# JVC
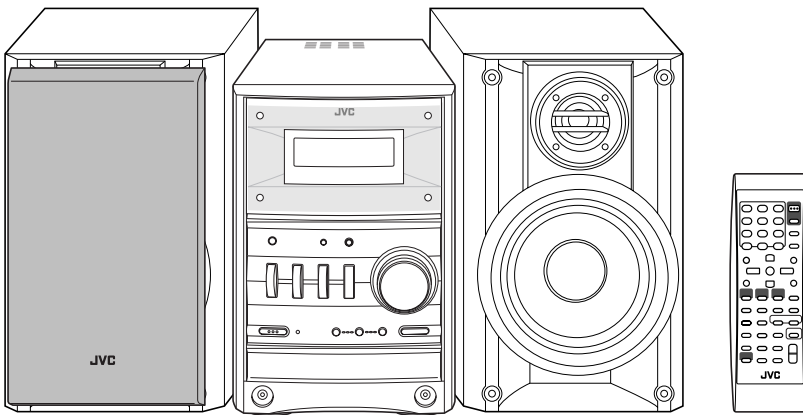
# COMPACT COMPONENT SYSTEM
## SYSTEME DE COMPOSANTS COMPACT

# FS-GD6S —Consists of CA-FSGD6S and SP-UXGD6S
—Composé CA-FSGD6S et SP-UXGD6S



**DVD** AUDIO/VIDEO™  **COMPACT disc** SUPER VIDEO  **dts**™ 2.0+DIGITAL OUT  **DOLBY DIGITAL**

**3D 3D-PHONIC**  *Digital Direct Progressive Scan*

## INSTRUCTIONS
### MANUEL D'INSTRUCTIONS

GVT0149-001A
[C]

**CAUTION**
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
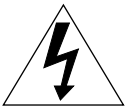
The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

## 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.

## ATTENTION

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:
  1 Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
  2 Ne pas exposer l'appareil à la pluie ni à l'humidité.

**CAUTION— ⏻/I (STANDBY/ON) button!**
Disconnect the mains plug to shut the power off completely (all lamps and indications go off). The ⏻/I (STANDBY/ON) button in any position does not disconnect the mains line.
• When the unit is on standby, the STANDBY/ON lamp lights in red.
• When the unit is turned on, the STANDBY/ON lamp lights in green.

The power can be remote controlled.

**Attention—Touche ⏻/I (STANDBY/ON:attente/ sous tension)!**
Déconnectez la fiche secteur pour mettre l'appareil complètement hors tension (tous les témoins et toutes les indications s'éteignent). La touche ⏻/I dans n'importe quelle position ne déconnecte pas l'appareil du secteur.
• Quand l'appareil est en mode d'attente, le témoin STANDBY/ON est allumé en rouge.
• Quand l'appareil est sous tension, le témoin STANDBY/ON est allumé en vert.

L'alimentation ne peut pas être commandée à distance.

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 UNIT.


1 PRODUIT LASER CLASSE 1
2 **ATTENTION**: N'ouvrez pas le couvercle supérieur. Il n'y a aucune pièce réparable par l'utilisateur à l'intérieur de l'appareil; confiez toute réparation à un personnel qualifié.
3 **ATTENTION**: Risque de radiations laser visible et invisible quand l'appareil est ouvert ou que le systéme de verrouillage ne fonctionne pas ou a été mis hors service. Évitez toute exposition directe au rayon.
4 REPRODUCTION DE L'ÉTIQUETTE: ÉTIQUETTE DE PRÉCAUTION PLACÉE L'INTERIEUR DE L'APPAREIL.

| **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) |

# Introduction

## Precautions ● ● ● ● ● ● ● ● ● ●

### Installation

• Install the System in a location with adequate ventilation to prevent internal heat buildup in the System.

⚠ STOP! DO NOT install the System in a location near heat sources, or in a place subject to direct sunlight, excessive dust or vibration.

• Install in 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.
• Keep the speakers away from the TV to avoid interference with TV.

### Power sources

• When unplugging the System from the wall outlet, always pull on the plug, not the AC power cord.

⚠ STOP! DO NOT handle the AC power cord with wet hands.

### Moisture condensation

Moisture may condense on the lenses inside the System in the following cases:
• After starting to heat the room
• In a damp room
• If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, then plug it in again.

### Internal heat

• Make sure there is good ventilation around the unit. Poor ventilation could overheat and damage the unit.

⚠ STOP! DO NOT block the ventilation openings or holes. If they are blocked by a newspaper or cloth, etc., the heat may not be able to get out.

### Others

• Should any metallic object or liquid fall into the System, unplug the AC power cord and consult your dealer before operating any further.

⚠ STOP! DO NOT disassemble the System since there are no user serviceable parts inside.

• If you are not going to operate the System for an extended period of time, unplug the AC power cord from the wall outlet.

If anything goes wrong, unplug the AC power cord and consult your dealer.

## Contents ● ● ● ● ● ● ● ● ● ●

## Playable Disc Types INFO ● ● ● ● ● ●

| DVD VIDEO™ | DVD VIDEO™ | DVD AUDIO™ | DVD AUDIO/VIDEO™ |
| --- | --- | --- | --- |

| COMPACT disc DIGITAL VIDEO | Video CD | COMPACT disc SUPER VIDEO | VIDEO CD | COMPACT disc DIGITAL AUDIO |
| --- | --- | --- | --- | --- |

- CD-R/RW: Recorded in the Audio CD, Video CD, SVCD, MP3, and JPEG formats.
- DVD-R: Recorded in the DVD Video format.
- DVD-RW/RAM: Recorded in the DVD Video Recording (VR) format.

In addition to the above discs, this system can play back audio data recorded on CD Text, CD-G (CD Graphics), and CD-Extra.

- The following discs cannot be played back:
  DVD+R, DVD+RW, CD-I (CD-I Ready), CD-ROM, Photo CD, etc.
  Playing back these discs will generate noise and damage the speakers.
- In this manual, "file" and "track" are interchangeably used for MP3/JPEG operations.

### Note on Region Code

DVD players and DVDs have their own Region Code numbers. This System can play back only DVDs with Region Code numbers including "1."

EX.:

| ALL | 1 | 1 2 | 1 2 3 4 |
| --- | --- | --- | --- |

### Audio formats

The System can play back the following digital audio formats.

- **LPCM** (Linear PCM), **DD DIGITAL** (Dolby Digital), **DTS** (Digital Theater Systems), **MLP** (Meridian Lossless Packing)

When playing a multi-channel encoded DVDs, the System properly converts these multi-channel signals into 2 channels, and emits the downmixed sound from the speakers.

- **To enjoy the powerful sound of these multi-channel encoded DVDs,** connect a proper decoder or an amplifier with a proper built-in decoder to the DVD OPTICAL DIGITAL OUT terminal on the rear.

---

**IMPORTANT: Before playing a disc, make sure of the following...**
- Turn on the TV and select an appropriate input mode on the TV to view the pictures or on-screen displays.
- For disc playback, you can change the initial setting to your preference. See "Setup Menu Operations" on page 29.

**If " ⊘ " appears on the TV screen when you press a button,** the disc cannot accept the operation you have tried to do.

## How to Read This Manual ● ● ● ● ● ●

- Button and control operations are explained as listed in the table below.
- **Some related tips and notes are explained later in the sections "Learning More about This System" and "Troubleshooting," but not in the same section explaining the operations ( INFO indicates that the content has some information).**

| | |
| --- | --- |
| | Indicates that you press the button **briefly.** |
| | Indicates that you press the button **briefly and repeatedly** until an option you want is selected. |
| | Indicates that you press one of the buttons. |
| 2 sec. | Indicates that you **press and hold** the button for a specified period. |
| | Indicates that you turn the control toward the specified direction(s). |

| | |
| --- | --- |
| Remote ONLY ⟫ | Indicates that this operation is only possible using the remote control. |
| Main Unit ONLY ○ | Indicates that this operation is only possible using the main unit. |

"DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation registered in the US, Japan and other countries.

**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.

# Connections INFO

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

• Connect VIDEO OUT/COMPONENT directly to the video input of your TV. Connecting VIDEO OUT/COMPONENT to a TV via a VCR may interfere with your viewing when playing back a copy-protected disc. Your viewing may be interfered when connecting VIDEO OUT/COMPONENT to an integrated TV/VCR system.

### Supplied accessories

Check to be sure that you have all the following items.
• FM antenna (x1)
• AM loop antenna (x1)
• Composite video cord (x1)
• Remote control (x1)
• Batteries (x2)
If any item is missing, consult your dealer immediately.

❶ **From AM/FM antenna**
See page 4.

❷ **From the input of TV/monitor**
See page 4.

❸ **From the digital input of digital audio component such as CD recorder**
See page 5.

❹ **From the powered subwoofer**
See page 5.

❺ **From the speakers**
See page 5.

❻ **From a wall outlet**
Plug the AC power cord only after all connections are complete.
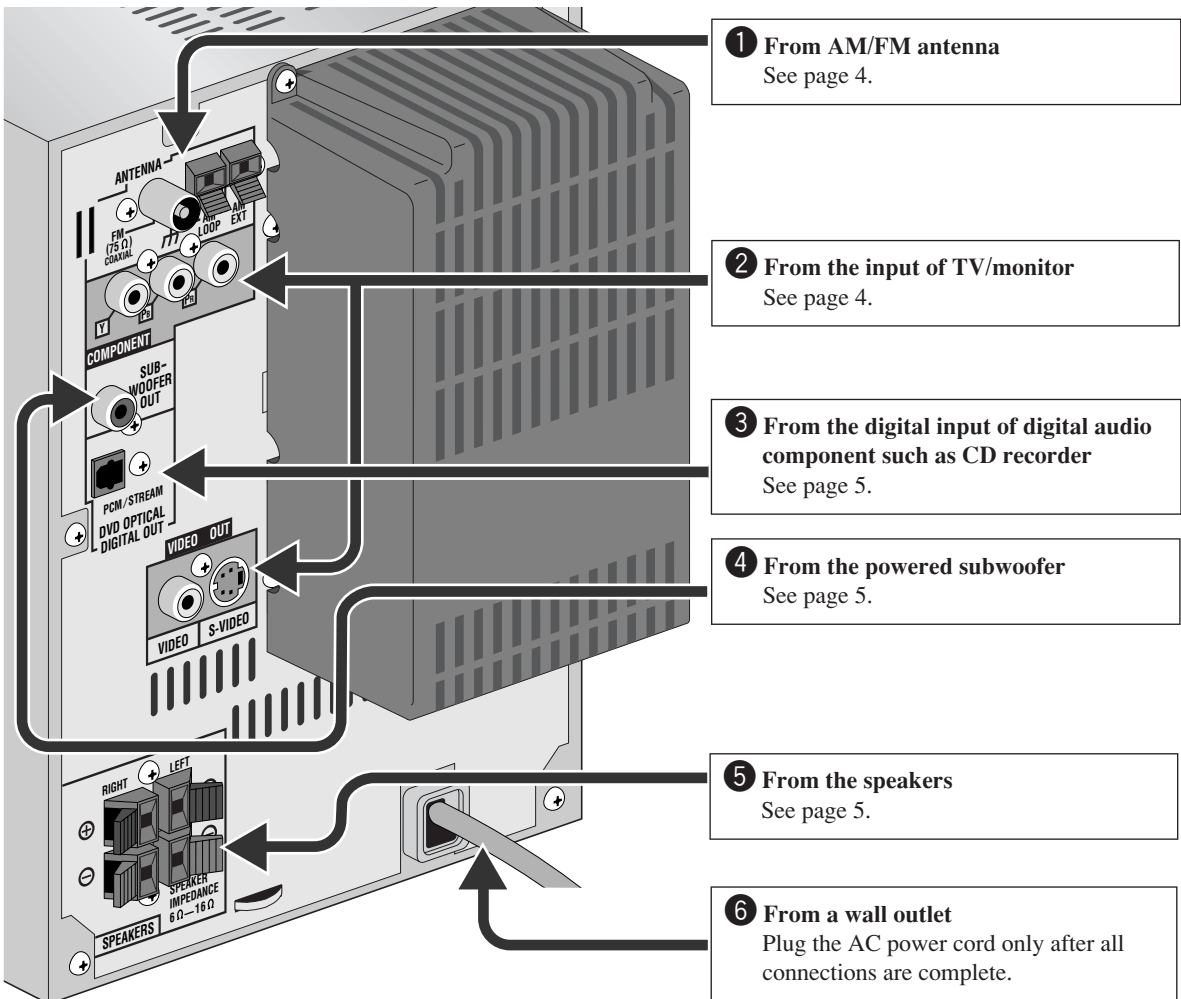
# ❶ AM/FM antenna

**To assemble the AM loop antenna**

**To connect AM/FM antenna**

AM loop antenna (supplied)

ANTENNA

FM
(75 Ω)
COAXIAL

FM antenna (supplied)

Extend it so that you can obtain the best reception.
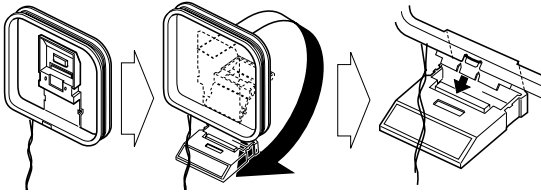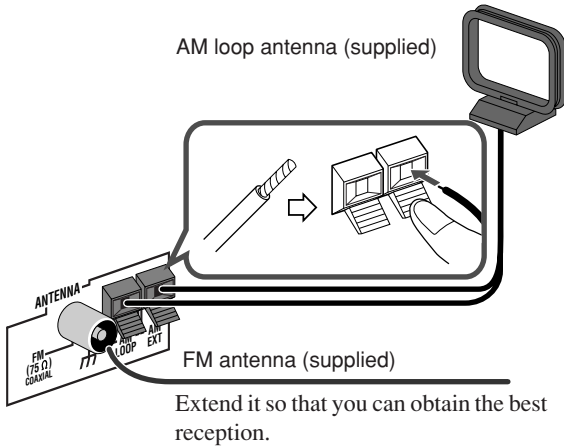
**For better AM/FM reception**

AM loop antenna (supplied)
Keep it connected.

Vinyl-covered wire (not supplied)
Extend it horizontally.

FM outdoor antenna
(not supplied)

ANTENNA

FM
(75 Ω)
COAXIAL
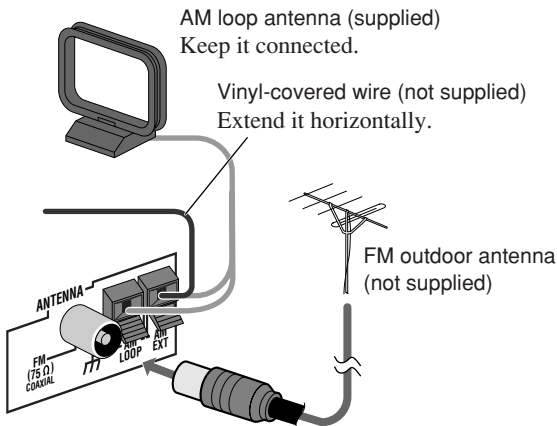
• Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector (IEC or DIN45325).

# ❷ TV/monitor

**Connect the COMPONENT, S-VIDEO, or VIDEO jacks which you want to use.**

Red

Blue

Green

**Component video cord (not supplied)**
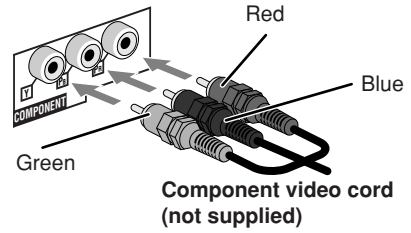
• To select progressive scanning mode (see page 12), use COMPONENT jacks.

