

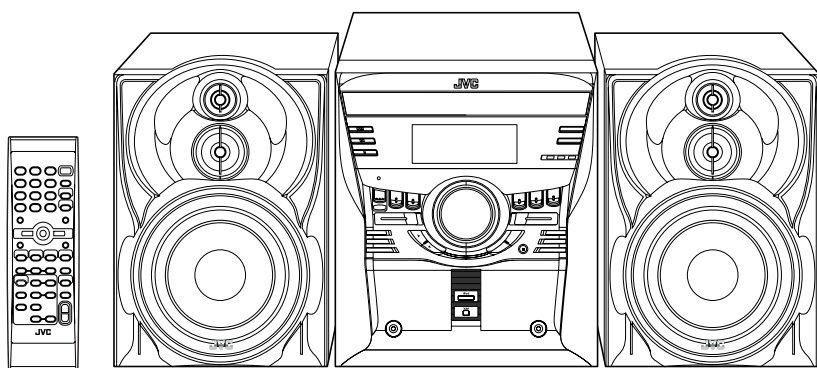
JVC



COMPACT COMPONENT SYSTEM

MX-KC58

—Consists of CA-MXKC58 and SP-MXKC58



COMPACT
disc
DIGITAL AUDIO

MP3/WMA
PLAY BACK



Made for
iPod



INSTRUCTIONS

For Customer Use:

Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

LVT1688-001A

[J]

Warnings, Cautions and Others Mises en garde, précautions et indications diverses

(For U.S.A.)

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <div style="display: inline-block; background-color: black; color: white; padding: 2px 5px; font-weight: bold;">CAUTION</div> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: small;"> RISK OF ELECTRIC SHOCK DO NOT OPEN </div> <p>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.</p> <div style="margin-top: 20px;"> <p>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.</p> </div> <div style="margin-top: 10px;"> <p>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.</p> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <div style="display: inline-block; background-color: black; color: white; padding: 2px 5px; font-weight: bold;">ATTENTION</div> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: small;"> RISQUE D'ÉLECTROCUTION NE PAS OUVRIR </div> <p>ATTENTION: POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, NE PAS OUVRIR LE BOÎTIER. AUCUNE PIÈCE INTÉRIEURE N'EST À RÉGLER PAR L'UTILISATEUR. SE RÉFÉRER À UN AGENT QUALIFIÉ EN CAS DE PROBLÈME.</p> <div style="margin-top: 20px;"> <p>Le symbole de l'éclair à l'intérieur d'un triangle équilatéral est destiné à alerter l'utilisateur sur la présence d'une "tension dangereuse" non isolée dans le boîtier du produit. Cette tension est suffisante pour provoquer l'électrocution de personnes.</p> </div> <div style="margin-top: 10px;"> <p>Le point d'exclamation à l'intérieur d'un triangle équilatéral est destiné à alerter l'utilisateur sur la présence d'opérations d'entretien importantes au sujet desquelles des renseignements se trouvent dans le manuel d'instructions.</p> </div>
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(For U.S.A.)

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

(For U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

(For U.S.A.)

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

For Canada/pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

CET APPAREIL NUMÉRIQUE RESPECTE LES LIMITES DE BRUITS RADIOÉLECTRIQUES APPLICABLES AUX APPAREILS NUMÉRIQUES DE CLASSE B PRÉSCRITES DANS LA NORME SUR LE MATÉRIEL BROUILLEUR; "APPAREILS NUMÉRIQUES", NMB-003 ÉDICTÉE PAR LE MINISTRE DES COMMUNICATIONS.

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). When installing the product, ensure that the plug is easily accessible. The  I STANDBY/ON button in any position does not disconnect the mains line.

- When the unit is on standby, the STANDBY lamp lights red.
- When the unit is turned on, the STANDBY lamp goes off.

The power can be remote controlled.

ATTENTION — Touche I STANDBY/ON

Déconnectez la fiche de secteur pour mettre l'appareil complètement hors tension (tous les témoins et toutes les indications s'éteignent). Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. La touche  I STANDBY/ON dans n'importe quelle position ne déconnecte pas l'appareil du secteur.

- Quand l'appareil est en mode d'attente, le témoin STANDBY est allumé en rouge.
- Quand l'appareil est sous tension, le témoin STANDBY s'éteint.

L'alimentation peut être télécommandée.

IMPORTANT FOR LASER PRODUCTS / IMPORTANT POUR PRODUITS LASER

1. CLASS 1 LASER PRODUCT
 2. **CAUTION:** Do not open the top cover or the cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
 3. **CAUTION:** (For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam. (For Canada) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.
1. PRODUIT LASER CLASSE 1
 2. **ATTENTION:** N'ouvrez pas le couvercle supérieur ni le boîtier. 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:** (Pour les Etats-Unis) Radiation laser de classe II visibles et/ou invisible si l'appareil est ouvert. Ne regardez pas le rayon. (Pour le Canada) Rayonnement laser visible et/ ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.
 4. REPRODUCTION DE L'ÉTIQUETTE: ÉTIQUETTE DE PRÉCAUTION PLACÉE À L'INTERIEUR DE L'APPAREIL.

CAUTION VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DES INSTRUMENTS OPTIQUES. (FRA)	AVISO RADIACIÓN LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTA ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	VARNING SYNLIK OCH/ELLER OSYNLIK LASERSTRÅLNING, CLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	注意 ここを開くと可視 及び/または不可視 のクラス1M レーザー放射が 出ます。 光学装置で直接 見ないでください。 (JPN)	CAUTION VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44803-003A
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[European Union only]
 [Union européenne seulement]

CAUTION

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

CAUTION:

Excessive sound pressure from earphones or headphones can cause hearing loss.

ATTENTION:

Une pression acoustique excessive des écouteurs ou du casque d'écoute peut entraîner une perte auditive.

