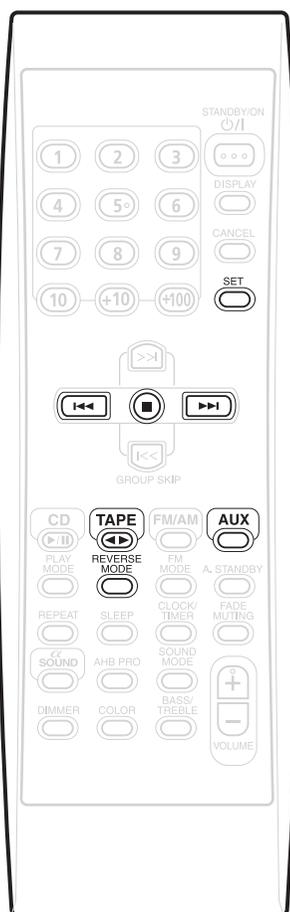
Cassette tape indicator
(The cassette tape indicator lights up while the cassette tape is stopped. The cassette tape indicator flashes while the cassette tape is being played back.)
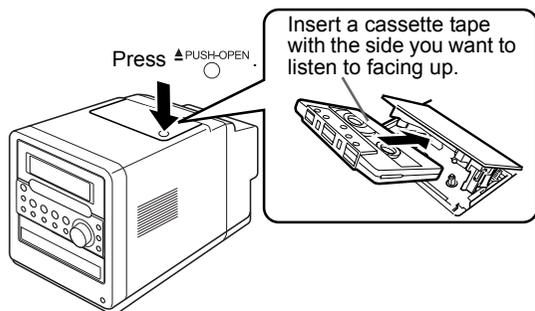
```
 CD |                    TAPE
TAPE ||
   ►   ⊐)
```

Reverse mode

Cassette tape playback direction (►: normal direction/◄: opposite direction)

CAUTION

- Before using a cassette tape, wind up any slack in the cassette tape. (☞ page 27)
- Do not use long cassette tapes such as C-120 or C-150. Long cassette tapes are thin and stretch easily, and may become tangled in the inner part of the main unit.
- This product is compatible with playback of TYPE I cassette tapes. Playback of TYPE II or TYPE IV cassette tapes is not recommended, because this product does not meet the specifications for these tapes. The main unit does not produce the proper sound from these cassette tape types.

2 Press REVERSE MODE repeatedly to select the reverse mode.

⊐) : For one return playback of both sides.

(⊐) : For repeated playback of both sides (Playback continues until playback is stopped.)

⊐ : For one-way playback of either side.

3 Press TAPE.
- Playback starts.
- When the main unit is turned off, pressing TAPE automatically turns on the main unit.
- Each time you press TAPE, the cassette tape playback direction changes. The initial playback direction after you have inserted a cassette tape is always the normal direction.
- The cassette tape playback direction indicator facing right ► is displayed during normal playback. The indicator facing left ◄ is displayed during reverse playback.

	Operation
Stop	Press ⊙.
Fast forward/ Rewind	Press ►►I or I◄◄. When a cassette tape is played back in the normal direction (►), ►►I is fast forward and I◄◄ is rewind. When the cassette tape is played back in the opposite direction (◄), I◄◄ is fast forward and ►►I is rewind.

1 Insert a cassette tape.

Press ▲PUSH-OPEN.

Insert a cassette tape with the side you want to listen to facing up.

Listening to Other Equipment

You can listen to sound from other audio equipment connected to the AUX terminals on the rear side of the main unit (☞ page 9).

1 Press $\overset{\text{AUX}}{\bigodot}$.

```
              AUX
```

2 Start other equipment playback.
   • Refer to the operation manual for the connected equipment.

3 Adjust the volume and make other necessary settings.
   • For adjusting the volume and making other necessary settings, refer to "Basic Operations" (☞ pages 11 - 13).

Adjusting the Sound Input Level from Other Equipment

You can adjust the sound input level from the connected equipment.
 • While the sound source is selected to AUX, you can adjust the sound input level.

Hold down $\overset{\text{SET}}{\bigodot}$ until the input level appears.