**S-video cord (not supplied)**

**Composite video cord (supplied)**

**4**

### ③ **Digital audio component**

Protective cap
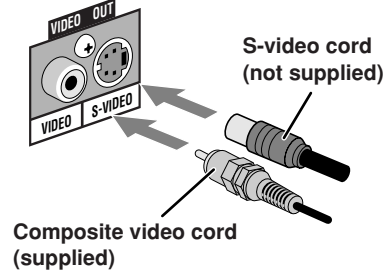
PCM/STREAM
DVD OPTICAL
DIGITAL OUT
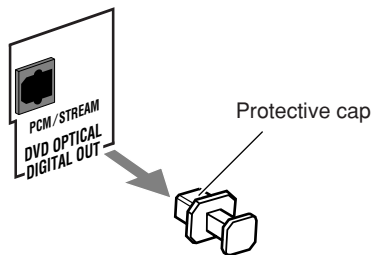
• Set "DIGITAL AUDIO OUTPUT" in the "AUDIO" menu correctly according to the connected digital audio equipment (see page 30). If setting is incorrect, loud noise may be generated causing damage to the speakers.

### ④ **To connect the powered subwoofer**

From the powered subwoofer

SUB-WOOFER OUT
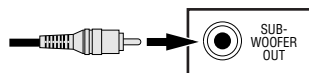
(not supplied)

### ⑤ **Speakers**

• When connecting the speaker cords, match the polarity of the speaker terminals: red color to (+) and black color to (–).

RIGHT    LEFT    Red

From right speaker

SPEAKER IMPEDANCE 6Ω - 16Ω
SPEAKERS    Black

From left speaker
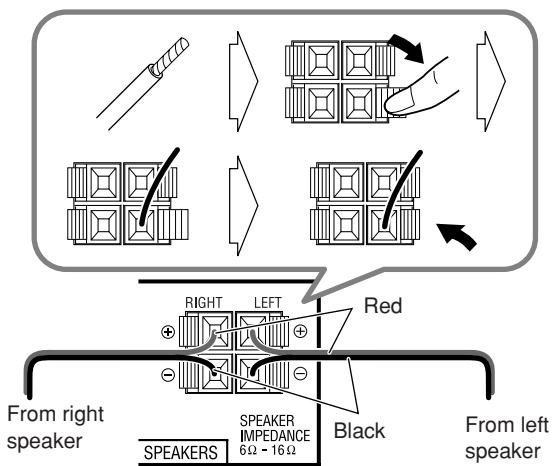
**STOP!**
• DO NOT connect more than one speaker to each terminal.
• DO NOT push or pull the speakers as this will damage the foot spacers at the bottom of the speakers.

---

**When connecting auxiliary equipment (AUX)**

Stereo mini plug    AUX

(not supplied)
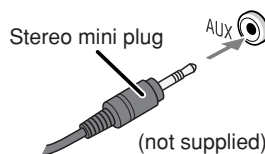
## Preparing the remote control

R6(SUM-3)/AA(15F)
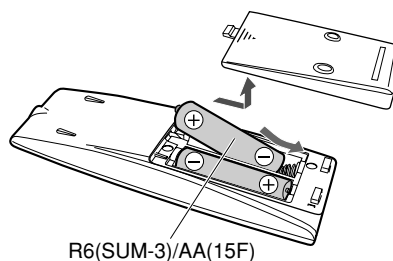
• Dispose of batteries in the proper manner, according to federal, state, and local regulations.

**STOP!**
DO NOT recharge, short, disassemble or heat the battery or dispose of it in a fire.

**When using the remote control**
Point the top of the remote control toward the remote sensor as directly as possible. If you operate it from a diagonal position, the operating range (approx. 5 m) may be shorter.

# Display Indicators

**The indications on the display teach you a lot of things while you are operating the System.**
**Before operating the System, be familiar with when and how the indicator illuminates on the display.**
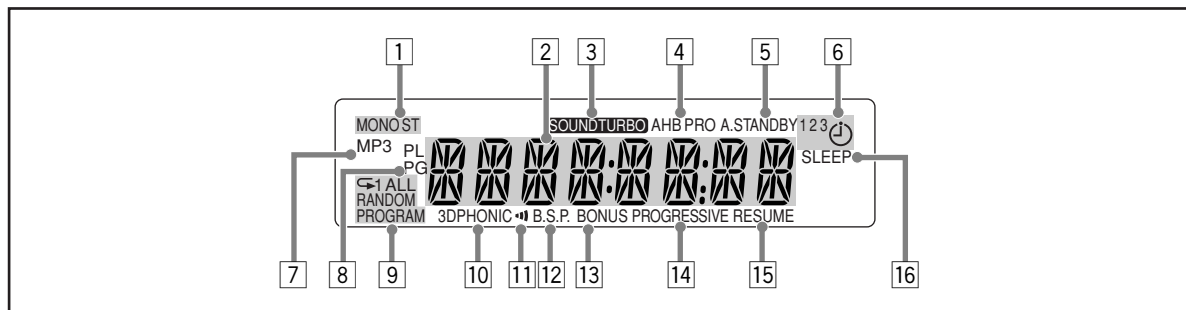


1 FM reception indicators
- MONO: lights while receiving an FM stereo station in monaural.
- ST (stereo): lights while an FM stereo station with sufficient signal strength is tuned in.

2 Main display
- While listening to radio: Band (or preset number) and station frequency appear.
- While selecting "AUX": "AUX" appears.
- While playing a disc: Current status appears.

3 SOUND TURBO indicator
- Lights when Sound Turbo II is activated.

4 AHB PRO indicator
- Lights when Active Hyper Bass Pro is activated.

5 A(auto). STANDBY indicator
- Lights when Auto Standby is activated.
- Flashes when disc playback stops with Auto Standby activated.

6 Daily Timer indicators
- ⏲ : lights when Daily Timer stands by or is being preset.
- 1/2/3: lights when a Daily Timer (1, 2, or 3) stands by; flashes while being preset or working.

7 MP3 indicator
- Lights when an MP3 track is detected.

8 PG/PL indicators
- PG: lights when a DVD-VR formatted disc is called up.
- PL: lights when Play List recorded on the DVD-VR formatted disc is called up.

9 Disc operation indicators
- RANDOM: lights when Random Play is activated.
- PROGRAM: lights when Program Play is activated.
- ↻ (repeat)1ALL:
  – ↻ALL : lights when Disc Repeat is activated.
  – ↻1 : lights when One Track/Chapter/Step repeat is activated.
  – ↻ : lights when any Repeat other than the above is activated.

10 3D PHONIC indicator
- Lights when 3D Phonic is activated.

11 ◄◗ (Clear Voice) indicator
- Lights when Clear Voice is activated.

12 B.S.P. (Browsable Still Picture) indicator
- Lights when Browsable Still Pictures are detected while playing a DVD Audio.

13 BONUS indicator
- Lights when a DVD Audio with a bonus group is detected.

14 PROGRESSIVE indicator
- Lights when the progressive scanning mode is selected.

15 RESUME indicator
- Lights when Resume is activated (see page 30).

16 SLEEP indicator
- Lights when the Sleep Timer is activated.

# Daily Operations—Playback

10 keys

RETURN

SET

ENTER
TOP MENU/PG

MENU/PL

**<, >, ∧, ∨**

**2**

FM/PLAY MODE

**II**

■

GROUP/TITLE SKIP
I◀◀/▶▶I

◀◀/▶▶

**3**

SHIFT

**JVC**
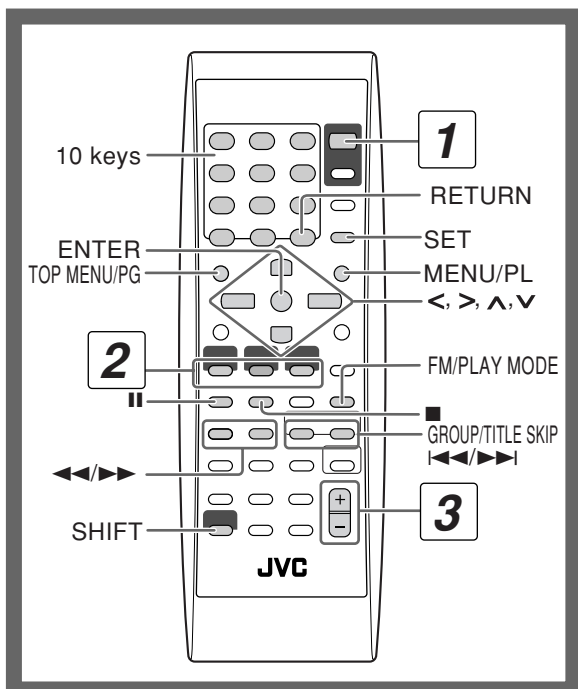
**In this manual, the operation using the remote control is mainly explained; however, you can use the buttons and controls on the main unit if they have the same (or similar) name and marks.**

1 **Turn on the power.**
The STANDBY/ON lamp on the main unit lights in green.
• Without pressing ⏻/I AUDIO, the System turns on by pressing one of the source buttons in the next step.

2 **Select the source.**
Playback automatically starts if the selected source is ready.
• If you press AUX, start playback source on the external component.

3 **Adjust the volume.**

4 **Operate the target source as explained later.**

### To turn off (stand by) the unit

⏻/I AUDIO

The STANDBY/ON lamp on the main unit lights in red.
• A small amount of power is always consumed even while on standby.

**For private listening**
Connect a pair of headphones to the PHONES jack on the main unit. The sound will no longer come out of the speakers. **Be sure to turn down the volume before connecting or putting the headphones.**
• Disconnecting the headphones will activate the speakers again.

DO NOT turn off (stand by) the System with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the System or start playback.

**1** ⏻/I AUDIO

**2** DVD/CD   FM/AM   AUX

**3** + − VOLUME TV VOLUME   *VOLUME 20*

**4**

**STOP!**

**7**
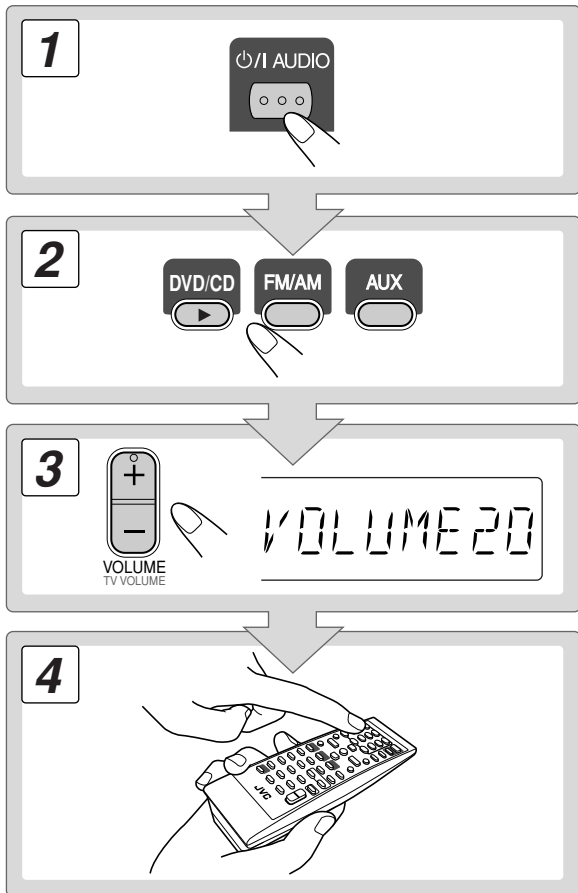
## Listening to the Radio INFO ● ● ● ● ●

### To select the band (FM or AM)

| Remote control: | Main unit: |
|---|---|
| FM/AM | FM    AM |
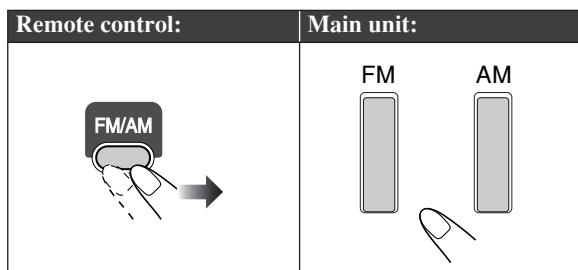
### To tune in to a station

While FM or AM is selected...

| Remote control: | Main unit: |
|---|---|
| 2 sec.<br>GROUP/TITLE SKIP<br>(I◀◀) (▶▶I) | 2 sec.<br>DOWN I◀◀  ▶▶I UP |
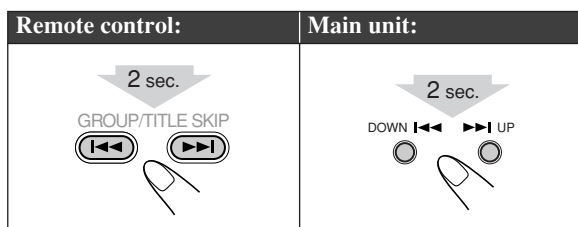
Frequency starts changing on the display.

When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

• When you repeatedly press the button, the frequency changes step by step.

**To stop searching manually,** press either button.

**If the received FM station is hard to listen** *Remote ONLY* ))

FM/PLAY
MODE
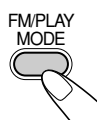
The MONO indicator lights on the display. Reception will improve though stereo effect is lost—Monaural reception.
**To restore the stereo effect,** press the button again (the MONO indicator goes off).

### To preset the stations *Remote ONLY* ))

You can preset 30 FM and 15 AM stations.

**1** **Tune in to a station you want to preset.**
   • You can also store the monaural reception mode for FM preset stations if selected.

**2** **Activate the preset number entry mode.**

CANCEL
SET

`SET`

• Finish the following process while the indication on the display is flashing.

**3** **Select a preset number for the station you store.**

DIMMER  SLEEP  A.STANDBY
(1)   (2)   (3)
VFP    SCAN MODE
(4)   (5)   (6)
3D PHONIC  ·l)  DVD LEVEL
(7)   (8)   (9)
PAGE         RETURN
(10)        (+10)

**Examples:**
To select preset number 5, press 5.
To select preset number 15, press +10, then 5.
To select preset number 30, press +10, +10, then 10.

• You can also use the ▶▶ or ◀◀ button.

**4** **Store the station.**

CANCEL
SET
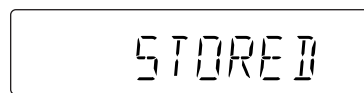
`STORED`

### To tune in to a preset station *Remote ONLY* ))

**1** **Select the band (FM or AM).**
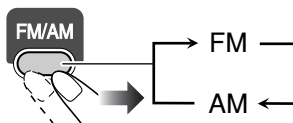
FM/AM → FM → AM ←

**2** **Select a preset number for the station you store.**

DIMMER  SLEEP  A.STANDBY
(1)   (2)   (3)
VFP    SCAN MODE
(4)   (5)   (6)
3D PHONIC  ·l)  DVD LEVEL
(7)   (8)   (9)
PAGE         RETURN
(10)        (+10)

• You can also use the ▶▶ or ◀◀ button.

**8**
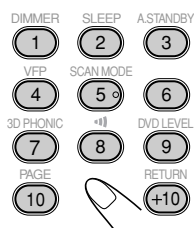
## Playing Back a Disc INFO ● ● ● ● ● ●

Before operating a disc, be familiar how a disc is recorded.
• DVD Video comprises of "**Titles**" which includes "**Chapters**," DVD Audio/MP3/JPEG comprise of "**Groups**" which includes "**Tracks**," and CD/SVCD/VCD comprise of only "**Tracks**."
• **For MP3/JPEG playback, see also page 24.**

### To insert a disc

You can insert a disc while playing another source.
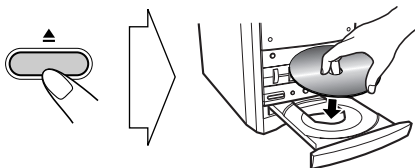


• When using an 8 cm disc, place it on the inner circle of the disc tray.

**To close the disc tray,** press ▲ again.

• If you press DVD/CD ►, disc tray closes automatically and playback starts (depending on how the disc is programmed internally).

| To start: | To pause: | To stop: |
|-----------|-----------|----------|
|  |  To release, press DVD/CD ►. |  |

• **While playing DVD/SVCD/VCD/MP3:** This System can store the stop point, and when you start playback again by pressing DVD/CD ► (even while on standby), it starts from the position where you have stopped—Resume Play. ("RESUME" appears on the display when you stop playback.)