ATTENTION

1. Ne bloquez pas les orifices ou les trous de ventilation. (Si les orifices ou les trous de ventilation sont bloqués par un journal un tissu, etc., la chaleur peut ne pas être évacuée correctement de l'appareil.)
2. Ne placez aucune source de flamme nue, telle qu'une bougie, sur l'appareil.
3. Lors de la mise au rebut des piles, veuillez prendre en considération les problèmes de l'environnement et suivre strictement les règles et, les lois locales sur la mise au rebut des piles.
4. N'exposez pas cet appareil à la pluie, à l'humidité, à un égouttement ou à des éclaboussures et ne placez pas des objets remplis de liquide, tels qu'un vase, sur l'appareil.

Caution: Proper Ventilation

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

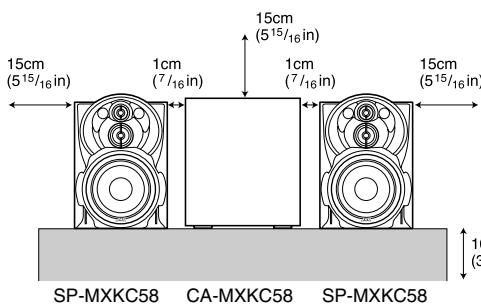
1. Front: No obstructions and open spacing.
2. Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm ($3\frac{15}{16}$ " or more).

Attention: Aération correcte

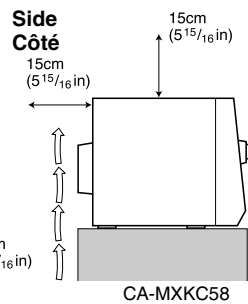
Pour prévenir tout risque de décharge électrique ou d'incendie et éviter toute détérioration, installez l'appareil de la manière suivante:

1. Avant: Bien dégagé de tout objet.
2. Côtés/dessus/dessous: Assurez-vous que rien ne bloque les espaces indiqués sur le schéma ci-dessous.
3. Dessous: Posez l'appareil sur une surface plane et horizontale. Veillez à ce que sa ventilation correcte puisse se faire en le plaçant sur un support d'au moins dix centimètres de hauteur.

Front Face



Side Côté



* About the cooling fan

Cooling fan is built into the main unit. The internal cooling fan automatically rotates for emitting generated heat. To ensure sufficient cooling, leave a space of more than 1 cm between the main unit and the speakers or other objects.

* À propos du ventilateur de refroidissement

Un ventilateur de refroidissement est incorporé dans l'unité principale. Ce ventilateur de refroidissement interne tourne automatiquement pour libérer la chaleur générée. Afin de garantir un refroidissement suffisant, laissez un espace de plus d'1 cm entre l'unité principale et les enceintes ou d'autres objets.

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Introduction

Thank you for purchasing a JVC product.

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

Precautions

Installation

- Install in a place which is level, dry and neither too hot nor too cold—between 5°C and 35°C (41°F and 95°F).
- Install the System in a location with adequate ventilation to prevent internal heat buildup inside the System.



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

- 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.



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

- A cooling fan is mounted on the rear panel to prevent heat buildup inside the main unit (see page G-4).

For safety, observe the following carefully:

- Make sure there is good ventilation around the main unit. Poor ventilation could overheat and damage the System.
- DO NOT block the cooling fan and 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.



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



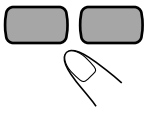
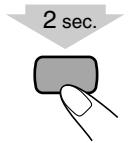
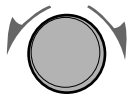


- If you are not going to operate the System for an extended period of time, unplug the AC power cord from the wall outlet.

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

How to Read This Manual

To make this manual as simple and easy-to-understand as possible, we have adapted the following methods:

- Button and control operations are explained as listed in the table below. In this manual, the operations 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.
- **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.** If you want to know more about the functions, or if you have a doubt about the functions, go to these sections and you will find the answers.

	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.
	Indicates that you press and hold the button for specified seconds. <ul style="list-style-type: none"> • The number inside the arrow indicates the period of press (in this example, 2 seconds). • If no number is inside the arrow, press and hold until the entire procedure is complete or until you get a result you want.
	Indicates that you turn the control toward the specified direction(s).
	Indicates that this operation is only possible using the remote control.
	Indicates that this operation is only possible using the buttons and controls on the main unit.

Getting Started

Step 1: Unpack

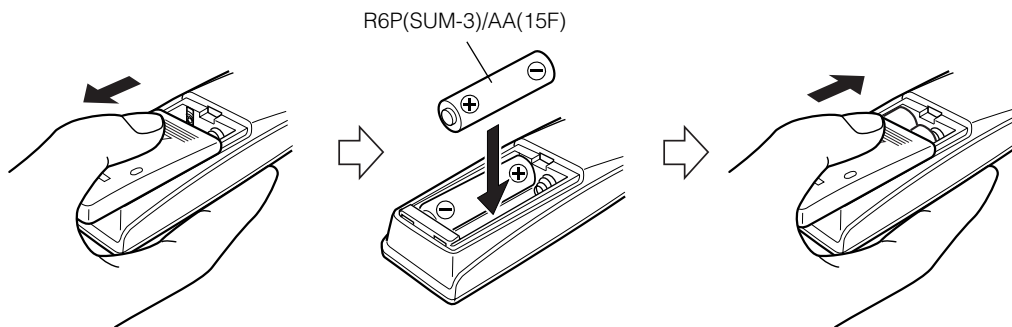
After unpacking, check to be sure that you have all the following items. The number in parentheses indicates the quantity of each piece supplied.

- AM Loop Antenna (1)
- FM Wire Antenna (1)
- Remote Control (1)
- Batteries (2)
- Connection Cable for iPod (1)
- Stand for iPod (1)

If any of these items are missing, contact your dealer immediately.