• Each time you hold down $\overset{\text{SET}}{\bigodot}$, the display toggles as follows.
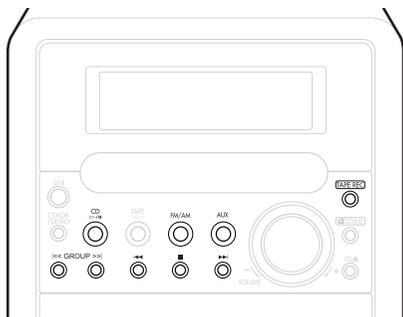
   LEVEL 1 For ordinary use. (factory setting)
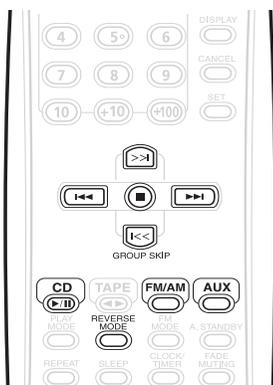
         ↕

   LEVEL 2 For increasing the input level from the connected equipment.

Recording Sound to Cassette Tapes

Main unit

Remote control

NOTE

- The sound input level during recording is automatically adjusted.
- When you record tracks from a CD or MP3, a 4-second blank is inserted between tracks in the recording. You can record tracks with no blank time. (☞ page 22)


CAUTION

- **It may be unlawful to record or playback copyright material without the consent of the copyright owner.**
- Do not use long cassette tapes such as C-120 or C-150. Long cassette tapes are thin and stretch easily, and may become tangled in the inner part of the main unit.
- Since this product is not compatible with TYPE II and TYPE IV cassette tapes, do not use these types of cassette tapes. This product does not meet the specifications for these tapes, so sound is not properly recorded to these types of cassette tapes. You cannot obtain proper playback sound.

Preventing recorded sound from being erased

- Write protect tags are attached to a cassette tape for preventing the erasing of recorded sound. They enable you to avoid losing important recordings because once you snap off the write protect tags, you cannot record to the cassette tape or erase recorded material.
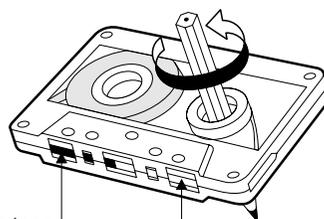
- When you want to use the cassette tape for recording again, cover the tag holes with adhesive tape.
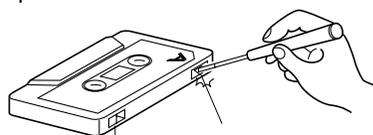
Write protect tag for side B   Write protect tag for side A

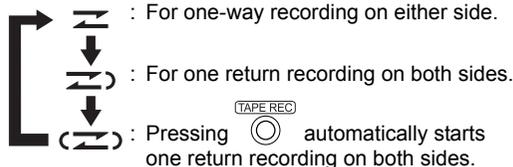**1** **Insert a cassette tape for recording.**
- Before inserting the cassette tape, wind the tape past the leader part of the cassette tape.

Magnetic tape (recordable part)   Leader tape (unrecordable part)

2 **Press ⬭ REVERSE MODE to select the reverse mode.**

- Each time you press ⬭ REVERSE MODE, the display toggles as follows.

: For one-way recording on either side.

: For one return recording on both sides.

: Pressing TAPE REC ◯ automatically starts one return recording on both sides.

3 **Select a sound source for recording.**

Sound source	Operation
CD or MP3	Press (CD ►/Ⅱ), and then press (■). (The CD is stopped.)
Radio broadcast	Select the radio station whose broadcast you want to record (☞ page 14).
Sound from other equipment (AUX)	Press (AUX) and prepare playback on the other equipment (☞ page 20).

4 **Press TAPE REC ◯ on the main unit.**

21

Example: Display while CD sound is recorded.

```
 CD  →  TAPE
  1       0:10
```

- When all tracks from a CD or MP3 are recorded to the cassette tape or the cassette tape is fully wound, the recording stops automatically.
- When you want to record sound from other equipment, start playback on the connected equipment.
- When recording finishes, the color pattern of the display window and CD tray switches to the color pattern set in "MANUAL" to inform you that recording has finished (☞ pages 12 and 13).

Quitting Recording

Press ◉.

Recording Only One Track from a CD or MP3

Before proceeding to step 4 on page 21, play back the track you want to record.

- Pressing ◯ (TAPE REC) in step 4 returns playback to the beginning of the track and only that track is recorded.

Recording the Second or Subsequent Track to the Last Track from a CD or MP3

Before proceeding to step 4 on page 21, select the starting track number with ⏮ or ⏭.