  **To stop completely while Resume is activated,** press ■ twice. (To cancel Resume, see "RESUME" on page 30.)

• When operating the System, the on-screen guide icon (see the following table) appears on the TV.

---

### On-screen guide icons

• During DVD Video playback, the following icons may appear on the TV:

  📹 At the beginning of a scene containing multi-angle views.

  ◯◯) At the beginning of a scene containing multi-audio sounds.

  ⌷⌷⌷⌷ At the beginning of a scene containing multi-subtitles.

• The following icons will be also shown on the TV to indicate your current operation.
  ▶ , ❚❚ , ▶▶ , ◀◀ , ❚▶ , ◀❚

• To deactivate the on-screen guide icons, see "ON SCREEN GUIDE" on page 30.

---

### To select a title/group  *Remote ONLY* »)

While playing a disc...



(at the same time)
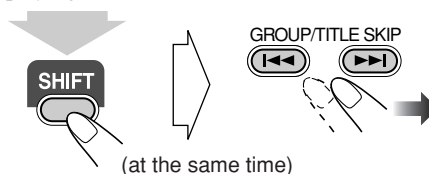
• Group name appears for MP3 discs.

### To select a chapter/track

While playing a disc...



• First time you press ◀◀, you can go back to the beginning of the current chapter/track.

### To locate a particular portion  *Remote ONLY* »)

While playing a disc...



▶▶ x2 → ▶▶ x5 → ▶▶x10 → ▶▶x20 → ▶▶x60

◀◀ x2 → ◀◀ x5 → ◀◀x10 → ◀◀x20 → ◀◀x60
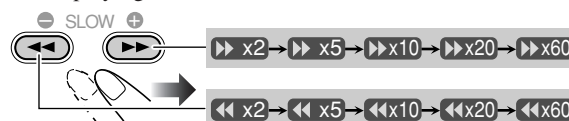
• Search speed changes as illustrated above except for MP3 discs. For MP3 discs, search speed and the indications on the monitor are different.
• No sound comes out if searching is carried out while showing the moving picture.

**To return to normal playback,** press DVD/CD ►.

**9**

## To locate an item directly 【Remote ONLY】»»

You can select a title/chapter/track directly and start playback.

• For DVD Video, you can select **a title before starting playback**, while you can select **a chapter after starting playback**.
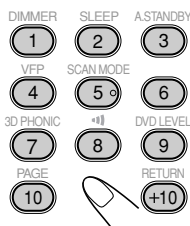
**Examples:**
To select number 5, press 5.
To select number 15, press +10, then 5.
To select number 30, press +10, +10, then 10.

## To play back using the disc menu 【Remote ONLY】»»
■ **For DVD Video/DVD Audio:**

**1** Show the disc menu.

TOP MENU/PG    MENU/PL

**2** Select an item on the disc menu.

TV CH ⊕
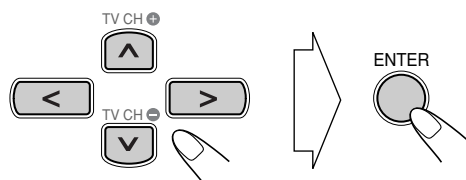
ENTER

• With some discs, you can also select items by entering the number using the 10 keys.

## ■ For SVCD/VCD with PBC:

While playing a disc with PBC, "PBC" appears on the display.

When disc menu appears on the TV, select an item on the menu. Playback of the selected item starts.

**Examples:**
To select number 5, press 5.
To select number 15, press +10, then 5.
To select number 30, press +10, +10, then 10.

**To move to the next or previous page of the current menu:**

GROUP/TITLE SKIP
(|◄◄)  (►►|) → Moves to the next page.
→ Moves to the previous page.
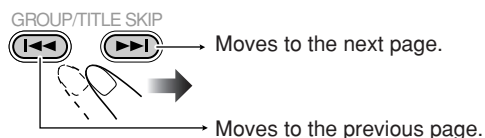
**To return to the previous menu:**

SHIFT    RETURN +10

(at the same time)

**To cancel PBC**

Stop playback.    Select a track.
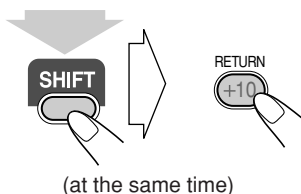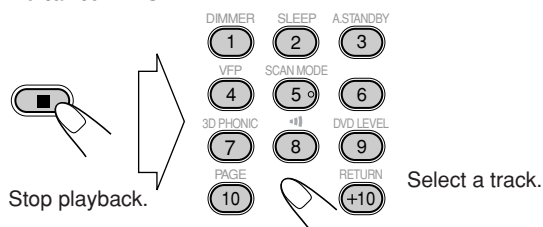
Playback starts with the selected track.

**To reactivate PBC,** press ■ (twice if Resume is turned "ON"), then press DVD/CD ►.

# Daily Operations—Sound & Other Adjustments

**Remote control**

SCAN MODE
DIMMER
VFP
3D PHONIC

SLEEP
A.STANDBY
DVD LEVEL
DISPLAY
SET

ENTER

**<, >, ∧, ∨**

AHB PRO

SOUND
TURBO Ⅱ

BASS/TREBLE
SHIFT

VOLUME
+/−

CLOCK/
TIMER

FADE
MUTING

**Main unit**
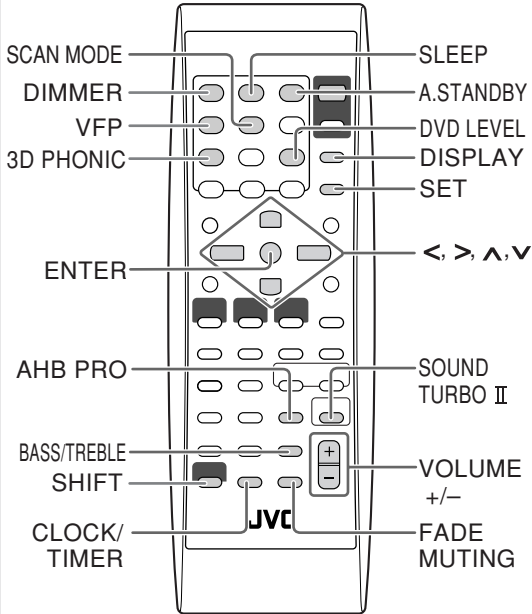
SOUND
TURBO Ⅱ
VOLUME +/−
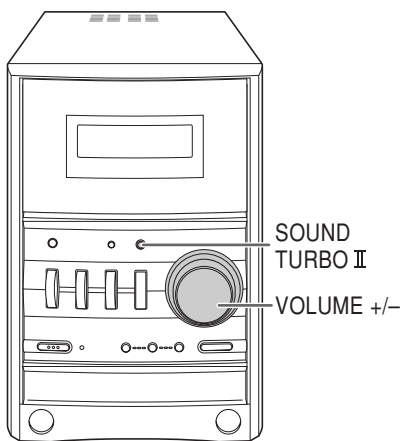
## Adjusting the Volume ●●●●●●

You can adjust the volume level from level 0 (VOL MIN) to level 40 (VOL MAX).

| Remote control: | Main unit: |
|---|---|
| + / − VOLUME TV VOLUME | VOLUME − + |
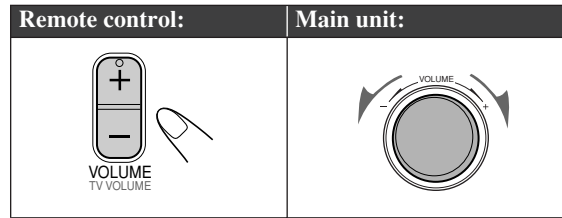
**To drop the volume in a moment**   *Remote ONLY* »))

FADE
MUTING

**To restore the volume,** press again, or adjust the volume level.

## Adjusting the Sound INFO ●●●●●

### To reinforce the heavy sound

This boosts the low and high frequency sound—Sound Turbo Ⅱ.

SOUND
TURBO Ⅱ

→ TURBO ON ─┐
└ TURBO OFF ←
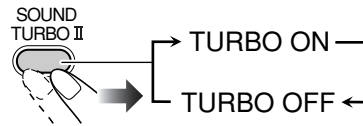
• When Sound Turbo Ⅱ is turned on, AHB Pro is automatically turned on, and cannot be turned off. (AHB PRO indicator does not lights even though the function is turned on.)

### To reinforce the bass sound

The richness and fullness of the bass sound is clearly maintained regardless of how you set the volume—Active Hyper Bass Pro.

AHB PRO

→ AHB ON ─┐
└ AHB OFF ←

**11**
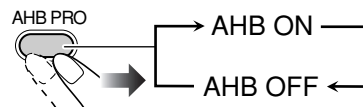
### To adjust the tone

You can adjust the bass and treble level from –3 to +3.

**To adjust the bass**



**To adjust the treble**



## Creating 3-dimentional Sound Field —3D Phonic

While playing a disc...
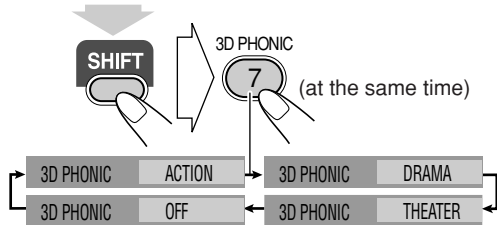


• The selected mode can only be shown on the TV.

| ACTION | Suitable for action movies and sports programs. |
|---|---|
| DRAMA | Creates natural and warm sound. Enjoy movies in a relaxed mood. |
| THEATER | Enjoy sound effects like in a major theater. |

## Presetting Automatic DVD Video Sound Increase Level

The DVD Video sound is sometimes recorded at a lower level than for other discs and sources. You can set the increase level for the currently loaded DVD Video, so you do not have to adjust the volume when you change the source.

• This also functions for DVD-VR formatted discs.



(at the same time)
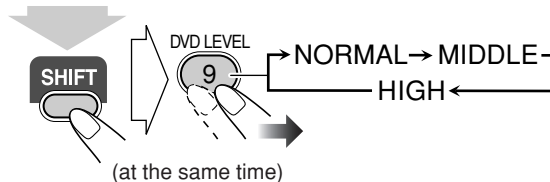
| NORMAL | Original recording level. |
|---|---|
| MIDDLE | Output level is increased (less than "HIGH"). |
| HIGH | Output level is increased (more than "MIDDLE"). |

• Once the current DVD is ejected, this setting is canceled and set automatically to "NORMAL."

## Changing the Scanning Mode

This System supports progressive scanning.
If you connect a progressive TV through the COMPONENT jacks, you can enjoy a high quality picture from the built-in DVD player by selecting "PROGRE."



(at the same time)
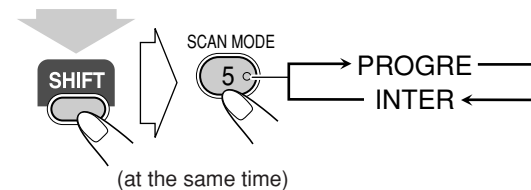
| PROGRE | Progressive scanning. For a progressive TV. • The PROGRESSIVE indicator lights. |
|---|---|
| INTER | Interlaced scanning. For a conventional TV. |

**12**

## Changing the Display Brightness `Remote ONLY` »)

You can dim the display window.



(at the same time)
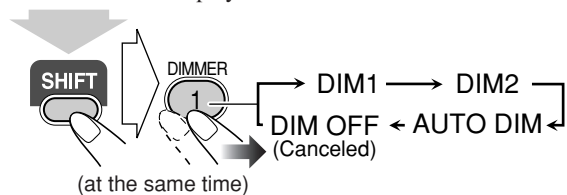
| DIM1 | Dims the display. |
|---|---|
| DIM2 | Erases the display illumination. |
| AUTO DIM | Erases the display illumination when disc playback starts.*<br>• The display illuminates when playback stops. |

\* "AUTO DIM" does not work for CD/MP3.

## Changing the Picture Tone `Remote ONLY` »)

• While showing a playback picture on the TV, you can select the preset picture tone, or adjust it and store your own taste.

### To select a preset picture tone

1 **While playing, display VFP setting screen.**



| NORMAL | |
|---|---|
| GAMMA | 0 |
| BRIGHTNESS | 0 |
| CONTRAST | 0 |
| SATURATION | 0 |
| TINT | 0 |
| SHARPNESS | 0 |

(at the same time) — On the TV
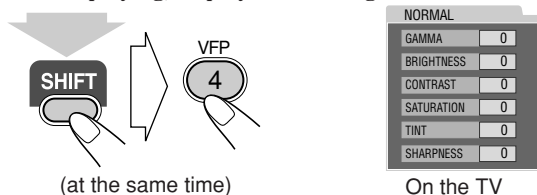
2 **Select a preset picture tone.**

→NORMAL ↔ CINEMA↔<br>↳ USER2 ↔ USER1↲
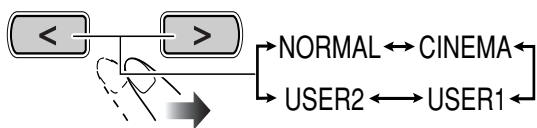
| NORMAL | Normally select this. |
|---|---|
| CINEMA | Suitable for a movie source. |
| USER1/USER2 | You can adjust parameters and can store the settings. |

**To erase the screen,** press VFP again while holding SHIFT.

## To adjust the picture tone

1 **Select "USER1" or "USER2."**
• Follow steps 1 and 2 explained on the left column.

2 **Select a parameter you want to adjust.**
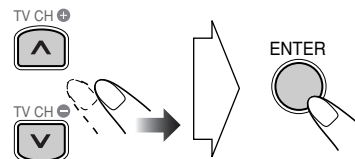


| GAMMA | Adjust if the neutral color is bright or dark (–3 to +3). |
|---|---|
| BRIGHTNESS | Adjust if the entire picture is bright or dark (–8 to +8). |
| CONTRAST | Adjust if the far and near positions are unnatural (–7 to +7). |
| SATURATION | Adjust if the picture is whitish or blackish (–7 to +7). |
| TINT | Adjust if the human skin color is unnatural (–7 to +7). |
| SHARPNESS | Adjust if the picture is indistinct (–8 to +8). |

3 **Adjust the parameter.**
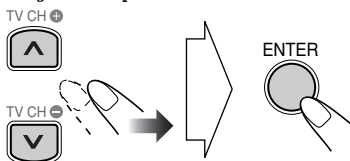


4 **Repeat steps 2 to 3 to adjust other parameters.**

**To erase the screen,** press VFP again while holding SHIFT.

## Adjusting the Audio Input Level `Remote ONLY` »)

If the sound from the component connected to the AUX jack is too loud or is not loud enough when changing from another source to "AUX," you can change the audio input level through the AUX jack (without changing the volume level).

While the "AUX" is selected as a source...
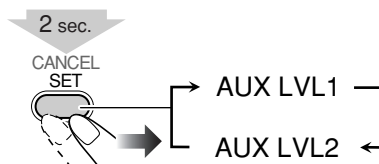


→ AUX LVL1 —<br>↳ AUX LVL2 ↲

| AUX LVL1 | Select this when the sound is too loud (initial setting). |
|---|---|
| AUX LVL2 | Select this when the sound is not loud enough. |

**13**

## Setting the Clock 《Remote ONLY》》》 INFO ● ● ●

Without setting the built-in clock, you cannot use Daily Timers (see page 27) and Sleep Timer.
• To correct a misentry during the process, press CANCEL (while holding SHIFT) or CLOCK/TIMER. You can return to the previous step.

**1** **Activate the clock setting mode.**

CLOCK/
TIMER

$$AM\ 12:00$$

• If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected.

**2** **Set the time.**
• **Adjust the hour, then the minute.**

`<` `>` CANCEL SET
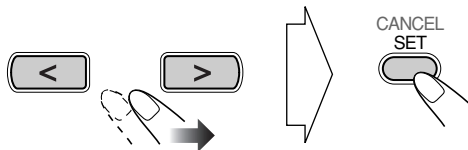
Now the built-in clock starts working.