Step 2: Prepare the Remote Control

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



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

Caution

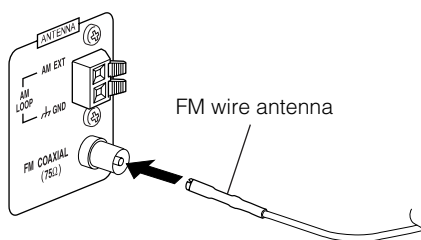
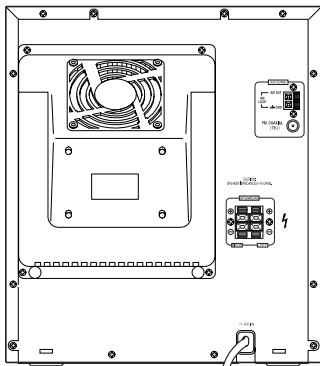
Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Step 3: Hook Up

Make all connections before plugging the System into an AC power outlet.

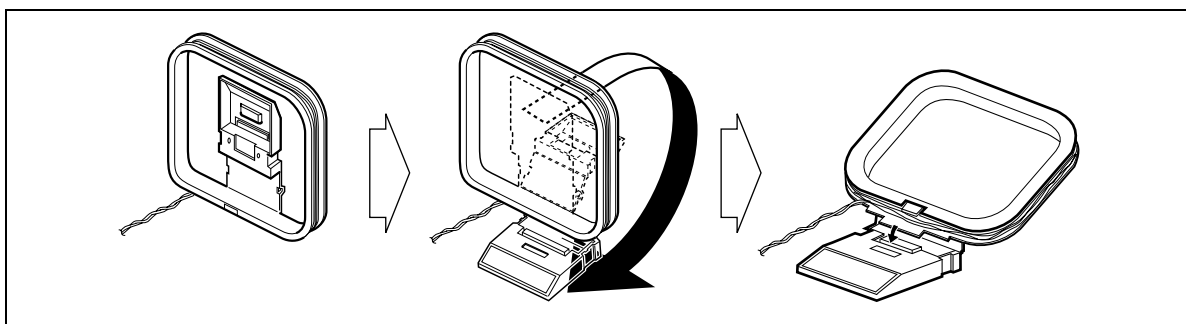
Connecting the FM Antenna

Using the Supplied Wire Antenna



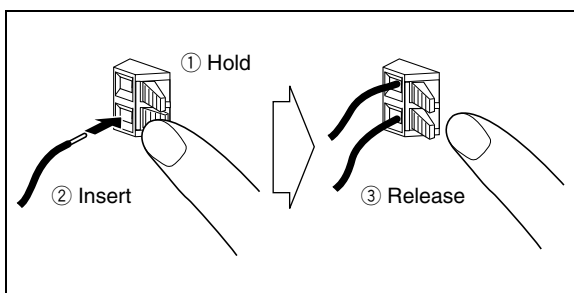
To assemble and connect the AM loop antenna

To assemble the AM loop antenna



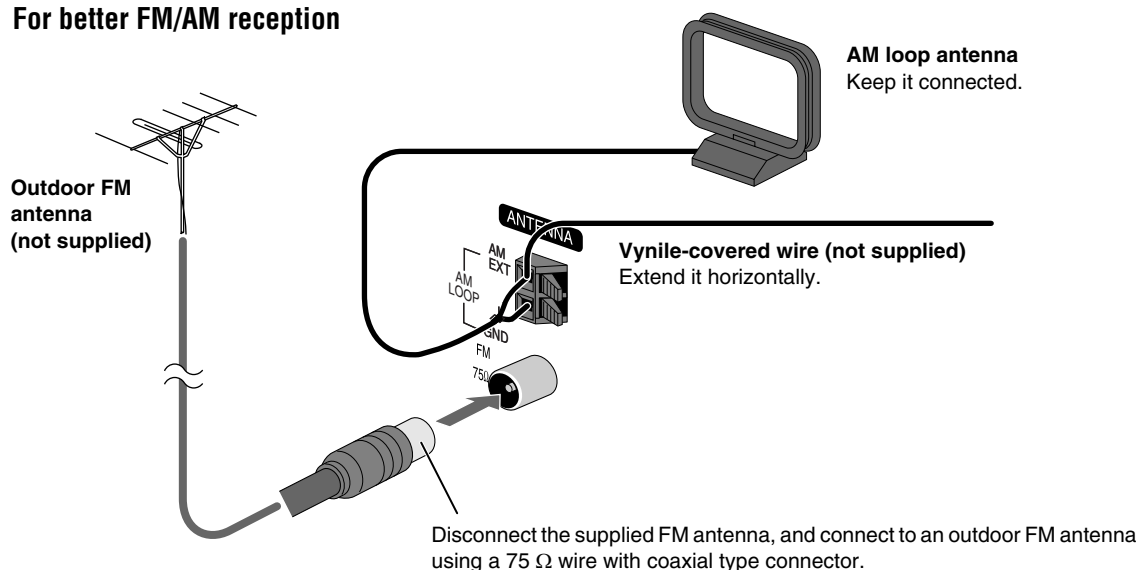
To connect the AM loop antenna

Make sure to connect the wire correctly.