- Pressing ◯ (TAPE REC) in step 4 starts this product recording from the selected track to the last track.
- (Only for MP3s) You can also select the starting group number by pressing ⏩ or ⏪. You can also use ◯ ◯ (GROUP SKIP |<< GROUP >>|) on the main unit to skip groups.

Program Recording from a CD or MP3

Before proceeding to step 4 on page 21, program the tracks you want to record (☞ page 17).

Recording with No Blank Time between Tracks

Before proceeding to step 4 on page 21, pause playback of a CD or MP3.

Erasing Recorded Sound from a Cassette Tape

Select the sound from other equipment (AUX) in step 3 on page 21, and then press ◯ (TAPE REC).

- Do not play back any tracks on the connected equipment.

NOTE

- If the cassette tape reverses direction while a track is being recorded from a CD or MP3, this product starts recording that track again from the beginning onto the reverse side of the cassette tape. However, if 12 or less seconds of that track were recorded onto the first side of the cassette tape, recording to the reverse side of the cassette tape starts from the beginning of the previous track.
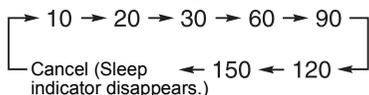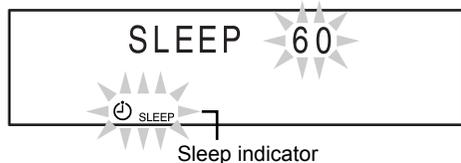
Using the Timers

Number buttons
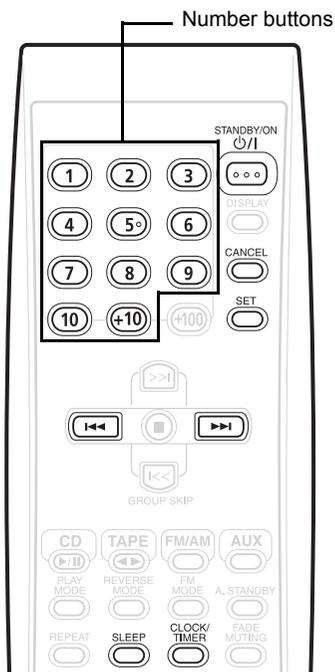
Sleep Timer

When the specified time passes, the main unit automatically turns off.

Press ⊙ SLEEP.

• Each time you press ⊙ SLEEP, the time display (in minutes) toggles as follows.

```
  ┌→ 10 → 20 → 30 → 60 → 90 ┐
  └─ Cancel (Sleep    ← 150 ← 120 ◄┘
     indicator disappears.)
```

Example: To set the sleep timer to 60 minutes

SLEEP   60

Sleep indicator

NOTE

• When you set the sleep timer, the display window automatically dims.
• Before the clock has been set (While "0:00" is flashing), when you press ⊙ SLEEP, "CLOCK ADJUST!" appears.

Changing the sleep timer setting

• Press ⊙ SLEEP repeatedly to select the time again.

Confirming the sleep timer setting (remaining time)

• With the sleep timer activated, press ⊙ SLEEP once.

Recording Timer

You can use the recording timer function to record FM/AM broadcasts or sound from other equipment to a cassette tape.
You can enter up to three timer settings in total for the recording timer and the playback timer (☞ page 25).

NOTE

• Timer settings remain unchanged until the timer is replaced by new setting.

---

1 Prepare the sound source.

Radio	Preset the radio station whose broadcast you want to record. (☞ page 15)
Other equipment	Follow the operation manual for the equipment.

2 Insert a cassette tape. (☞ page 19)

3 Press ⊙ CLOCK/TIMER repeatedly to select "TIMER1", "TIMER2" or "TIMER3".

Example: When "TIMER1" is selected

```
TIMER1→ SET
OFF?→CANCEL
     ⊙¹
```

Timer number

4 Press ⊙ SET.
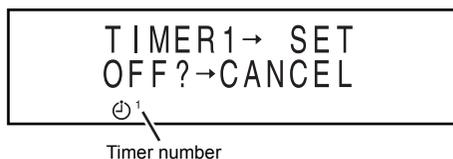
5 Set the starting time and ending time.

Example: To set the recording time from 6:30 a.m. to 6:45 a.m.
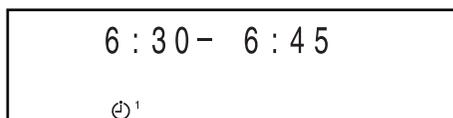
```
6:30-  6:45

    ⊙¹
```

• For setting the clock, refer to "Setting the Clock" (☞ page 10).