**To check the current clock time during play**

TV/VIDEO
DISPLAY → Clock → Source information ←
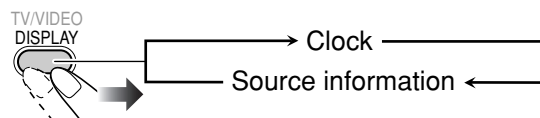
• While playing a DVD and MP3, you cannot check the clock time (other disc information appears).

## Turning Off the Power Automatically 《Remote ONLY》》》

### Auto Standby

SHIFT + A.STANDBY 3 → On → Canceled ←

(at the same time)
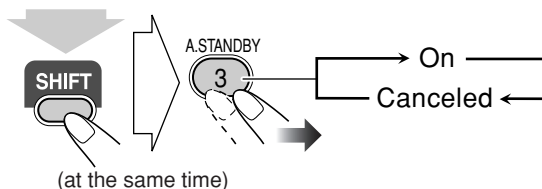
When Auto Standby is in use, the A.STANDBY indicator lights on the display.
When disc play stops, the A.STANDBY indicator starts flashing. If no operation is done for about 3 minutes while the indicator is flashing, the System turns off (stands by) automatically.

### Sleep Timer

You can set the shut-off time so that you can go to bed without turning it off yourself.

**1** **Specify the time (in minutes).**

SHIFT + SLEEP 2

(at the same time)

→ 10 → 20 → 30 → 60 → 90 → 120 → 150 ┐
└─────── Canceled ←───────
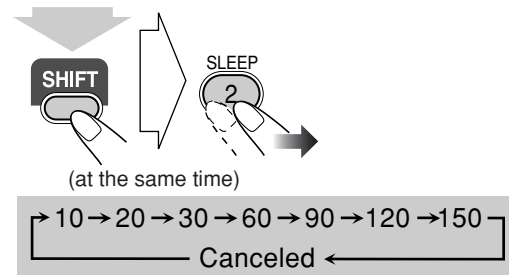
**2** **Wait until the set time goes off.**

**To check the time remaining until the shut-off time,** press SLEEP while holding SHIFT.
• If you press the button repeatedly, you can change the shut-off time.

# Unique DVD/VCD Operations

**Remote control**



- 10 keys
- ◀))
- PAGE
- <, >, ∧, ∨
- ENTER
- DVD/CD ▶
- ↶
- II
- ■
- SLOW ⊕/⊖
- AUDIO
- SUBTITLE
- ZOOM
- ANGLE
- SHIFT

**JVC**

## Selecting the Audio Track  `Remote ONLY` »»  **INFO**
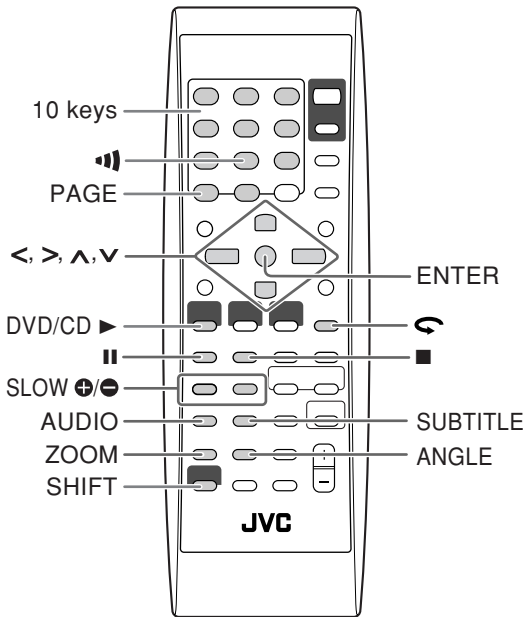
**For DVD Video:** While playing back a chapter containing audio languages, you can select the language to listen to.
**For DVD Audio:** While playing back a track containing audio channels, you can select the audio channel to listen to.
**For DVD-VR and Karaoke SVCD/VCD:** When playing back a track, you can select the audio channel to play.

• You can also select the audio track using the on-screen bar (see page 21).

AUDIO

**While playing a DVD Video...**

**Ex.:**

| 1/3 ENGLISH | 2/3 FRENCH | 3/3 JAPANESE |

Hello → Bonjour → おはよう
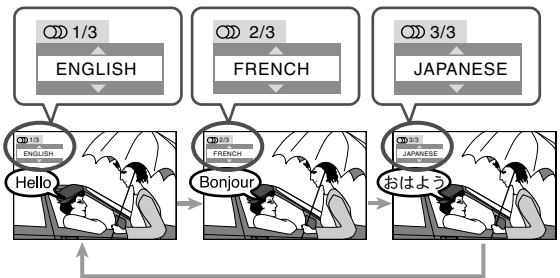
**While playing a DVD Audio...**

**Ex.:**

1/3   1 → 2/3   2 → 3/3   3
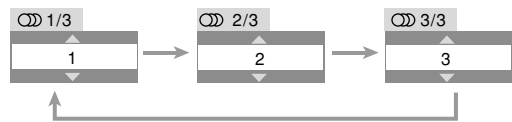
**While playing a DVD-VR, or Karaoke SVCD/VCD...**

AUDIO

SVCD
→ ST1 → ST2 → L1
→ R2 ← L2 ← R1

DVD-VR/VCD
→ ST → L → R
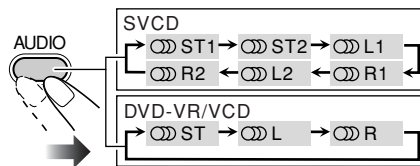
| **ST1/ST2** **ST** | To listen to normal stereo (2 channel) playback. |
|---|---|
| **L1/L2/L** | To listen to the left audio channel. |
| **R1/R2/R** | To listen to the right audio channel. |

• SVCD can have 4 audio channels. Karaoke SVCD usually uses these 4 channels to record two 2-channel recordings (ST1/ST2).

**15**

## Selecting the Subtitle Language `Remote ONLY` »»

**For DVD Video:** While playing back a chapter containing subtitles in different languages, you can select the subtitle language to display on the TV.

**For SVCD:** While playing, you can select the subtitles even if no subtitles are recorded on the disc.

• You can also select the subtitle language using the on-screen bar (see page 21).

**While playing a DVD Video...**

**1**
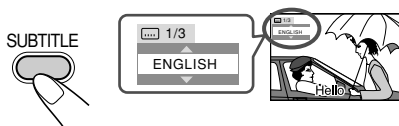


**2**
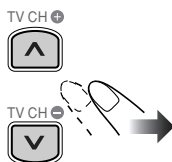


**Ex.:**
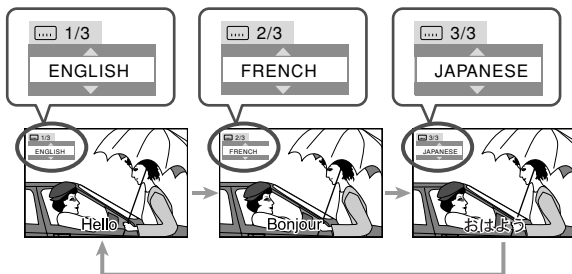


**While playing an SVCD video...**
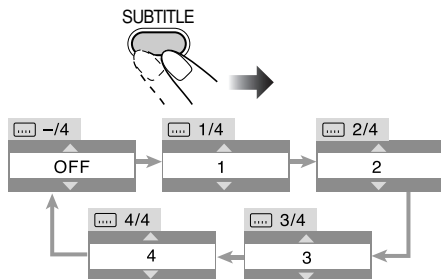


## Selecting the View Angle `Remote ONLY` »» ● ●

**For DVD Video only:** While playing back a chapter containing multi-view angles, you can view the same scene from different angles.

• You can also select the multi-view angles using the on-screen bar (see page 21).
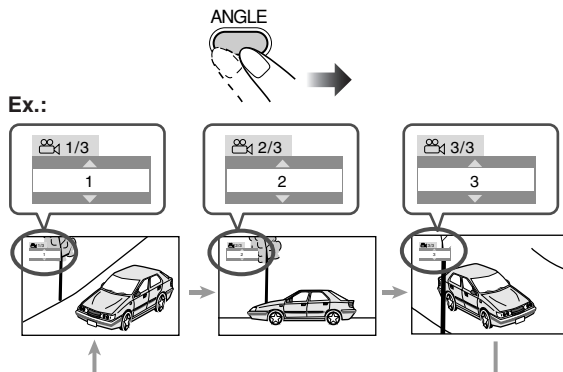
**While playing...**



## Selecting the Browsable Still Pictures `Remote ONLY` »»

**For DVD Audio only:** While playing back a track linked to browsable still pictures (B.S.P.), you can select the still picture (turn the page) to be shown on the TV screen.

• If a track is linked to browsable still pictures (B.S.P.), they are usually shown in turn automatically during playback.

• You can also select the page using the on-screen bar (see page 21).
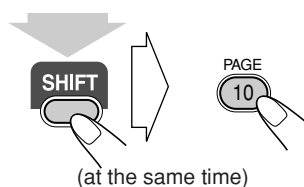


Each time you press the button, the still picture changes one after another (if available).

(at the same time)

## Playing Back Bonus Group `Remote ONLY` »» ● ●

**For DVD Audio only:** Some DVD Audios have a special group called "bonus group" whose contents are not open to the public.

• To play back a bonus group, you have to enter the specific "key number" (a kind of password) for the bonus group. The way of getting the key number depends on the disc.

**1** **Select the bonus group.**
   • The bonus group is usually recorded as the last group (for example, if a disc contains 4 groups including a bonus group, "group 4" is the bonus group).
   • For how to select the group, see "To select a title/group" on page 9.

**16**

## *2* **Enter the key number.**
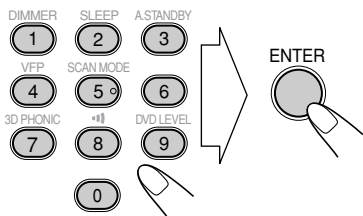


## *3* **Follow the interactive instructions shown on the screen.**

**To cancel the key number entry,** press ■.

## Making Dialogues Clear—Clear Voice

When you play back a disc, you can use this function—Clear Voice. You can make the singer's voices or dialogues of the movie clear.

• This function only works for center-channel encoded multi-channel disc, and when 3D Phonic is activated.



(at the same time)
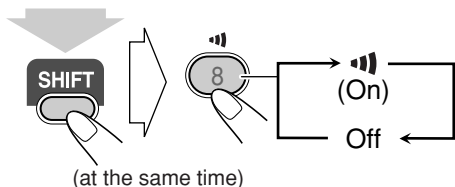
## Special Effect Playback

### Still picture playback

| To start still picture play-back: | To resume normal playback: |
|---|---|
| While playing... | **DVD/CD** |

### Frame-by-frame playback

## *1* **While playing...**

Still picture playback starts.

## *2* **Advance the still picture frame by frame.**

**To resume normal playback,** press DVD/CD ►.

## Slow-motion playback

## *1* **While playing...**

Still picture playback starts.

## *2* **Select slow motion speed.**

SLOW    Forward slow motion starts.
◄◄  ►►    ▷1/32 → ▷1/16 → ▷1/8 → ▷1/4 → ▷1/2

Reverse slow motion* starts.
◁1/32 → ◁1/16 → ◁1/8 → ◁1/4 → ◁1/2
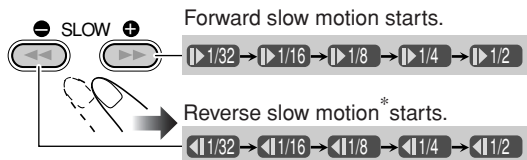
*Only available for DVD-Video.

**To resume normal playback,** press DVD/CD ►.

## To replay the previous scenes (One-Touch Replay)

• This function is only used while playing DVD Video/ DVD-VR.

**While playing back...**

The playback position moves back about 10 seconds before the current position (only within the same title).

## Zoom

## *1* **While playing back...**
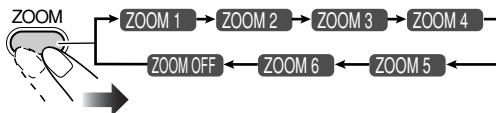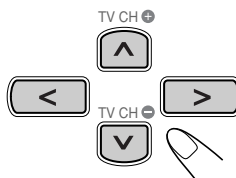
ZOOM → ZOOM 1 → ZOOM 2 → ZOOM 3 → ZOOM 4 →
ZOOM OFF ← ZOOM 6 ← ZOOM 5 ←

## *2* **Move the zoomed-in position.**

TV CH ⊕
∧
< TV CH ⊖ >
∨

**To cancel Zoom,** press ZOOM repeatedly until "ZOOM OFF" appears on the TV.

**17**

# Advanced Disc Operations

**Remote control**



10 keys

CANCEL

∧, ∨

DVD/CD ►

REPEAT
REPEAT A-B

❚❚

FM/PLAY
MODE

|◄◄/►►|

SHIFT

■

**JVC**

**Main unit**



❚❚

DVD/CD ▷

|◄◄, ■, ►►|

▲
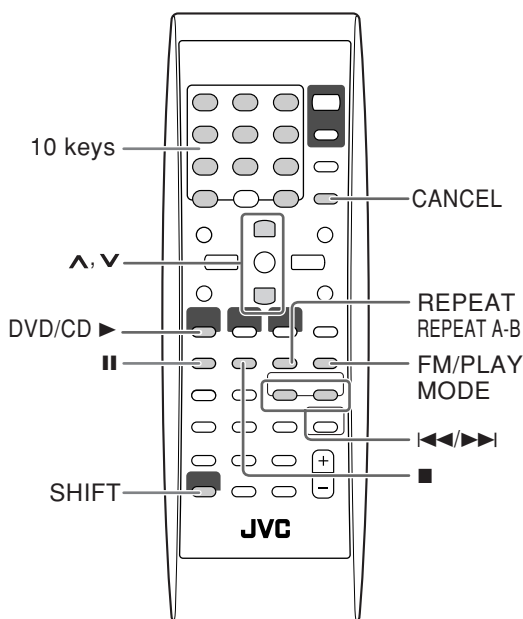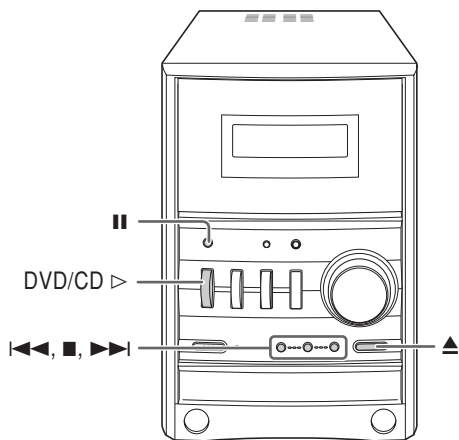
## Programming the Playing Order— Program Play `Remote ONLY` »» `INFO`

You can arrange the playing order of the chapters or tracks (up to 99) before you start playback.
• Program play cannot be used for DVD-VR/JPEG discs.