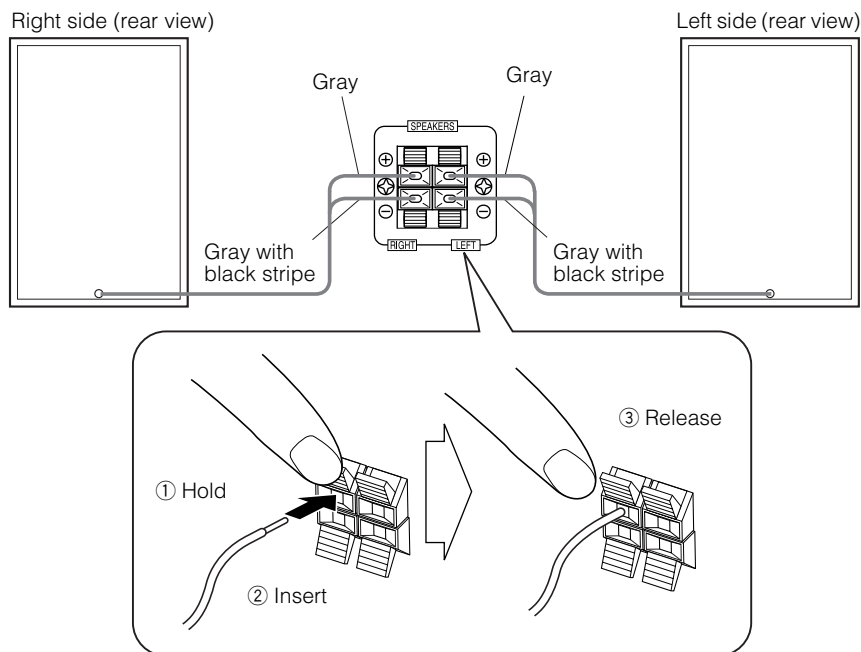
- If the AM loop antenna wire or speaker cords are covered with vinyl, remove the vinyl to expose the tip of the antenna by twisting the vinyl.
- Make sure the antenna conductors do not touch any other terminals, connecting cords and power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.

For better FM/AM reception



To Connect the Speaker Cords

Make sure the both speakers are connected correctly and firmly.



When connecting the speaker cords, match the polarity of the speaker terminals: The cord with black stripe to (-), the cord without stripe to (+).



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

Connecting to the Wall Outlet

Plug the AC power cord only after all connections are complete.
Now, your System is at your command!

DEMO Mode

When the System is connected to the wall outlet, a DEMO mode displaying some of the system's features automatically starts.

To cancel DEMO display

While displaying the DEMO mode...



- To display the DEMO mode again, press and hold CANCEL/DEMO for 2 seconds.

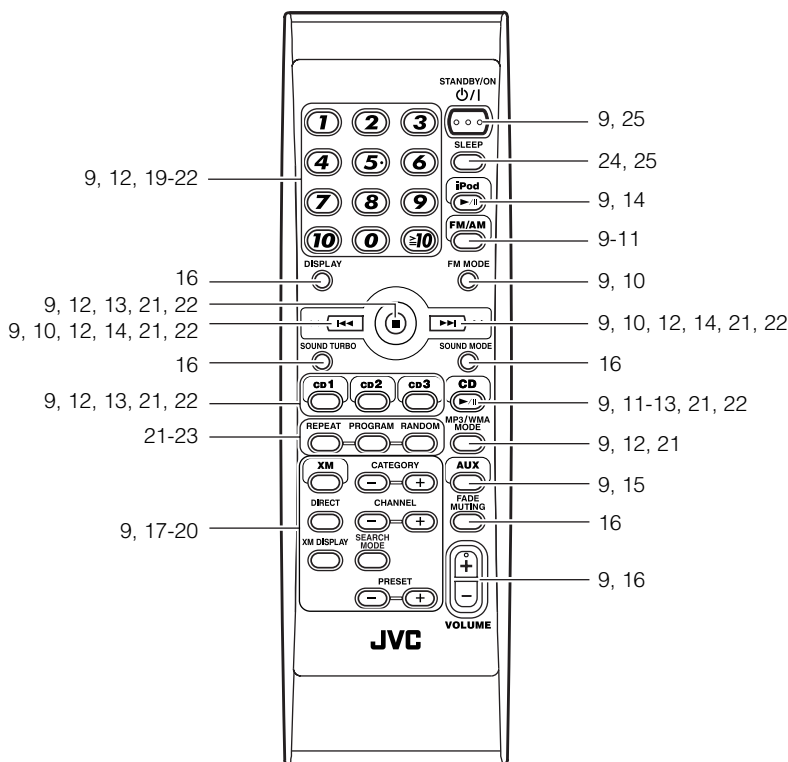
While the System is turned on, the DEMO display will automatically starts if no operation is made for 2 minutes.

Before Operating the System

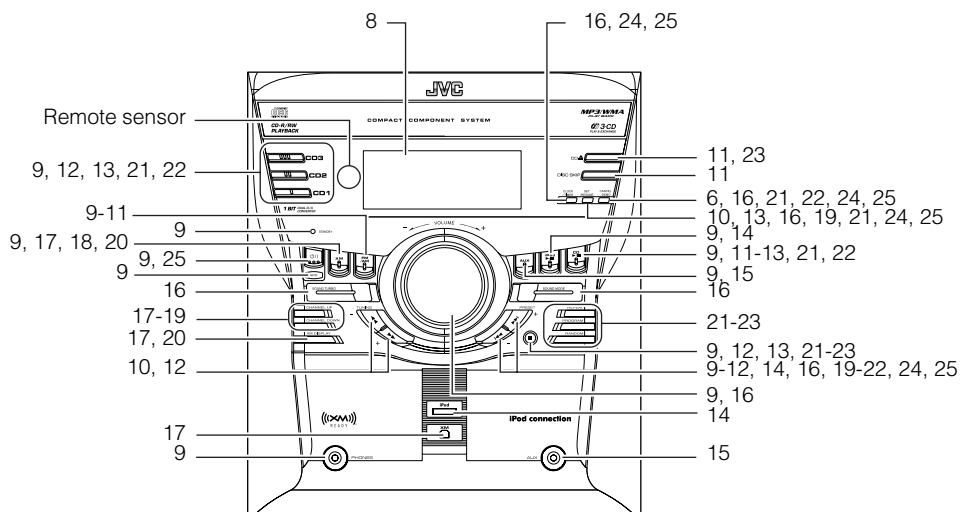
Parts Index

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

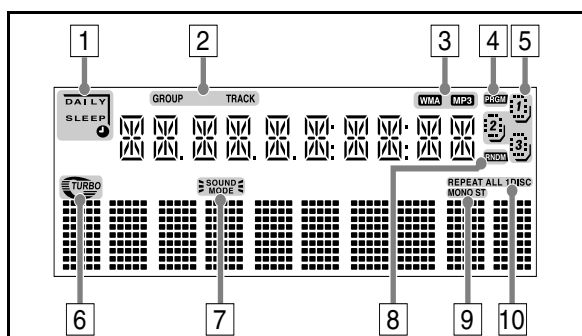
Remote control



Main unit



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.