Entering the hour → ⊙ SET → Entering the minute → ⊙ SET

6 Press ⏮ or ⏭ to select "ONCE" or "EVERYDAY".

ONCE : The recording timer works once.

EVERYDAY: The recording timer works every day.

7 Press ⏺ᴿᴱᵀ.

8 Press ⏮ or ⏭ to select "REC TIMER".

• "REC" stands for "Recording".

9 Press ⏺ᴿᴱᵀ.

10 Press ⏮ or ⏭ to select a sound source.

Example: To record an FM broadcast to a cassette tape

```
FM    → TAPE

  ⏱¹  REC
```

• When you want to record sound from other equipment, you cannot use the recording timer function to start playback on any equipment other than this product.

■ When you want to record an FM/AM radio broadcast

• Press ⏺ᴿᴱᵀ, and then press ⏮, ⏭ or the number buttons to select the preset number of the radio station whose broadcast you want to record. Refer to "Using the number buttons" (☞ page 10).

11 Press ⏺ᴿᴱᵀ.

• The settings appear in the display window. Confirm the settings.

12 When the main unit is on, press

⏻ᴼᴺ/ᴼᶠᶠ 📻 to turn off the main unit.

```
   SEE YOU

  ⏱¹  REC
```

• While the recording timer is functioning, the volume is set to "0" and no sound is produced from the speakers or headphones.
• The recording timer is available only when the main unit is turned off.

NOTE

• During operation, you can return to the previous step by pressing ⏺ᴄᴬᴺᶜᴱᴸ. You can quit the recording timer settings by pressing ⏺ᶜᴸᴼᶜᴷ/ᵀᴵᴹᴱᴿ. The settings are not stored.

Canceling the recording timer

In step 3 on page 23, select the timer number you want to cancel, and then press ⏺ᴄᴬᴺᶜᴱᴸ.

Even when you cancel the recording timer, the setting remains stored.

Activating the recording timer again

In step 3 on page 23, select the timer number you want to activate, and then press ⏺ᴿᴱᵀ repeatedly until all of the setting procedure finishes. Then turn off the main unit.

NOTE

• When you want to activate two or three recording timers, leave a blank time of 2 or more minutes between the ending time of the first recording timer and the starting time of the second recording timer. If the blank time is less than 2 minutes, the second recording timer does not work.
• When the power plug is disconnected or the power is cut, the recording timer settings may be lost. If the settings are lost, set the clock and recording timer again.
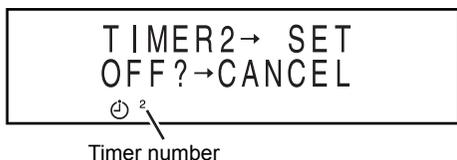

Playback Timer

1 Prepare the sound source you want to play back.

CD or MP3	Make sure that a CD is loaded. (☞ page 16)
Cassette tape	Insert a cassette tape. (☞ page 19)
Radio	Preset the radio station whose broadcast you want to listen to. (☞ page 15)
Other equipment	Follow the operation manual for the equipment.

2 Press ⟲ (CLOCK/TIMER) repeatedly to select "TIMER1", "TIMER2" or "TIMER3".

Example: When "TIMER2" is selected

```
TIMER2→ SET
OFF?→CANCEL
        ⏲ 2
```

Timer number

3 Press ⟲ (SET).

4 Set the starting time and ending time.

Example: When you want to set the playback time from 7:00 a.m. to 7:30 a.m.
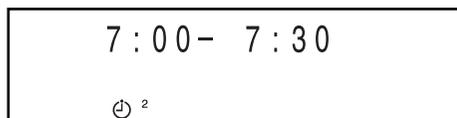
```
7:00- 7:30
        ⏲ 2
```

• For setting the clock, refer to "Setting the Clock" (☞ page 10).

Entering the hour → ⟲ (SET) → Entering the minute → ⟲ (SET)

5 Press ⏮ or ⏭ to select "ONCE" or "EVERYDAY".

ONCE : The playback timer works once.
EVERYDAY: The playback timer works every day.