### 1 Before starting playback, activate Program Play.

FM/PLAY
MODE

→ PROGRAM → RANDOM
Canceled ←

PROGRAM

On the display

PROGRAM

| No | Group/Title | Track/Chapter |
|----|-------------|---------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |

USE NUMERIC KEYS TO PROGRAM TRACKS.
USE CANCEL TO DELETE THE PROGRAM.
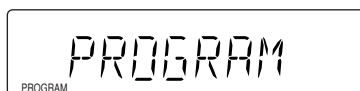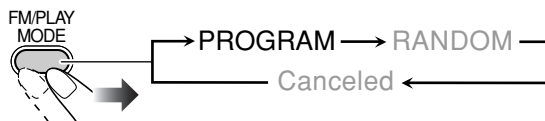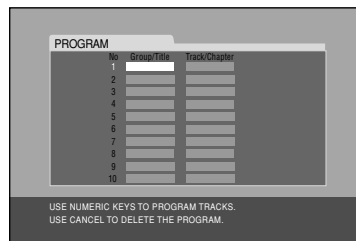
On the TV

### 2 Select chapters or tracks you want for Program Play.

• **For DVD Video/DVD Audio/MP3:**
① Select a title or group number.
② Select a chapter or track number.
③ Repeat the above steps ① and ②.
• **For SVCD/VCD/CD:**
① Select tracks.

| To enter the numbers directly: | |
|---|---|
| DIMMER ① SLEEP ② A.STANDBY ③ <br> VFP ④ SCAN MODE ⑤ ⑥ <br> 3D PHONIC ⑦ ⑧ DVD LEVEL ⑨ <br> PAGE ⑩ RETURN +10 | **Examples:** <br> To enter number 5, press 5. <br> To enter number 15, press +10, then 5. <br> To enter number 30, press +10, +10, then 10. |

## 3 Start playback.

**DVD/CD ►**

Playback starts in the order you have programmed.

| To skip a step: | To pause: | To stop: |
|---|---|---|
| GROUP/TITLE SKIP ◄◄ ►► | To release, press DVD/CD ►. | |

### To check the programmed contents

Before or after playback...

TV CH ⊕ ∧ → In the reverse order.

TV CH ⊖ ∨ → In the programmed order.

• You can also use ◄◄ or ►► to check the programmed contents.

### To modify the program

Before or after playback...

**To erase the last step:**

SHIFT → CANCEL SET

(at the same time)

| To erase the entire program: | To add steps in the program: |
|---|---|
| ■ | Repeat step 2. |

### To exit from Program Play

Before or after playback...

FM/PLAY MODE → PROGRAM → RANDOM → Canceled ←
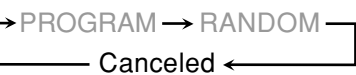
## Playing at Random—Random Play (Remote ONLY)

You can play all chapters or tracks at random.
• Random Play cannot be used for DVD-VR and some DVDs.

## 1 Before starting playback, activate Random Play.

FM/PLAY MODE → PROGRAM → RANDOM → Canceled ←

RANDOM  *RANDOM*
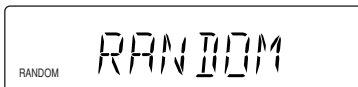
## 2 Start playback.

**DVD/CD ►**

Playback starts in random order. Random Play ends when the entire disc has been played.

| To skip a chapter/ track: | To pause: | To stop: |
|---|---|---|
| ►► | To release, press DVD/CD ►. | ■ |

### To exit from Random Play

Before or after playback...

FM/PLAY MODE → PROGRAM → RANDOM → Canceled ←

**19**

## Playing Repeatedly ⟨Remote ONLY⟩ »⟩ INFO ● ● ●

• You can also select the repeat mode using the on-screen bar (see pages 22 and 23).
• For JPEG/DVD-VR discs, see page 26.

### Repeat Play

You can repeat playback.

**• For DVD Video:**
While playing...

REPEAT A-B
REPEAT

→ REP CHAP* → REP TTL →
REP OFF ←
(Canceled)

**• For DVD Audio:**
While playing or before playback...
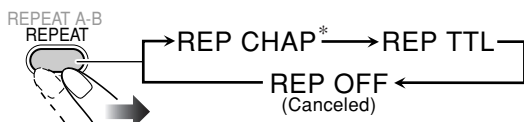
REPEAT A-B
REPEAT

→ REP TRK* → REP GRP →
REP OFF ←
(Canceled)

**• For MP3:**
While playing or before playback...

REPEAT A-B
REPEAT

→ REP TRK* → REP GRP →
REP OFF ← REP ALL ←
(Canceled)
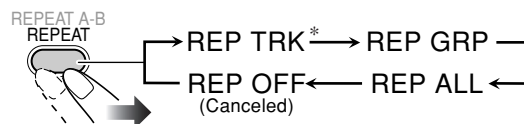
**• For CD/SVCD/VCD:**
While playing (without PBC for SVCD/VCD) or before playback...

REPEAT A-B
REPEAT

→ REP TRK* → REP ALL →
REP OFF ←
(Canceled)

| | |
|---|---|
| **REP CHAP*** | Repeats the current chapter. |
| **REP TTL** | Repeats the current title. |
| **REP TRK*** | Repeats the current track. |
| **REP GRP** | Repeats the current group. |
| **REP ALL** | Repeats the disc or program. |

*During Program Play and Random Play, "REP STEP" appears instead of these indications, and repeat modes change as follows for all the discs.

→ REP STEP → REP ALL →
REP OFF ←
(Canceled)
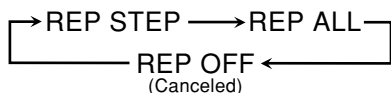
### A-B Repeat

You can repeat playback of a desired portion by specifying the beginning (point A) and the ending (point B).
• A-B Repeat cannot be used for MP3 and for some DVDs.

**1 While playing (without PBC for SVCD/VCD), select the start point (A).**

SHIFT ⟩ REPEAT A-B
REPEAT

(at the same time)

↪ starts flashing on the display.
• ⟲A- appears on the TV if the TV is turned on.

**2 Select the end point (B).**

SHIFT ⟩ REPEAT A-B
REPEAT

(at the same time)

↪ stops flashing.
• ⟲A-B appears on the TV.

• You can search for the end point using the ►► button.
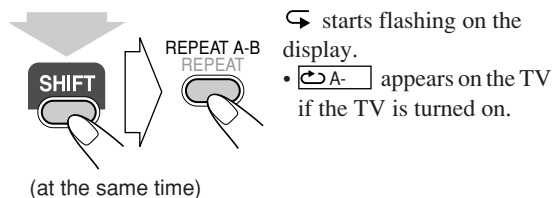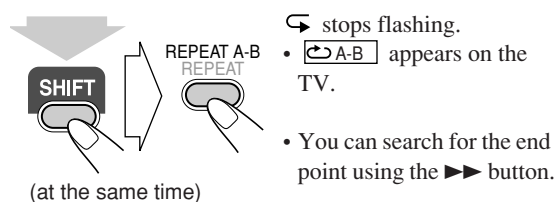
**To cancel A-B Repeat,** press REPEAT A-B again while holding SHIFT.
• A-B Repeat will also be canceled when you stop play or skip the chapter or track.

## Prohibiting Disc Ejection—Child Lock ⟨Main Unit ONLY⟩

You can lock the disc tray so that no one can eject the loaded disc.
• This is possible while the System is on standby.

**While the disc tray is closed...**

■ ⟩ ▲

(at the same time)
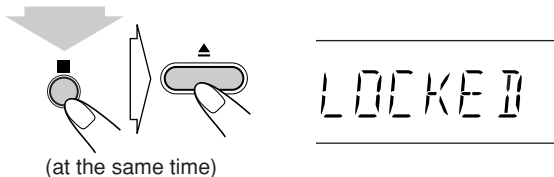
LOCKED

**To cancel the prohibition,** repeat the same procedure.
"UNLOCKED" appears on the display.

# On-Screen Disc Operations

## Remote control



- 10 keys
- TOP MENU/PG
- MENU/PL
- ENTER
- <, >, ∧, ∨
- ON SCREEN
- DVD/CD ►
- ■
- II
- REPEAT
- ►►
- I◄◄/►►I
- ZOOM

**JVC**

## On-screen bars

### DVD Video



| 1 | 2 | 3 |

DVD-VIDEO | Dolby D 3/2.1ch | TITLE 2 | CHAP 3 | TIME 0:00:58 | ►
TIME | ↻ OFF | ⊙→ | CHAP. → | ⅅ 1/3 | ▭ 1/ 3 | 🎥 1/1

| 4 |

### DVD Audio



| 1 | 2 | 3 |

DVD-AUDIO | LPCM 2/0.0ch | GROUP 14 | TRACK 23 | TIME 0:00:58 | ►
TIME | ↻ OFF | ⊙→ | TRACK → | ⅅ 1/ 3 | PAGE 1/ 3

| 4 |

### SVCD



| 1 | 2 | 3 |

SVCD | | TRACK 3 | TIME 0:00:58 | ►
TIME | ↻ OFF | ⊙→ | ⅅ ST1 | ▭ -/ 4

| 4 |

### VCD



| 1 | 2 | 3 |

VCD | | TRACK 3 | TIME 0:00:58 | ►
TIME | ↻ OFF | ⊙→ | ⅅ ST

| 4 |

### CD



| 1 | 2 | 3 |

CD | | TRACK 3 | TIME 0:00:58 | ►
TIME | ↻ OFF | ⊙→

| 4 |
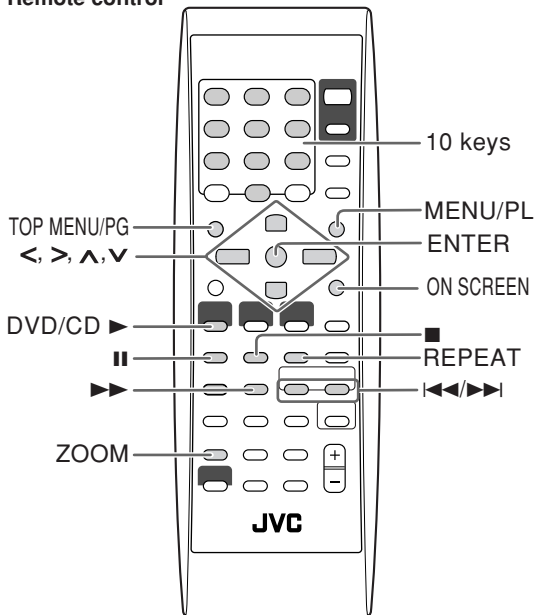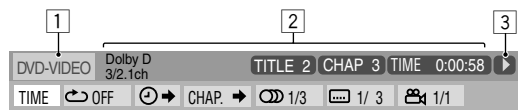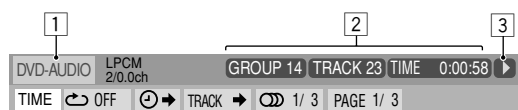
## On-screen Bar Information ● ● ● ● ●

You can check the disc information (except for MP3/JPEG disc) and use some functions through the on-screen bar.

1 **Disc type**

2 **Playback information**

| Indication | Meanings |
|---|---|
| Dolby D | Audio format |
| 3/2.1ch | Channel number |
| TITLE 2 | Current title |
| CHAP 3 | Current chapter |
| GROUP 1 | Current group |
| TRACK 14 | Current track |
| TOTAL 1:25:58 | Time indications |

3 **Operation modes**

| Indication | Meanings |
|---|---|
| ▶ | Playback |
| ▶▶ / ◀◀ | Forward/Reverse search |
| � / ◀ | Forward/Reverse slow-motion |
| II | Pause |
| ■ | Stop |

4 **Function icons (on the pull-down menu)**

| Indication | Meanings |
|---|---|
| TIME | Select to change the time indication. |
| ↻ OFF | Select to repeat playback. |
| ⊙→ | Select for time search. |
| CHAP. → | Select for chapter search. |
| TRACK → | Select for track search. |
| ⅅ 1/3 | Select to change the audio language or channel (see also page 15). |
| ▭ 1/3 | Select to change subtitle language (see also page 16). |
| 🎥 1/3 | Select to change the view angle (see also page 16). |
| PAGE 1 / 5 | Select to change the page (see also page 16). |

**21**

## Operations Using the On-screen Bar  *Remote ONLY*  ≫ INFO

Ex.: Selecting a subtitle (French) for DVD Video

**While a disc is selected as the source...**

### 1 Display the entire on-screen bar.

ON SCREEN

| DVD-VIDEO | Dolby D 3/2.1ch | | TITLE 2 | CHAP 3 | TIME 0:00:58 | ▶ |

| DVD-VIDEO | Dolby D 3/2.1ch | | | TITLE 2 | CHAP 3 | TIME 0:00:58 | ▶ |
| TIME | ⟲ OFF | ⊘➔ | CHAP. ➔ | ⟴ 1/3 | ⊟ 1/ 3 | 🎥 1/1 |
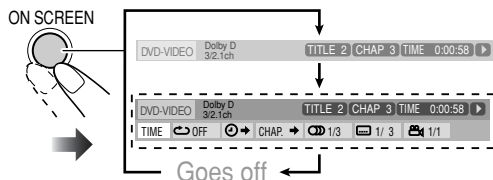
Goes off ←

### 2 Select (highlight) the item you want.

< >

| DVD-VIDEO | Dolby D 3/2.1ch | | | TITLE 2 | CHAP 3 | TIME 0:00:58 | ▶ |
| TIME | ⟲ OFF | ⊘➔ | CHAP. ➔ | ⟴ 1/3 | ⊟ 1/ 3 | 🎥 1/1 |

### 3 Display the pop-up window.

ENTER

| TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| ➔ | ⟴ 1/3 | ⊟ 1/ 3 | 🎥 1/1 |
ENGLISH
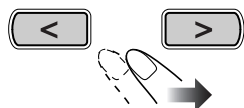
### 4 Select the desired option in the pop-up window.

TV CH ⊕
∧

TV CH ⊖
∨

| TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| ➔ | ⟴ 1/3 | ⊟ 2/ 3 | 🎥 1/1 |
FRENCH

### 5 Finish the setting.

ENTER
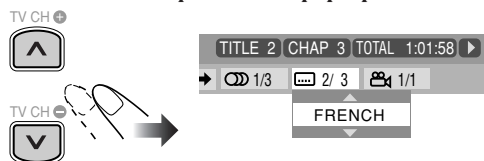
Pop-up window goes off.

**To erase the on-screen bar**

ON SCREEN

---

For detailed operations of the following functions, see also "Operations Using the On-screen Bar" on the left.

### To change the time information

You can change the time information in the on-screen bar and the display window on the main unit.

**1 While playing, display the on-screen bar with the pull-down menu.**

| DVD-VIDEO | Dolby D 3/2.1ch | | | TITLE 2 | CHAP 3 | TIME 0:00:58 | ▶ |
| TIME | ⟲ OFF | ⊘➔ | CHAP. ➔ | ⟴ 1/3 | ⊟ 1/ 3 | 🎥 1/1 |

**2 Make sure TIME is selected (highlighted).**

**3 Change the time indication.**

ENTER

→ TIME 0:00:58 → REM 0:11:23
T.REM 0:35:24 ← TOTAL 1:01:58 ←
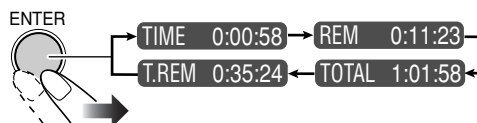
| **TIME** | Elapsed playing time of the current chapter/track. |
| **REM** | Remaining time of the current chapter/track. |
| **TOTAL** | Elapsed disc time. |
| **T.REM** | Remaining disc time. |

**To erase the on-screen bar**

ON SCREEN

### Repeat Play

• See also page 20.

**1 While playing a disc (without PBC for SVCD/VCD), display the entire on-screen bar.**
   • Repeat Play can be selected before starting playback, except for DVD Video/DVD-VR.

**2 Select ⟲ OFF .**

**3 Display the pop-up window.**

| DVD-VIDEO | Dolby D 3/2.1ch | | | TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| TIME | ⟲ OFF | ⊘➔ | CHAP. ➔ | ⟴ 1/3 | ⊟ 1/ 3 | 🎥 1/1 |
OFF
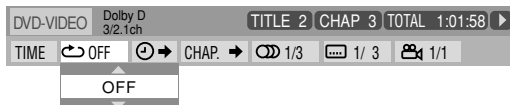
**4 Select the repeat mode you want.**

| A-B | Repeats a desired portion (see below). |
|-----|----------------------------------------|
| TITLE* | Repeats the current title. |
| GROUP | Repeats the current group. |
| ALL | Repeats the disc (except for DVD) or program. |
| CHAPTER** | Repeats the current chapter. |
| TRACK** | Repeats the current track. |
| OFF | Cancels Repeat Play. |

* While playing a DVD-VR disc, "PG" appears, and while playing a Program list, "PL" appears.
** During Program Play and Random Play, "STEP" appears.