Indications on the main display

• While listening to radio:

FM 103.5

Band Frequency

• While listening to iPod

iPod

Source name

• While playing a CD:

01 00:28

Track number Elapsed playing time

• While selecting AUX:

AUX IN

• While playing an MP3*/WMA:

MP3/WMA indicator lights accordingly

001 02:46

Current track number Elapsed playing time

• While listening to XM Satellite Radio:

CH045 P02

Channel number Preset number

• While disc play is stopped:

CD:

16 59:44

Total track number Total playing time

When RESUME is ON, RESUME is shown on the display.

MP3/WMA:

• In "TRACK" mode:

198 STOP

Total track number

• In "GROUP" mode:

003 - 198

Total group number Total track number

* When you start playing an MP3 disc, the group number, track number, track name, (and ID3 Tag) will be shown before the elapsed playing time appears.

1 Timer indicators

- DAILY: Lights when Daily Timer stands by; flashes while working.
- SLEEP: Lights when Sleep Timer is activated.

2 TRACK/GROUP mode indicators

- TRACK: Lights when disc (CD, MP3 disc, WMA disc) is detected.
- GROUP: Lights when programming group in MP3/WMA mode.

3 MP3/WMA indicators

- MP3: Lights when MP3 file is detected.
- WMA: Lights when WMA file is detected.

4 Play mode indicator

- PRGM (program): Lights when Program Play mode is activated.

5 Disc tray indicators

- 1-3: Disc tray number.
- (): Tray indicator
 - Lights when the disc is detected.
 - Blinking while playing back a disc.
 - Goes off when there is no disc in the tray.

6 SOUND TURBO indicator

- Lights when the SOUND TURBO is activated (see page 16).

7 SOUND MODE indicator

- Lights when the SOUND MODE is activated (see page 16).

8 Play mode indicator

- RNDM (random): Lights when Random Play mode is activated.

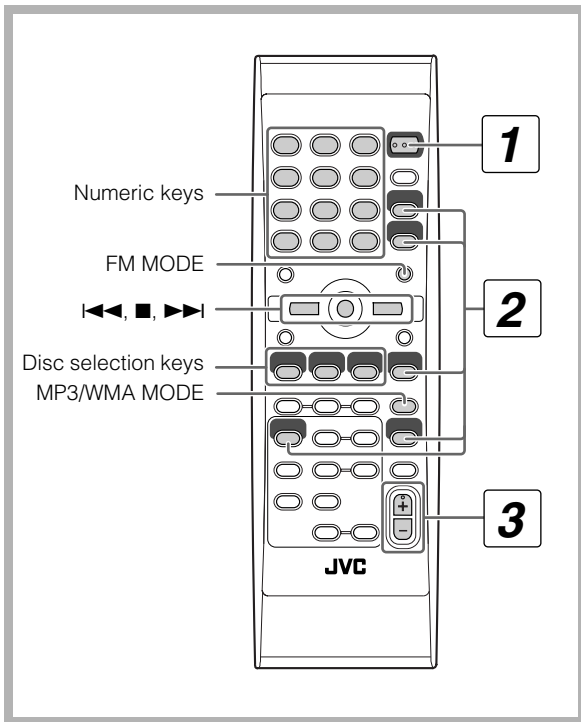
9 FM reception indicators

- MONO: Lights while the FM monaural mode is activated.
- ST (stereo): Lights while an FM stereo station with sufficient signal strength tuned in.

10 Play mode/Search mode indicators


- REPEAT: Lights when Repeat mode is activated (see page 23).
 - 1: Repeats the one track.
 - 1DISC: Repeats the one disc.
 - ALL: Repeats all the discs.
- ALL: Lights when ALL SRCH (All Search) is selected for XM Satellite Radio.

Daily Operations—Playback



1 Turn on the power.

The STANDBY lamp on the main unit turns off.

- Without pressing STANDBY/ON , the System turns on by pressing one of the source selecting buttons in the next step.

2 Select the source.

Playback automatically starts if the selected source is ready to start.

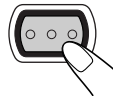
- If you press AUX, start playback source on the external component.

3 Adjust the volume.

4 Operate the target source as explained later.

To turn off (standby) the System

STANDBY/ON



The STANDBY lamp on the main unit lights up.

- A small amount of power is always consumed even while on standby.

How to Select Numbers

			Examples: To select number 5, press 5. To select number 15, press $\geq 10 \rightarrow 1 \rightarrow 5$. To select number 30, press $\geq 10 \rightarrow 3 \rightarrow 0$. To select number 125, press ≥ 10 twice $\rightarrow 1 \rightarrow 2 \rightarrow 5$.

To turn off the clock indication to save the power—ECO mode

While the System is turned off...



- Press the button again, to display the clock indication.

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 disconnecting 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.

Listening to the Radio

To select the band (FM or AM)



To tune in to a station

While FM or AM is selected...

Remote control:	Main unit:

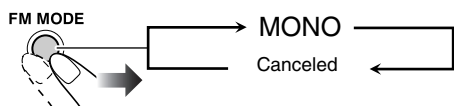
Frequency starts changing on the display.

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



MONO: Reception will improve though stereo effect is lost. MONO indicator lights up.

To preset the stations

You can preset 30 FM and 15 AM stations.

- 1 Tune in to a station you want to preset.
- 2 Activate the preset number entry mode.



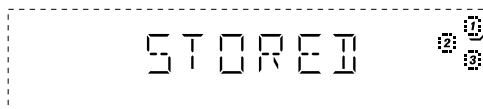
- Finish the following process while the indication on the display is flashing.

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

See "How to Select Numbers" on page 9.

- You can also use ◀◀/▶▶ on the main unit.

- 4 Store the station.