6 Press ⟲ (SET).

7 Press ⏮ or ⏭ to select "PLAY TIMER".

8 Press ⟲ (SET).

9 Press ⏮ or ⏭ to select the sound source you want to play back.

Example: When you want to listen to an AM broadcast

```
    AM
        ⏲ 2
```

• When you want to listen to sound from other equipment, you cannot use the playback timer function to start playback on any equipment other than this product.
• You cannot use the playback timer function together with program playback, repeat playback or random playback of a CD or MP3.

■ When you want to listen to an FM/AM radio broadcast

• (With "FM" or "AM" selected) Press ⟲ (SET), and then press ⏮, ⏭ or the number buttons to select the preset number of the radio station whose broadcast you want to listen to (☞ page 15). Refer to "Using the number buttons" (☞ page 10).

■ When you want to play back a CD or MP3

• (With "CD" selected) Press ⟲ (SET), and then press ⏮, ⏭ or the number buttons to select the number of the track you want to play back first. Refer to "Using the number buttons" (☞ page 10).

10 Press ⟲ (SET).

11 Press ⏮ or ⏭ to adjust the playback volume.

12 Press ⟲ (SET).

• The settings appear in the display window.

13 When the main unit is turned on, press ⊙ (STANDBY/ON) to turn off the main unit.

```
  SEE YOU
        ⏲ 2
```

• The playback timer is available only when the main unit is off.

25

CD Ejection Lock

You can prohibit ejection of a CD.

■When the main unit is turned off

While holding down ⬛○ , press CD▲○ on the main unit.

```
LOCKED
```

Even if you press CD▲○ , "LOCKED" appears in the display window and the CD does not come out.

In addition, when you press CD▲○ , while the main unit is turned off, "LOCKED" appears in the display window and the main unit does not turn on.

Canceling the CD ejection lock

■When the main unit is turned off

Carry out the operation explained above once again.

```
UNLOCKED
```

Canceling the playback timer function

In step 2 on page 25, select the timer number you want to cancel, and then press CANCEL○ .
Even when you cancel the playback timer, the setting remains stored.

Activating the playback timer again

In step 2 on page 25, select the timer number you want to activate, and then press SET○ repeatedly until all of the setting procedure finishes. Then turn off the main unit.
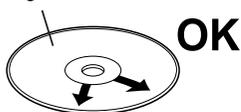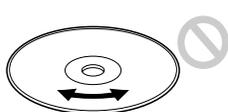
Handling CDs/Cassette Tapes

Handling CDs

- Do not put adhesive tape or stickers, or write on a CD.
- Do not bend a CD.
- Be sure not to use heart/flower shaped CDs or other irregularly shaped CDs. The use of such CDs damages the main unit.

Cleaning CDs

Signal surface

OK

Wipe a CD from the center outward with a soft cloth.

Scratches concentrated on a certain part cause sound dropout.

- Be sure not to use thinners, benzenes, cleaners for analog records, or other chemical agents.

Handling cassette tapes

- A slack tape may become caught in the inner part of the main unit and damage the main unit. Before using a cassette tape, wind up any slack in the cassette tape as shown on the right. Do not pull out the tape or touch the tape's surface.
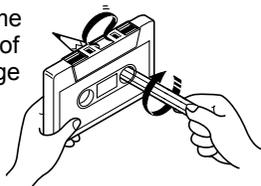
Cleaning the tape deck head

Clean the head, pinch rollers and capstans approximately every 10 hours of playback time before the volume falls or sound quality deteriorates

Capstans

Cotton-tipped swab moistened with alcohol

Pinch roller   Head   Pinch roller
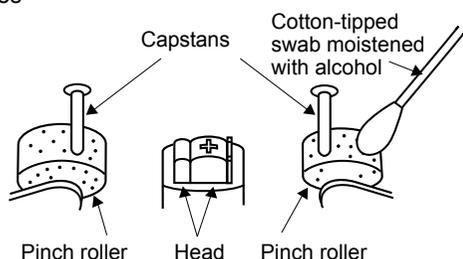
Cleaning the main unit cabinet

- Gently dust the cabinet surface with a soft dry cloth. When the cabinet is very dirty, dampen the cloth with a neutral detergent diluted with water, wring out the cloth well, and then wipe the cabinet with the dampened cloth followed by a soft dry cloth.
- Do not wipe the cabinet with thinners or benzenes. Wiping it with these agents may cause discoloration of the cabinet or removal of the paint. Do not spray insecticides or other highly volatile agents onto the cabinet. Do not leave pieces of rubber or plastic on the cabinet for a long period.