**5 Finish the setting.**

ENTER

## A-B Repeat

• See also page 20.

**1 While playing, display the entire on-screen bar.**

**2 Select  ↺ OFF  .**

**3 Display the pop-up window.**

| DVD-VIDEO | Dolby D 3/2.1ch | | | | | TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| TIME | ↺ OFF | ⊙→ | CHAP. → | ⦻ 1/3 | ⊡ 1/ 3 | 🎥 1/1 | | | |

OFF

**4 Select "A-B."**

| DVD-VIDEO | Dolby D 3/2.1ch | | | | | TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| TIME | ↺ OFF | ⊙→ | CHAP. → | ⦻ 1/3 | ⊡ 1/ 3 | 🎥 1/1 | | | |

A–B

**5 Select the start point (A).**

ENTER

| DVD-VIDEO | Dolby D 3/2.1ch | | | TITLE 2 |
| TIME | ↺ A- | ⊙→ | CHAP. → | ⦻ 1/3 |

**6 Select the end point (B).**

ENTER

A-B Repeat starts. The selected portion plays repeatedly.
• Before pressing ENTER, you can search for the end point using the ►► button.

**To cancel A-B Repeat,** repeat steps **1** to **3**, and select "OFF" in step **4**.

## Time Search

You can move to a particular point by specifying the elapsed playing time from the beginning.

**1 While playing (without PBC for SVCD/VCD), display the entire on-screen bar.**
• Time Search can be used before starting playback, except for DVD Video/DVD-VR.

**2 Select  ⊙→  .**

**3 Display the pop-up window.**

| DVD-VIDEO | Dolby D 3/2.1ch | | | | | TITLE 2 | CHAP 3 | TIME 0:00:58 | ▶ |
| TIME | ↺ OFF | ⊙→ | CHAP. → | ⦻ 1/3 | ⊡ 1/ 3 | 🎥 1/1 | | | |

TIME _ : _ _ : _ _

**4 Enter the time.**
You can specify the time in hours/minutes/seconds.

| DIMMER | SLEEP | A.STANDBY |
| 1 | 2 | 3 |
| VFP | SCAN MODE | |
| 4 | 5 | 6 |
| 3D PHONIC | | DVD LEVEL |
| 7 | 8 | 9 |
| | 0 | |
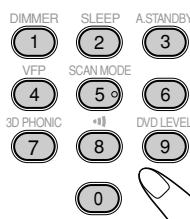
**Examples:**
To move to a point of 1 (hours): 02 (minutes): 00 (seconds), press 1, 0, 2, 0, then 0.

To move to a point of 54 (minutes): 00 (seconds), press 0, 5, 4, 0, then 0.

• It is always required to enter the hour digit (even "0" hour), but it is not required to enter trailing zeros (the last two digits in the examples above).
• **To correct a misentry,** press Cursor < to erase the last entry.

**5 Finish the setting.**

ENTER

The System starts playing the disc from the selected playing time.

## Chapter/Track Search

You can search for the chapter (DVD Video/DVD-VR) or track (DVD Audio) number to play.

**1 While playing, display the entire on-screen bar.**

**2 Select  CHAP. →  or  TRACK →  .**

**3 Display the pop-up window.**

| DVD-VIDEO | Dolby D 3/2.1ch | | | | | TITLE 2 | CHAP 3 | TOTAL 1:01:58 | ▶ |
| TIME | ↺ OFF | ⊙→ | CHAP. → | ⦻ 1/3 | ⊡ 1/ 3 | 🎥 1/1 | | | |
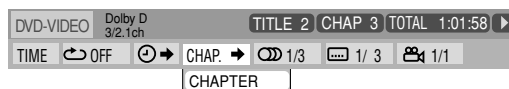
CHAPTER _

**4 Enter the desired chapter/track number.**

```
DIMMER    SLEEP    A.STANDBY
  (1)      (2)       (3)
VFP      SCAN MODE
  (4)      (5)       (6)
3D PHONIC           DVD LEVEL
  (7)      (8)       (9)
           (0)
```

**Examples:**
To select chapter/track 5, press 5.
To select chapter/track 15, press 1, then 5.
To select chapter/track 30, press 3, then 0.

• **To correct a misentry,** press the 10 keys until the desired number shown in the pop-up window.

**5 Finish the setting.**

ENTER

The System starts playing the searched chapter or track.

## Browsable Still Pictures

**For DVD Audio only:** While playing back a track linked to browsable still pictures (B.S.P.), you can select the still picture (turn the page) to be shown on the TV.
• If a track is linked to browsable still pictures (B.S.P.), they are usually shown in turn automatically during playback.

**1 While playing a DVD Audio, display the entire on-screen bar.**

**2 Select PAGE 1/5 .**

**3 Display the pop-up window.**

```
DVD-AUDIO  LPCM        GROUP 14 TRACK 23 TIME  0:00:58 ▶
           2/0.0ch
TIME  ⟲ OFF   ⊙→ TRACK → ⟳ 1/ 3  PAGE 1/ 5
                                        ▲
                                        1
                                        ▼
```
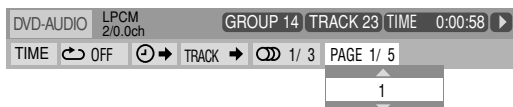
**4 Select a still picture you want.**

```
DVD-AUDIO  LPCM        GROUP 14 TRACK 23 TIME  0:00:58 ▶
           2/0.0ch
TIME  ⟲ OFF   ⊙→ TRACK → ⟳ 1/ 3  PAGE 3/ 5
                                        ▲
                                        3
                                        ▼
```

**5 Finish the setting.**

ENTER
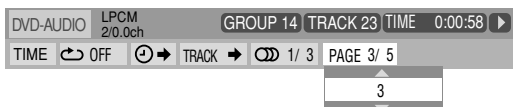
## Operations on the Control Screen INFO

*Remote ONLY* »

You can search for and play the desired items through the control screen.

### Control screen for MP3/JPEG disc

The control screen automatically appears on the TV screen when you load an MP3 or a JPEG disc.

Ex.: When the MP3 disc is loaded.

```
                                         ⑥
                                         ⑦
  FILE              REPEAT TRACK  TIME : 00:00:14  ▶•   ⑧
① ─────
  Group : ( 2 / 3 )           Track : ( 6 / 14 (Total 41) )  ⑨
  Spring                  Cloudy.mp3
② Summer                  Fair.mp3
  Fall                    Fog.mp3
  Winter                  Hail.mp3
③                         Indian summer.mp3
  Track Information        Rain.mp3              c   ⑩
  Title                   Shower.mp3                ⑪
  Rain                    Snow.mp3
④ Artist                  Thunder.mp3
                          Typhoon.mp3
  Album                   Wind.mp3
                          Winter sky.mp3
⑤
```
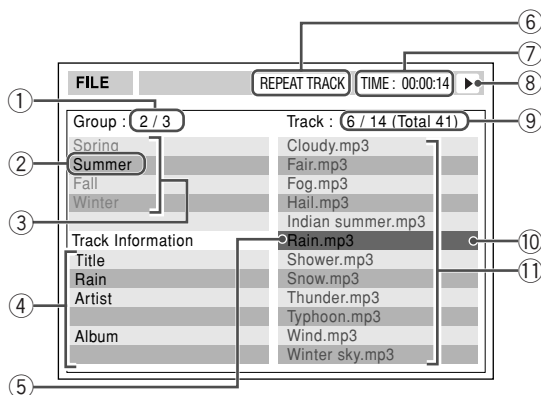
① Current group number/total group number
② Current group
③ Group list
④ Track information (ID3 Tag Version 1.0: only for MP3)
⑤ Current track
⑥ Repeat Play setting
⑦ Elapsed playing time of the current track (only for MP3)
⑧ Operation mode icon
⑨ Current track number/total number of tracks in the current group (total number of tracks on the loaded disc)
⑩ Highlight bar
⑪ Track list

• If files of different types (MP3 and JPEG) are recorded on a disc, select the file type to play (see page 29).

## Control screen for DVD-RW/RAM in DVD-VR format

The control screen is superimposed on the TV screen when you call up Program List (PG) or Play List (PL).

**To select playback type**

| To select the Program List: | To select the Play List: |
|---|---|
| TOP MENU/PG | MENU/PL |

To erase the list, press the same button again.

Ex.: When Program List is selected.

```
ORIGINAL PROGRAM
No  Date      Ch   Time    Title
 1  03/12/04  L    12:15   La fleur
 2  09/12/04  L    23:05   The last struggle
 3  18/12/04  L    08:17   free flyer
 4  20/12/04  L    07:47   BOOM!
 5  25/12/04  L    19:38   Mr. Lawrence
 6  28/12/04  L    14:20   Satisfy U
```

① ② ③ ④ ⑤ ⑥

Ex.: When Play List is selected.

```
PLAY LIST
No  Date      Chap  Length   Title
 1  03/12/04  002   0:23:24  Nebula G.
 2  15/12/04  004   1:04:39  CDJ
 3  24/12/04  013   0:41:26  Secret Garden
 4  27/12/04  017   0:09:08  S. Walker
```

① ② ⑦ ⑧ ⑥

① Listed number
② Recording date
③ Recording channels
④ Recording time
⑤ Title
⑥ Highlight bar (current selection)
⑦ Chapters included
⑧ Playback time

**To move the highlight bar between group list and track list (for MP3/JPEG):**

< > → Moves the bar to the track list.

→ Moves the bar to the group list.
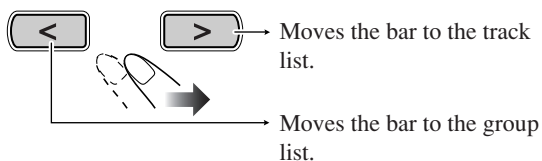
**To select an item in the list:**

TV CH ⊕
∧

TV CH ⊖
∨

Move the highlight bar to a desired item.
• If you move the highlight bar while playing back an MP3 disc, the selected track starts playback automatically.
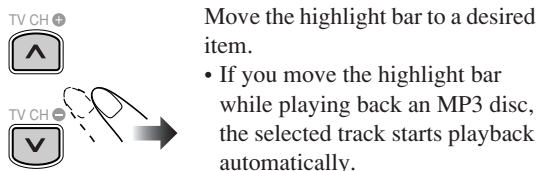
**To start playback**

| For JPEG: | |
|---|---|
| ENTER | The selected track (still picture) is displayed until you change it. |
| DVD/CD ► | Slide-show playback starts. Each track (still picture) is shown on the screen for about 3 seconds, then changes one after another. |
| **For the other discs:** | |
| ENTER | Playback starts with the selected track.<br>• Pressing DVD/CD ► also starts playback. |

• Once you start playing back a JPEG track, the control screen goes off.
• To cancel slide-show, and display the current still picture, press ❚❚.

**25**

**To select a group (for MP3/JPEG):**



GROUP/TITLE SKIP

SHIFT

(at the same time)
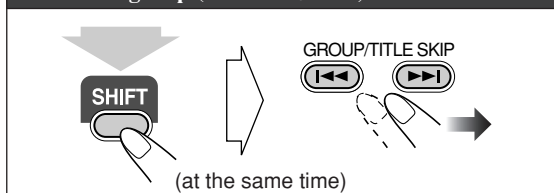
| **To skip a track:** | **To stop playback:** |
|---|---|
| GROUP/TITLE SKIP | |
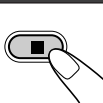
**To repeat slide-show for JPEG**

While playing or before playback...

REPEAT A-B
REPEAT

→ REP GRP → REP ALL

REP OFF ←
(Canceled)
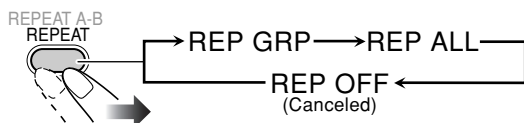
| **REP GRP** | Repeats the current group. |
|---|---|
| **REP ALL** | Repeats the disc. |

• For Repeat Play of the other disc types, see page 20.

**To repeat playback for DVD-VR**

While playing an original program...

REPEAT A-B
REPEAT

→ REP CHAP → REP PG
REP OFF ← REP ALL ←
(Canceled)

While playing a Program List...
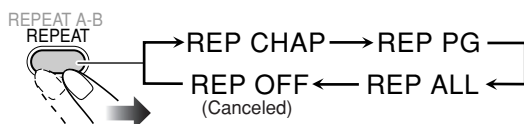
REPEAT A-B
REPEAT

→ REP CHAP → REP PL
REP OFF ←
(Canceled)
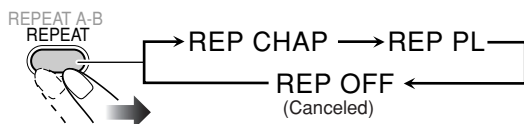
| **REP CHAP** | Repeats the current chapter. |
|---|---|
| **REP PG** | Repeats the current program. |
| **REP PL** | Repeats the current Program List. |
| **REP ALL** | Repeats all programs. |

**To zoom in the still picture (for JPEG)**

• You cannot zoom in the still picture during slide-show.

**1** **While playing back a still picture...**
   • During slide-show, press ❚❚ to display the still picture, then...
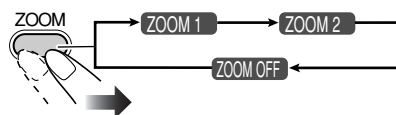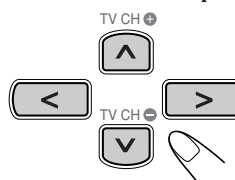
ZOOM

→ ZOOM 1 → ZOOM 2

ZOOM OFF

**2** **Move the zoomed-in position.**

TV CH ⊕
∧

< TV CH ⊖ >

∨

**To cancel Zoom,** press ZOOM repeatedly until "ZOOM OFF" appears on the TV.

**26**

# Timer Operations

**Remote control**



- ⏻/| AUDIO
- CANCEL SET
- <, >
- SHIFT
- CLOCK/TIMER
- JVC
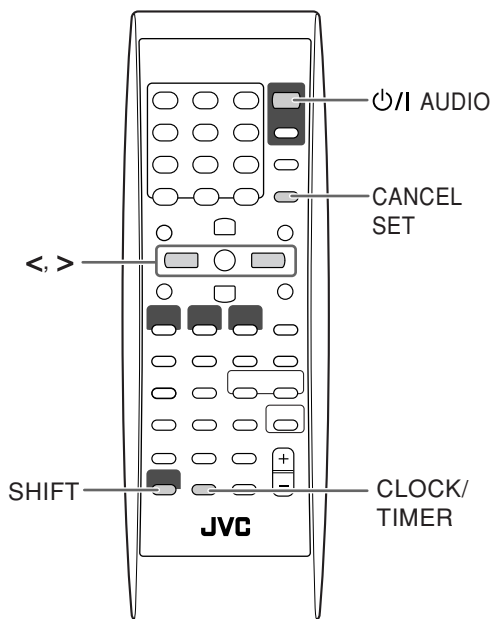
## Setting the Timer

Using Daily Timer, you can wake up with your favorite music.

You can store three Daily Timer settings; however, you can activate only one of the timers at a time.

- To exit from the timer setting, press CLOCK/TIMER as required.
- To correct a misentry during process, press CANCEL. You can go back to the previous step.

Daily Timer initial settings when shipped from the factory
- DAILY 1:ON Time (AM6:00)/OFF Time (AM8:00)/ Source (TUNER FM 1)/Volume level (– –)
- DAILY 2:ON Time (PM12:00)/OFF Time (PM2:00)/ Source (TUNER FM 1)/Volume level (– –)
- DAILY 3:ON Time (PM6:00)/OFF Time (PM8:00)/ Source (TUNER FM 1)/Volume level (– –)

**1** **Select one of the timer setting modes you want to set— Daily 1 ON time, Daily 2 ON time, or Daily 3 ON time.**
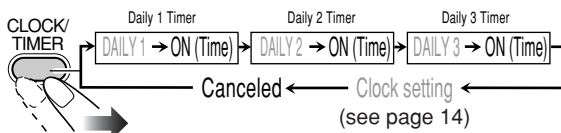


Ex. When Daily Timer 1 setting mode is selected

- When the clock has not been adjusted, pressing CLOCK/TIMER makes the System enter the clock setting mode.