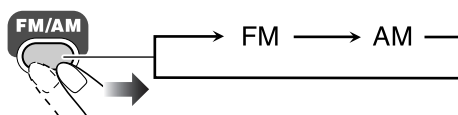


memo

- If you preset a station set to MONO, the station is stored with the MONO setting.

To tune in to a preset station

- 1 Select a band (FM or AM).



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




See “How to Select Numbers” on page 9.

- You can also use ◀◀/▶▶ on the main unit.

Playing Back a Disc

Playable media and files

This System can play back following types of media and files.

Media	Audio CD, CD-R/RW		
File format	MP3, WMA		
Audio CD	CD-R	CD-RW	
			

• Caution for DualDisc playback

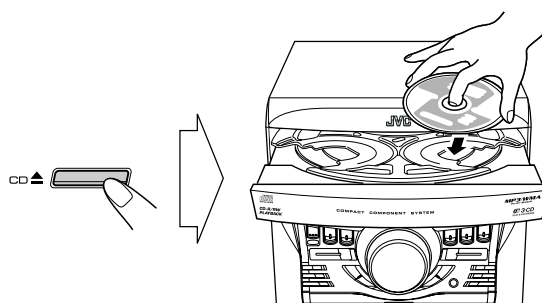
The Non-DVD side of a “DualDisc” does not comply with the “Compact Disc Digital Audio” standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

To insert a disc



You can insert discs while playing another source.





To place the next CD, press DISC SKIP on the main unit. When you press the button, the tray turns for the next CD.

To close the disc tray, press CD ▲ again.

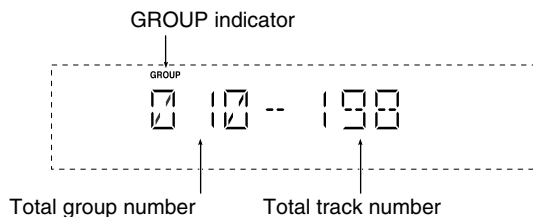
- When the disc tray is open, pressing CD ▶/|| closes the tray and the playback starts.
- You can load CDs while listening to the other source or while listening to the CD being played back.
- When power is turned off with the tray opened, the tray is automatically closed.
- If the CD cannot be read correctly (because it is scratched, for example), “NO DISC” appears on the display.

Changing the MP3/WMA Playback Mode

According to the MP3/WMA playback mode,   or numeric keys work for the group selection or the track selection.

Examples:

When the MP3 play back mode is “GROUP.”







You can change the MP3/WMA playback mode by pressing MP3/WMA MODE.

- Each time you press the button, the MP3/WMA playback mode changes as follows:

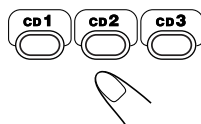
TRACK ↔ GROUP





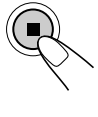
TRACK:  , and numeric keys work for the track selection of the MP3/WMA discs.

GROUP:  , and numeric keys work for the group selection of the MP3/WMA discs. Numeric keys works for selecting the track number within the group.

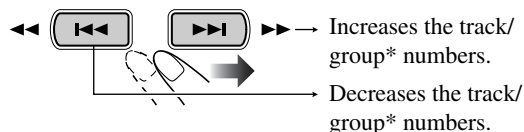
To select a disc to be played back



- The same operation can be carried out using CD1 to CD3 on the system.

To start:	To pause:	To stop:
	 To release, press again.	

To select a track/group*



- You can also use   on the main unit.

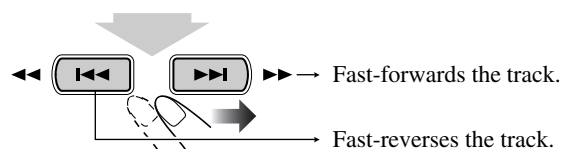
* For details about the group selection, see “Changing the MP3/WMA Playback Mode” on this page.

To locate a track directly and start to play

Using the numeric keys, you can directly select the track on the currently selected CD. See “How to Select Numbers” on page 9.

To Locate a Particular Portion

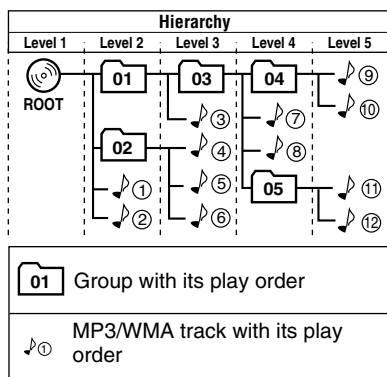
While playing a disc, press and hold until the portion you want is reached.



- You can also use   on the main unit.

MP3/WMA groups/tracks configuration

This System plays back MP3/WMA tracks as follows.



Resume Play for Audio CD/MP3/WMA

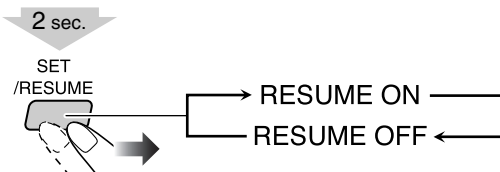
If you press ■ during playback, the position of the track where you stopped playback will be memorized by the unit.

By pressing CD ►/II, you can start playback again from the point where you stopped it.



To activate/cancel resume play

When the source is a CD...



memo

- Changing the disc by pressing the disc selection keys will erase the track number for resume play.
- To play back from the first track while resume play is activated, press ■ twice during playback then press CD ►/II.

Playing back from iPod

This system is equipped with an iPod terminal on the front panel. You can connect your iPod to this terminal and enjoy the sound from your iPod.