CD Messages

CD message	Meaning	Possible solution
CANNOT PLAY	You are trying to play back an unplayable CD or a CD that has many scratches.	Replace the CD.
CD NO DISC	No CD is loaded.	Place a CD on the CD tray.

Troubleshooting

Check the following points before contacting the JVC service center.

Problem	Possible cause	Possible solution	Reference page
No sound is produced from the speakers.	Improper connection.	Connect all cords properly as in "Connections".	8
	Headphones are connected.	Disconnect the headphone plug.	4
	The MP3 disc is recorded utilizing "packet writing".	This product cannot play back this type of MP3 disc. Replace the disc.	–
The clock display is flashing.	The main unit is turned off because of a power cut. The power plug is disconnected.	Reset the clock.	10
CD playback does not start.	The CD is upside down.	Place the CD on the CD tray with the letter-printed surface facing up.	16
	Moisture has condensed on the lens.	Leave the main unit turned on, wait for approximately 1 or 2 hours, and then operate the main unit.	2
A certain point cannot be played back properly.	The CD is scratched or dirty.	Clean or replace the CD.	27
Certain tracks on an MP3 disc cannot be played back.	These tracks were recorded in a format other than MP3 format.	This product cannot play back this type of MP3 disc. Replace the disc.	–
The volume of cassette tape playback is low.	The head or capstans are dirty.	Clean the head or capstans.	27
You cannot record cassette tape playback.	The cassette tape is write-protected.	Cover the write protect tag holes on the cassette tape with adhesive tape.	21
A radio broadcast cannot be received.	No antenna is connected.	Connect an antenna.	6, 7
A whirring noise is produced.	The main unit is located close to a TV, computer, or other electric appliance.	Place the main unit away from a TV, computer, or other electric appliance.	2
The timer does not function.	You did not set the clock.	Set the clock.	10
	The main unit is turned on.	After setting the timer, turn off the main unit.	24, 25
You cannot operate the remote control.	The remote control batteries are running low.	Replace the batteries with new batteries.	5
Operations are disabled.	The built-in microprocessor may malfunction due to external electrical interference.	Disconnect the power plug, and then connect it back in.	–
When you turn on the main unit, a noise comes out from the rear of the main unit.	The internal cooling fan produces the noise as it rotates.	The noise is not a malfunction. This is to prevent excessive heat.	8, 11

Specifications
Specifications are subject to change without prior notice.

■CD receiver (CA-UXQ3S)

Amplifier

Output power	20 W + 20 W at 4 Ω (10% THD)
Input terminals <Analogue>	AUX×1, 500 mV/47 kΩ:LEVEL1 250 mV/47 kΩ:LEVEL2
Output terminals <Analogue>	Speaker×1, 20 W/4 Ω Impedance 4 Ω - 16 Ω Headphone (×1), 25 mW/32 Ω Impedance 16 Ω - 1 kΩ

Tuner

Frequency	FM:87.50 MHz - 108.00 MHz AM:522 kHz - 1 710 kHz

CD player

Playable discs	Audio CDs, MP3

Cassette deck

Frequency response Normal (type I)	60 Hz - 14 000 Hz
Wow and flutter	0.15% (WRMS)

General

Power requirement	AC 240 V $\sim$, 50 Hz
Power consumption	55 W (at operation) 1 W (on standby)
Dimensions	165 mm (W) × 200 mm (H) × 355 mm (D)
Mass (approx.)	4.6 kg

■Speaker (SP-UXQ1S)

System	2-way bass reflex type
Speakers	Woofer: 10 cm × 1 Tweeter: 4 cm × 1
Power handling capacity	20 W
Impedance	4 Ω
Frequency range	56 Hz - 20 kHz
Sound pressure level	84 dB/W•m
Dimensions	135 mm (W) × 200.5 mm (H) × 211.5 mm (D)
Mass (approx.)	1.9 kg (1 unit)

■Micro component system (UX-Q3S)

General

Dimensions	435 mm (W) × 200.5 mm (H) × 355 mm (D)
Mass (approx.)	8.4 kg

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