**2** **Make the timer setting as you want.**
Repeat the following operations until you finish setting in the following order—
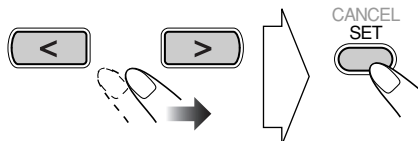


① **Set the hour then the minute for on-time.**

**27**

2 **Set the hour then the minute for off-time.**
3 **Select the playback source—"TUNER FM,"
   "TUNER AM," "DISC," or "AUX."**



4 **For "TUNER FM" and "TUNER AM": Select a
   preset channel.
   For "DISC": Select the title/group number, then
   the chapter/track number.**
5 **Select the volume level.**
   • You can adjust the volume level ("1" to
   "40" and "VOL – –").
   If you select "VOL – –," the volume is set to the last
   level when the unit has been turned off.

Once settings are complete, the Timer setting information
appears in sequence.

**3 Turn off the unit (on standby) if you have set the timer
with the System turned on.**



---

### How Daily Timer actually works

Once the Daily Timer has been set, the timer ( ⏱ )
indicator and timer number indicator (1/2/3) are lit on the
display. Daily Timer is activated at the same time
everyday until the timer is turned off manually (see the
next column) or another timer is activated.

#### When the on-time comes

The System turns on, tunes in to the specified station or
starts playing the loaded disc with the specified chapter or
track, and sets the volume level to the preset level.
• While Daily Timer is working, the timer ( ⏱ ) indicator
and timer number indicator (1/2/3) flash on the display.

#### When the off-time comes

The System stops playback, and turns off (stands by)
automatically.
• The timer setting remains in memory until you change
it.

---

## To turn on or off the Timer

Since Daily Timer is activated at the same time everyday,
you may need to cancel it on some particular days.

### To cancel the Timer
**1 Select the Timer you want to cancel.**
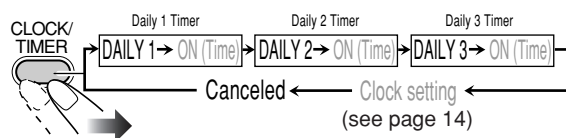


Ex. To cancel Daily
Timer 1

**2 Turn off the selected Timer.**



(at the same time)
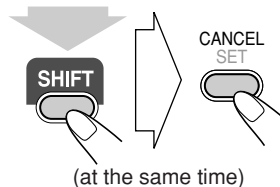
### To turn on the Timer
**1 Select the Timer (DAILY 1, DAILY 2, or DAILY 3)
you want to activate.**
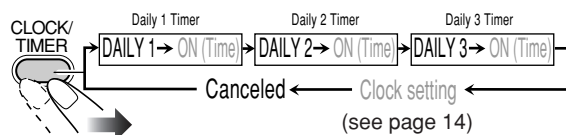


**2 Activate the selected Timer.**
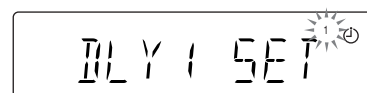


Ex. When Daily Timer 1 (DAILY 1) is
activated

**3 Wait until the indication goes off.**

# Setup Menu Operations

**Remote Control**

10 keys

< , > , ∧ , ∨

SET UP

ENTER

JVC
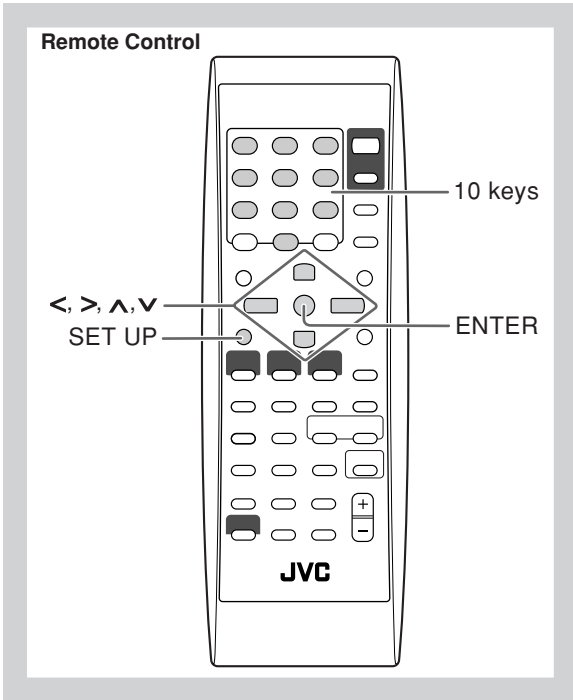
## Initial settings INFO ● ● ● ● ● ● ● ●

Some items in the menus cannot be changed during playback.

**1 Press SET UP.**

| LANGUAGE | |
|---|---|
| MENU LANGUAGE | ENGLISH |
| AUDIO LANGUAGE | ENGLISH |
| SUBTITLE | OFF |
| ON SCREEN LANGUAGE | ENGLISH |
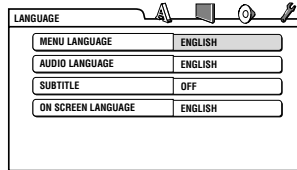
**2 Press < (or >)to select the menu.**

**3 Press ∧ (or ∨) to move to select the item.**

**4 Press ENTER.**

**5 Press ∧ (or ∨) to select the options, then press ENTER.**
 • For settings of the LANGUAGE menu, see also "Language Code List" on page 30.

**To erase a preference display**
Press SET UP.

## LANGUAGE menu

| Item | Contents |
|---|---|
| **MENU LANGUAGE** | You can select the initial menu language of DVD Video. |
| **AUDIO LANGUAGE** | You can select the initial audio language of DVD Video. |
| **SUBTITLE** | You can select the initial subtitle language of DVD Video. |
| **ON SCREEN LANGUAGE** | You can select "ENGLISH," "SPANISH," or "FRENCH" as the on-screen language. |

## PICTURE menu

| Item | Contents |
|---|---|
| **MONITOR TYPE** <br> **16:9** **4:3 LB** <br> **4:3 PS** | You can select the monitor type to match your TV when you play back DVD Video discs recorded for wide-screen televisions. <br> **16:9 (Wide television screen):** For a wide-screen (16:9) TV. <br> **4:3 LB (Letter box conversion):** For a conventional (4:3) TV. Displays a wide-screen picture to fit the width of the TV screen keeping the aspect ratio. <br> **4:3 PS (Pan Scan conversion):** For a conventional (4:3) TV. The picture is zoomed up for filling the screen vertically and the left and right sides of the picture are cut off. |
| **PICTURE SOURCE** | You can obtain optimal picture quality by selecting the source type of the disc contents. <br> **AUTO:** Normally, select this option. The System recognizes the picture type (film or video source) of the current disc according to the disc information. <br> **FILM:** For a film source disc. <br> **VIDEO:** For a video source disc. |
| **SCREEN SAVER** | You can set the screen saver function to **ON** or **OFF.** |
| **FILE TYPE** | You can select the file type to play. <br> **AUDIO:** To play MP3 files. <br> **STILL PICTURE:** To play JPEG files. |

**29**

### AUDIO menu

| Item | Contents |
|---|---|
| **DIGITAL AUDIO OUTPUT** | Set this item correctly when using the DVD OPTICAL DIGITAL OUT terminal on the rear.<br>**PCM ONLY:** When connecting to audio equipment which can decode only linear PCM signals.<br>**DOLBY DIGITAL/PCM:** When connecting to a Dolby Digital decoder or an amplifier with a built-in Dolby Digital decoder.<br>**STREAM/PCM:** When connecting to a DTS decoder or an amplifier with a built-in DTS decoder. |
| **DOWN MIX** | This setting is effective for digital audio output if "DIGITAL AUDIO OUTPUT" is set to "PCM ONLY."<br>**DOLBY SURROUND:** Select this when connecting to a surround decoder.<br>**STEREO:** Select this when connecting to a stereo receiver, MD player, TV, etc. |
| **D.RANGE COMPRESSION** | Set this item to listen to DVD Video recorded in Dolby Digital format at low or middle volume.<br>**AUTO:** You can enjoy powerful playback sound.<br>**ON:** Select this if the sound level of DVD Video is lower than the one of TV program to make the sound at a lower volume clear. |

### OTHERS menu

| Item | Contents |
|---|---|
| **RESUME** | You can select the Resume.<br>**ON:** The System resumes playback from the position where playback has been stopped if the disc is still in the disc tray.<br>**OFF:** Resume is deactivated. |
| **ON SCREEN GUIDE** | Activate or deactivate the on-screen guide. |

## Language Code List

| Code | Language | Code | Language | Code | Language | Code | Language | Code | Language |
|---|---|---|---|---|---|---|---|---|---|
| AA | Afar | FA | Persian | KM | Cambodian | OM | (Afan) Oromo | SU | Sundanese |
| AB | Abkhazian | FI | Finnish | KN | Kannada | OR | Oriya | SV | Swedish |
| AF | Afrikaans | FJ | Fiji | KO | Korean (KOR) | PA | Panjabi | SW | Swahili |
| AM | Ameharic | FO | Faroese | KS | Kashmiri | PL | Polish | TA | Tamil |
| AR | Arabic | FY | Frisian | KU | Kurdish | PS | Pashto, Pushto | TE | Telugu |
| AS | Assamese | GA | Irish | KY | Kirghiz | PT | Portuguese | TG | Tajik |
| AY | Aymara | GD | Scots Gaelic | LA | Latin | QU | Quechua | TH | Thai |
| AZ | Azerbaijani | GL | Galician | LN | Lingala | RM | Rhaeto-Romance | TI | Tigrinya |
| BA | Bashkir | GN | Guarani | LO | Laothian | RN | Kirundi | TK | Turkmen |
| BE | Byelorussian | GU | Gujarati | LT | Lithuanian | RO | Rumanian | TL | Tagalog |
| BG | Bulgarian | HA | Hausa | LV | Latvian, Lettish | RU | Russian | TN | Setswana |
| BH | Bihari | HI | Hindi | MG | Malagasy | RW | Kinyarwanda | TO | Tonga |
| BI | Bislama | HR | Croatian | MI | Maori | SA | Sanskrit | TR | Turkish |
| BN | Bengali, Bangla | HU | Hungarian | MK | Macedonian | SD | Sindhi | TS | Tsonga |
| BO | Tibetan | HY | Armenian | ML | Malayalam | SG | Sangho | TT | Tatar |
| BR | Breton | IA | Interlingua | MN | Mongolian | SH | Serbo-Croatian | TW | Twi |
| CA | Catalan | IE | Interlingue | MO | Moldavian | SI | Singhalese | UK | Ukrainian |
| CO | Corsican | IK | Inupiak | MR | Marathi | SK | Slovak | UR | Urdu |
| CS | Czech | IN | Indonesian | MS | Malay (MAY) | SL | Slovenian | UZ | Uzbek |
| CY | Welsh | IS | Icelandic | MT | Maltese | SM | Samoan | VI | Vietnamese |
| DA | Danish | IW | Hebrew | MY | Burmese | SN | Shona | VO | Volapuk |
| DZ | Bhutani | JI | Yiddish | NA | Nauru | SO | Somali | WO | Wolof |
| EL | Greek | JW | Javanese | NE | Nepali | SQ | Albanian | XH | Xhosa |
| EO | Esperanto | KA | Georgian | NL | Dutch | SR | Serbian | YO | Yoruba |
| ET | Estonian | KK | Kazakh | NO | Norwegian | SS | Siswati | ZU | Zulu |
| EU | Basque | KL | Greenlandic | OC | Occitan | ST | Sesotho | | |

# Additional Information

## Learning More about This System ● ● ●

### Connections (see pages 3 to 5)

• Make sure the antenna conductors do not touch any other terminals, connecting cords and power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.

• Use only speakers with the same speaker impedance as indicated by the speaker terminals on the rear of the System.

• The speakers are magnetically shielded to avoid color distortions on TVs. However, if not installed properly, it may cause color distortions. So, pay attention to the following when installing the speakers.
  – When placing the speakers near a TV set, turn off the TV's main power switch or unplug it before installing the speakers.
  Then wait at least 30 minutes before turning on the TV's main power switch again.
  – Some TVs may still be affected even though you have followed the above instruction. If this happens, move the speakers away from the TV.

### Daily Operations—Playback (see pages 7 to 10)

**Listening to the Radio:**

• If you store a new station into an occupied preset number, the previously stored station in that number will be erased.

• When 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.

**Playing Back a Disc:**

• On some DVD, SVCD, or VCD discs, the actual operations may be different from what is explained in this manual, due to the programming and disc structure; such differences are not a malfunction of this System.

• Some DVD Audios prohibit downmix. When you play back such a disc, "LR ONLY" appears on the display and the System plays back the left front and right front signals.

• When playing back a DVD Audio disc recorded in MLP (Meridian Lossless Packing; a lossless audio compression system that can completely recreate the PCM signal), the signals are recognized as the linear PCM signals, however, no indicator lights up on the display.

• For MP3 playback...
  – MP3 discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
  – Some MP3 files cannot be played back and will be skipped. This results from their recording processes and conditions.
  – When making MP3 discs, use ISO 9660 Level 1 or Level 2 for the disc format.
  – This System can play back MP3 files with the extension code <.mp3> (regardless of the letter case—upper/lower).
  – It is recommended that you make each MP3 file at a sampling rate of 44.1 kHz and at bit rate of 128 kbps. This System cannot play back files made at bit rate of less than 64 kbps.

### Daily Operations—Sound & Other Adjustments (see pages 11 to 14)

**Adjusting the Sound:**

• This function also affects the sound through the headphones.

**Presetting Automatic DVD Video Sound Increase Level:**

• This also functions for DVD-VR formatted discs.

**Changing the Scanning Mode:**

• You cannot change the scanning mode to progressive in the following cases:
  – When your TV does not support the progressive video input.
  – When you have not connected your TV to the system using a component video cord.

**Setting the Clock:**

• "AM12:00" will flash on the display until you set the clock.

• The clock may gain or lose 1 to 2 minutes per month. If this happens, reset the clock.

## Unique DVD/VCD Operations (see pages 15 to 17)
**Selecting the Audio Track:**
• On some DVD Videos, you cannot change audio languages while playing back.

**Special Effect Playback:**
• During slow-motion playback, no sound will be reproduced.
• While zoomed in, the picture may look coarse.

## Advanced Disc Operations (see pages 18 to 20)
**Programming the Playing Order—Program Play:**
• While programming steps...
  Your entry will be ignored if you have tried to program an item number that does not exist on the disc (for example, selecting track 14 on a disc that only has 12 tracks).

**Playing Repeatedly:**
• A-B Repeat can be used within the same title while playing a DVD Video, and within the same track for the other discs.

## On-Screen Disc Operations (see pages 21 to 26)
**Operations Using the On-screen Bar:**
• For DVD-RW/RAM in the VR format, "PG" or "PL" appears instead of "TITLE" on the on-screen bar.

**Operations on the Control Screen:**
• For JPEG files playback...
  – It is recommended that you record a file at 640 x 480 resolution. (If a file has been recorded at a resolution of more than 640 x 480, it will take a long time to be shown.)
  – This System can play only baseline JPEG files*. Progressive JPEG files* or lossless JPEG files* cannot be played.
    * Baseline JPEG format: Used for digital cameras, web, etc.
      Progressive JPEG format: Used for web.
      Lossless JPEG format: An old type and rarely used now.
• This System can play back JPEG files with the extension code <.jpg> or <.jpeg> (regardless of the letter case—upper/lower).
• This System may not play back JPEG files properly if they are recorded on the devices other than digital still camera.
• During slide-show playback, zoom cannot be operated.
• For DVD-VR playback...
  – When making a disc, use the UDF-Bridge format.
  – For details about DVD-VR format and play list, refer to the manual of the recording equipment.
  – If you use a DVD-RAM with a cartridge, take the disc out of the cartridge before inserting.
  – You cannot use reverse slow motion, Program Play, and Random Play.