- Remember you cannot send any data to your iPod from this system.



memo

- The iPod battery is charged while the System is turned on and STANDBY (except in ECO mode). See the iPod instruction manual about battery charging.
- Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.
- JVC is not responsible for any loss of or damage to iPod that might result from the use of this product.
- When you connect your iPod to the cable, make sure it connects all the way in.
- Remove the iPod from the cable when you do not use.
- Do not carry the System with iPod connected. You might drop it down or it might cause damages to the connector part.
- Do not touch or hit the iPod terminal pins or the connector pins directly. It might cause damages to the connector part.
- Compatible iPod types:

iPod nano 1GB/2GB/4GB
iPod nano (2nd Generation) 2GB/4GB/8GB
iPod mini 4GB/6GB
iPod (4th Generation) 20GB/40GB
iPod photo (4th Generation) 20GB/30GB/40GB/60GB
iPod video (5th Generation) 30GB/60GB/80GB

If the iPod does not play correctly, please update your iPod software to the latest version.

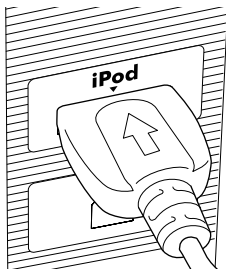
- For details about updating your iPod, check on the Apple web site <<http://www.apple.com>>.

iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

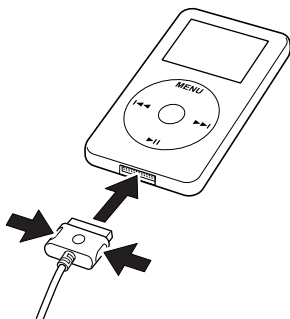
To Connect iPod

Connect the iPod to the System using the supplied cable. Make sure the System is turned off when you connect it.

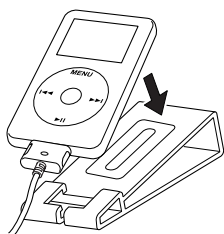
- 1 Connect the arrow of iPod terminal and the arrow of the connector facing each other.



- 2 With the iPod and the circle on the connector facing up, squeeze the buttons on the sides, and insert it into the iPod.

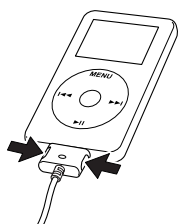


You can place the iPod on the supplied stand for iPod.

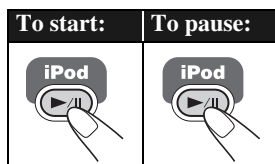


When disconnecting the iPod, make sure that the System is turned off.

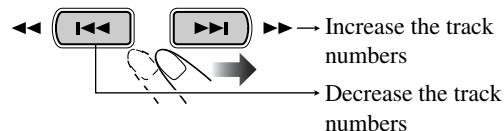
To remove the connector from your iPod, squeeze the buttons on the sides and pull.



To playback sounds on the iPod

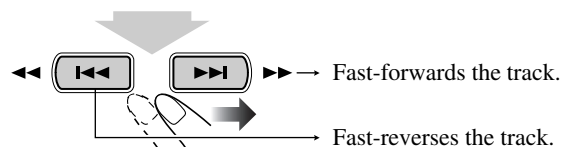


To select a track



To Locate a Particular Portion

While playing iPod, press and hold until the portion you want is reached.



To set iPod sleep

Press and hold the button for a few seconds until iPod goes to sleep.



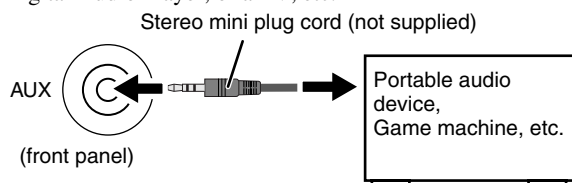
memo

- Always set volume to “VOL MIN” when connecting or disconnecting iPod.

Playing Back from other equipment

To connect other equipment

By using an stereo mini plug cord (not supplied), you can connect equipment with analog audio output jacks such as a Digital Audio Player, or a TV, etc.



If the audio output on the other equipment is not stereo mini plug type,

Use a plug adapter to convert the stereo mini plug to the corresponding plug of the audio output.

Refer to the manuals supplied with the other equipment.



memo

- Always set volume to “VOL MIN” when connecting or disconnecting the other equipment.

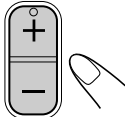
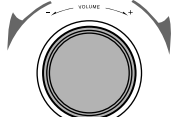
To select other equipment for the source



Daily Operations – Sound & Other Adjustment

Adjusting the Volume

You can adjust the volume level to MIN, 1-30, MAX.

Remote control:	Main unit:
 VOLUME	

To drop the volume in a moment



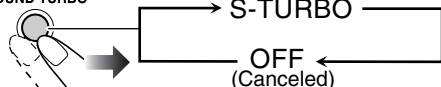
To restore the volume, press again, or adjust the volume level.

Adjusting the Sound

To emphasize the sound—SOUND TURBO

This function emphasizes the sound.

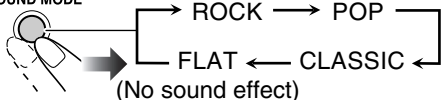
SOUND TURBO



Sound Mode

You can select one of 3 SEA (Sound Effect Amplifier) modes. You can use this effect only for playback.

SOUND MODE



ROCK	Boosts low and high frequencies. Good for acoustic music.
POP	Good for vocal music.
CLASSIC	Set for wide and dynamic sound stereo systems.
FLAT	No sound effect applies.

Setting the Clock

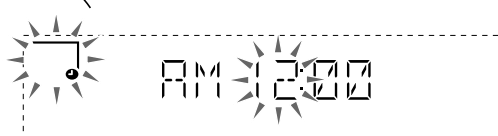


Without setting the built-in clock, you cannot use the Daily Timer (see page 24).

- To exit from the clock setting, press CLOCK/TIMER as required.
- To go back to the previous step, press CANCEL/DEMO.

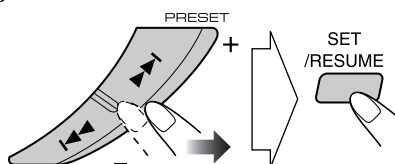
1 Activate the clock setting mode.