## Timer Operations (see pages 27 to 28)
**Setting the Timer:**
• If you do not specify the preset station or track number correctly while setting a timer, the currently selected station or the first track will be played when timer is activated.
• When you unplug the AC power cord or if a power failure occurs, the timer will be canceled. You need to set the clock first, then the timer again.
• If you set DVD Video as the source, Daily Timer will not work correctly.

**Timer Priority:**
• If you set the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

## Setup Menu Operations (see pages 29 to 30)
**General:**
• If the upper and lower parts of the menu are cut off, adjust the picture size control of the TV.

**LANGUAGE menu:**
• When the language you have selected for MENU LANGUAGE, AUDIO LANGUAGE, or SUBTITLE is not recorded on a disc, the original language is used as the initial language.

**PICTURE menu—MONITOR TYPE:**
• Even if "4:3 PS" is selected, the screen size may become 4:3 letter box while playing a disc. This depends on how the discs are recorded.
• When you select "16:9" for a picture whose aspect ratio is 4:3, the picture slightly changes due to the process for converting the picture width.

**OTHERS menu—ON SCREEN GUIDE:**
• The setup menu and on-screen bar will be displayed (and recorded) even though this function is set to "OFF." Subtitles and the information for zoom-in always appear on the display regardless of this setting.

## Maintenance ●●●●● ●●●●●●●

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

### 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 case.
• 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.

### 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, become
  damaged or get its paint peeled off, be careful about the
  following:
  – DO NOT wipe it with a hard cloth.
  – DO NOT wipe it strong.
  – 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.

**To remove the speaker grilles**



Speaker
grille

Holes

Projection

33
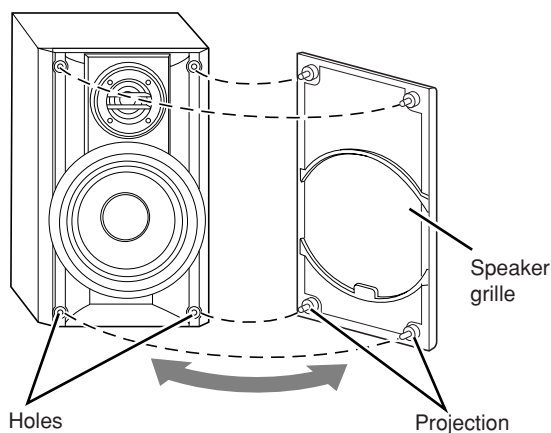
## Troubleshooting ● ● ● ● ● ● ● ● ●

### General:

**Adjustments or settings are suddenly canceled before you finish.**
⇨ There is a time limit. Repeat 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.

**Unable to operate the System from the remote control.**
⇨ The path between the remote control and the remote sensor on the System is blocked.
⇨ The batteries are exhausted.

**No sound is heard.**
⇨ Speaker connections are incorrect or loose.
⇨ Headphones are connected.

**No picture appears on the screen.**
⇨ The video cord connections are incorrect or loose.

**No picture is displayed on the TV screen, the picture is blurred, or the picture is divided into two parts.**
⇨ The System is connected to a TV which does not support progressive video input.

**The left and right edges of the picture are missing on the screen.**
⇨ Select "4:3 LB" for "MONITOR TYPE" (see page 29).

### Radio Operations:

**Hard to listen to broadcasts because of noise.**
⇨ Antennas connections are incorrect or loose.
⇨ The AM loop antenna is too close to the System.
⇨ The FM antenna is not properly extended and positioned.

### Disc Operations:

**The disc does not play.**
⇨ You have inserted a disc whose Region Code is not "1". ("REGION ERR" appears on the display.)
⇨ The disc is placed upside down. Place the disc with the label side up.

**ID3 Tag on an MP3 disc 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.**
⇨ The playing order is determined when the disc was recorded. It depends on the writing application.

**MP3 or JPEG files are not played back.**
⇨ The inserted disc may include both type of tracks (MP3 files and JPEG files). In this case, you can only play back the files selected by the "FILE TYPE" setting (see page 29).
⇨ You have changed the "FILE TYPE" setting after you inserted a disc. In this case, reload the disc.

**"NO AUDIO" appears.**
⇨ This System cannot play back illegally produced DVD Audio discs.

**"LR ONLY" appears.**
⇨ Some DVD Audio discs prohibit downmixed output. When you play back such a disc, this System plays back the left front and right front signals only.

**The disc sound is discontinuous.**
⇨ The disc is scratched or dirty.

**No subtitle appears on the display though you have selected the initial subtitle language.**
⇨ Some DVDs are programmed to always display no subtitle initially. If this happens, press SUBTITLE after starting play (see page 16).

**Audio language is different from the one you have selected as the initial audio language.**
⇨ Some DVDs are programmed to always use the original language initially. If this happens, press AUDIO after starting play (see page 15).

**The disc tray does not open or close.**
⇨ The AC power cord is not plugged in.
⇨ Child Lock is in use. "LOCKED" appears in the display window (see page 20).

### Timer Operations:

**Daily Timer does not work.**
⇨ The System has been turned on when the on-time comes. Timer starts working only when the System is turned off.

**Daily Timer does not start playback.**
⇨ The disc loaded is a DVD video. Change the disc.
⇨ Title/group number and chapter/track number are not entered while setting the Daily Timer. Do not skip these steps when you want to play a disc using Daily Timer.

**34**

## OPTICAL DIGITAL OUTPUT Signals ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

| DIGITAL AUDIO OUTPUT | Output Signals | | |
|---|---|---|---|
| Playback disc | STREAM/PCM | DOLBY DIGITAL/PCM | PCM ONLY |
| **DVD Video** | | | |
| with 48 kHz, 16/20/24 bit Linear PCM | 48 kHz, 16 bit Linear PCM*[1] | | |
| with 96 kHz, Linear PCM | 48 kHz, 16 bit Linear PCM | | |
| with Dolby Digital | Dolby Digital bitstream | | 48 kHz, 16 bit Linear PCM |
| with DTS | DTS bitstream | 48 kHz, 16 bit Linear PCM | |
| **DVD Audio***[2] | | | |
| with 48/96/192 kHz, 16/20/24 bit Linear PCM | 48 kHz, 16 bit Linear PCM | | |
| with 44.1/88.2/176.4 kHz, 16/20/24 bit Linear PCM | 44.1 kHz, 16 bit Linear PCM | | |
| with Dolby Digital | Dolby Digital bitstream | | 48 kHz, 16 bit Linear PCM |
| with DTS | DTS bitstream | 48 kHz, 16 bit Linear PCM | |
| **DVD-RW/RAM/ROM in DVD-VR format** | | | |
| with 48 kHz, 16/20/24 bit Linear PCM | 48 kHz, 16 bit Linear PCM*[1] | | |
| with Dolby Digital | Dolby Digital bitstream | | 48 kHz, 16 bit Linear PCM |
| **SVCD, VCD, CD** | 44.1 kHz, 16 bit Linear PCM/48 kHz, 16 bit Linear PCM | | |
| **CD with DTS** | DTS bitstream | 44.1 kHz, 16 bit Linear PCM | |
| **MP3 disc** | 32/44.1/48 kHz, 16 bit Linear PCM | | |

*[1] While playing some DVDs, digital signals may be emitted at 20 bits or 24 bits (at their original bit rate) through the DVD OPTICAL DIGITAL OUT terminal if the discs are not copy-protected.

*[2] While playing some DVD Audio discs, digital signals may not be emitted through the DVD OPTICAL DIGITAL OUT terminal if the discs are processed with CPPM (Content Protection for Prerecorded Media).

## Operating JVC's TVs Using the Remote Control ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
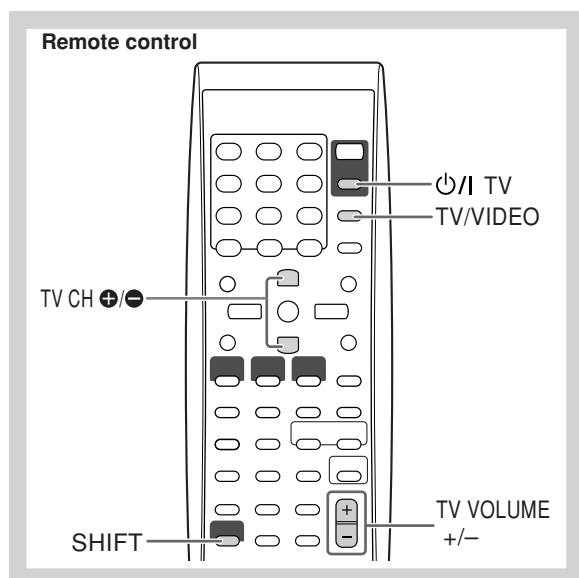
**Remote control**



You can use the remote control to operate JVC's TVs.

| ⏻/❘ TV | Turn on/off TV. |
|---|---|

**While holding SHIFT, press...**

| TV CH ⊕/⊖ | Change the channels. |
|---|---|
| TV VOLUME +/− | Adjust the volume. |
| TV/VIDEO | Change the input mode. |

**35**

## Specifications ● ● ● ● ● ● ● ● ● ●

### Amplifier section—CA-FSGD6S

**Output Power:**

65 W per channel, min. RMS, driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.

Audio Input AUX: 400 mV/50 kΩ (at "AUX LVL1")
200 mV/50 kΩ (at "AUX LVL2")

Digital output: DVD OPTICAL DIGITAL OUT:
–21 dBm to –15 dBm (660 nm ±30 nm)

Video output:

| | | |
|---|---|---|
| Color system: | | NTSC (interlaced/progressive) |
| VIDEO (composite): | | 1 V(p-p)/75 Ω |
| S-VIDEO: | Y (luminance) | 1 V(p-p)/75 Ω |
| | C (chrominance, burst) | 0.286 V(p-p)/75 Ω |
| COMPONENT: | (Y) | 1 V(p-p)/75 Ω |
| | ($P_B/P_R$) | 0.7 V(p-p)/75 Ω |
| Speaker impedance: | | 6 Ω – 16 Ω |

### Tuner section

FM tuning range: 87.50 MHz – 108.00 MHz
AM (MW) tuning range: 530 kHz – 1 710 kHz

### Disc player section

Playable disc:

DVD Video/DVD Audio
CD/VCD/SVCD
CD-R/CD-RW (CD/SVCD/VCD/MP3/
JPEG format)
DVD-R (DVD Video format)
DVD-RW/DVD-ROM/DVD-RAM (DVD-
VR format)

Dynamic range: 80 dB
Horizontal resolution: 500 lines
Wow and flutter: Immeasurable

### General

Power requirement: AC 120 V ∼, 60 Hz
Power consumption: 90 W (at operation)
1.2 W (on standby)
Dimensions (approx.): 170 mm x 240 mm x 361 mm
(W/H/D)
Mass (approx.): 5.2 kg

### Speakers—SP-UXGD6S

Speaker units: Tweeter: 4 cm cone x 1
Woofer: 13.5 cm cone x 1
Impedance: 6 Ω
Dimensions (approx.): 165 mm x 283.5 mm x 249 mm
(W/H/D)
Mass (approx.): 2.8 kg each

### Supplied Accessories

See page 3.

- Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", "MLP lossless", and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS 2.0+ Digital Out" are trademarks of Digital Theater Systems, Inc.
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

# Parts Index

## Remote control

| Button | | Page |
|---|---|---|
| ⏻/｜ AUDIO | 24 | 7 |
| ⏻/｜ TV | 25 | 35 |
| ■ | 14 | 9, 10, 17, 19, 26 |
| ▶▶ / ◀◀ | 16 | 8, 9 |
| ▶▶｜ / ｜◀◀ | 36 | 8, 9, 10, 19, 26 |
| ❚❚ | 15 | 9, 17, 19, 25 |
| ∧ / ∨ / > / < / ENTER | 10 | 10, 17, 22, 27, 29 |
| ◑ (Clear Voice) | 7 | 17 |
| ↺ (One-Touch Replay) | 33 | 17 |
| 10 keys | 1 | 8, 10, 17, 18, 23, 24 |
| 3D PHONIC | 6 | 12 |
| AHB PRO | 37 | 11 |
| ANGLE | 19 | 16 |
| AUDIO | 18 | 15 |
| AUX | 32 | 7 |
| A.STANDBY | 23 | 14 |
| BASS/TREBLE | 39 | 12 |
| CANCEL | 28 | 19, 27 |
| CLOCK/TIMER | 22 | 14, 27 |
| DIMMER | 3 | 13 |
| DISPLAY | 27 | 14 |
| DVD LEVEL | 26 | 12 |
| DVD/CD ▶ | 13 | 7, 9, 25 |
| FADE MUTING | 41 | 11 |
| FM/PLAY MODE | 35 | 8, 18, 19 |
| FM/AM | 12 | 8 |
| GROUP/TITLE SKIP | 36 | 9 |
| MENU/PL | 30 | 10, 25 |
| ON SCREEN | 31 | 22 |
| PAGE | 8 | 16 |
| REPEAT | 34 | 20 |
| REPEAT A-B | 34 | 20 |
| RETURN | 29 | 10 |
| SCAN MODE | 4 | 12 |
| SET | 28 | 8, 14 |
| SET UP | 11 | 29 |
| SHIFT | 21 | 9, 10, 12, 13, 14, 16 |
| SLEEP | 2 | 14 |
| SLOW ⊕ / ⊖ | 16 | 17 |
| SOUND TURBO II | 38 | 11 |
| SUBTITLE | 17 | 16 |
| TOP MENU/PG | 9 | 10, 25 |
| TV CH ⊕ / ⊖ | 10 | 35 |
| TV VOLUME + / – | 40 | 35 |
| TV/VIDEO | 27 | 35 |
| VFP | 5 | 13 |
| VOLUME + / – | 40 | 7, 12 |
| ZOOM | 20 | 17, 26 |

## Main unit

| Button | | Page |
|---|---|---|
| ⏻/｜ & STANDBY/ON lamp | 7 | 7 |
| ■ | 16 | 9, 20 |
| ❚❚ | 3 | 9, 17, 19, 25 |
| ⏏ | 14 | 9, 20 |
| AM | 6 | 8 |
| AUX | 13 | 7 |
| AUX jack | 17 | 5 |
| Display | 1 | 6 |
| DVD/CD ▷ | 5 | 7, 9, 25 |
| FM | 4 | 8 |
| PHONES | 9 | 7 |
| Remote sensor | 2 | 5 |
| SOUND TURBO II | 11 | 11 |
| UP ▶▶｜ /DOWN ｜◀◀ | 8 15 | 8, 9, 19 |
| VOLUME + / – | 12 | 11 |

### Remote control
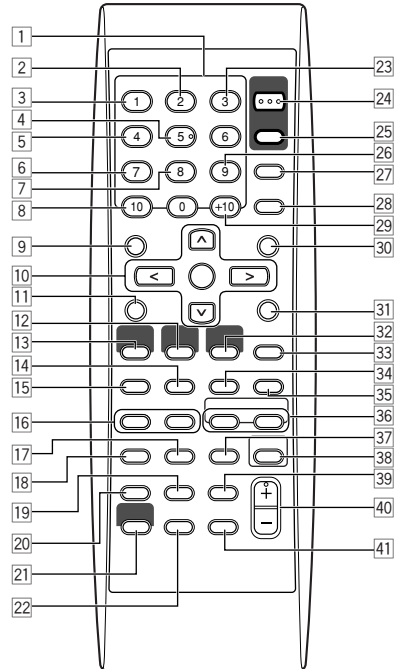


This remote control can also operate JVC's TVs (see page 35).

### Main unit

# JVC

EN, FR

0305AIMMDWJEM