CLOCK / TIMER

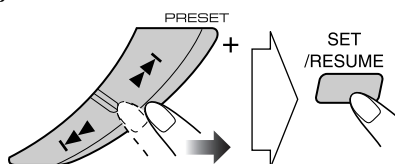


- If you have already adjusted the clock before, press the button repeatedly until the clock setting mode (see page 24) is selected, then press SET/RESUME.

2 Adjust the hour.



3 Adjust the minute.

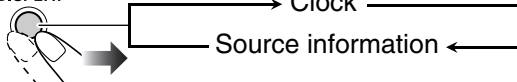


“CLOCK OK” appears and the built-in clock starts working.

To check the current time during play



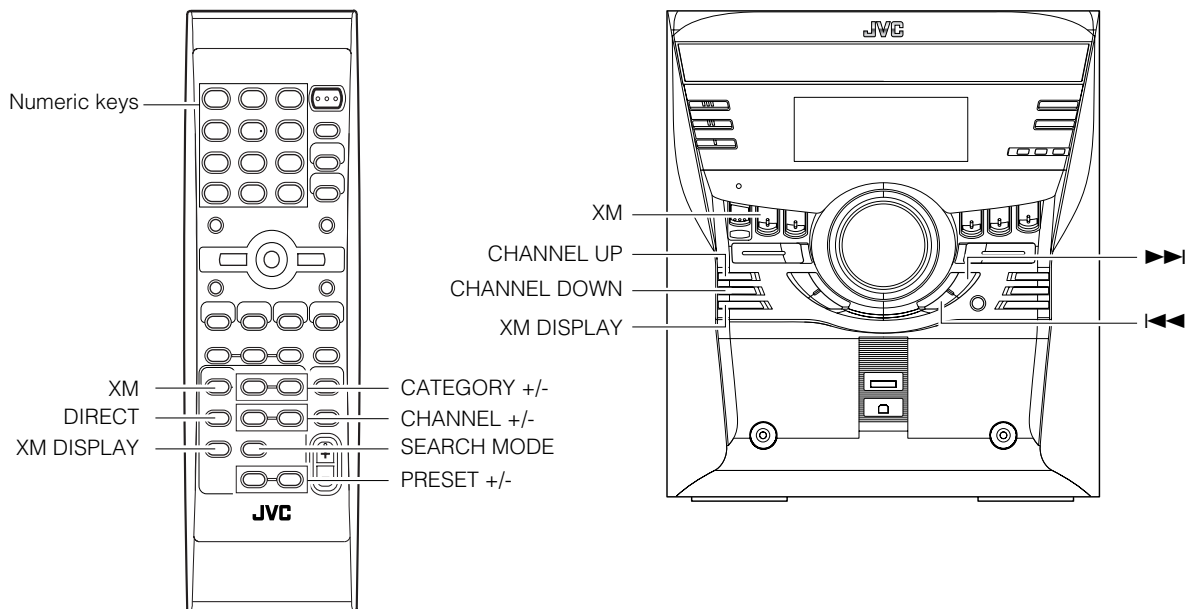
DISPLAY



If there is a power failure

The clock loses the setting and is reset to “AM 12:00.” You need to set the clock again.

Advanced Radio Operations



About XM Satellite Radio

XM Satellite Radio is a satellite radio service with digital quality sound and over 170 digital channels, the most commercial-free music in satellite radio services, live concerts plus exclusive original programming, the biggest names in news, talk, and entertainment, the most sports play-by-play including Major League Baseball®. For the latest channel listings and programming information, or to sign up, visit <http://www.xmradio.com>.

XM Ready® is a registered trademark of XM Satellite Radio Inc. All rights reserved.

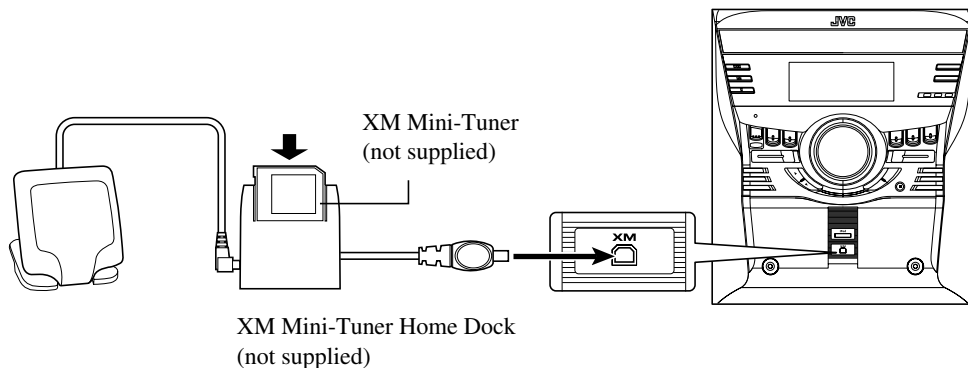
Major League Baseball® is a registered trademark of Major League Baseball Properties, Inc.

Preparation

Connecting the XM Mini-Tuner System (XM Mini-Tuner and XM Mini-Tuner Home Dock)*

To enjoy XM Satellite Radio, connect the XM Mini-Tuner System (not supplied) to the main unit.

* You can also use the conventional XM Connect and Play Digital Antenna (not supplied) for the main unit.





memo

- Place the XM Mini-Tuner Home Dock near a south-facing window or where “Channel 1” can be heard clearly (see below).
- Make sure there is no obstruction between the XM Mini-Tuner Home Dock and the sky.

For listening to XM Satellite Radio, you need the following:

- The XM Mini-Tuner System^{*1} (not supplied)—XM Mini-Tuner and XM Mini-Tuner Home Dock
- Subscription to XM Satellite Radio^{*2}

^{*1} To connect the XM Mini-Tuner System with the main unit, see page 17.

^{*2} The following channels are available without subscription:

- Channel 0: This channel is for checking the XM Satellite Radio ID code.
- Channel 1: This is “XM Preview” channel.

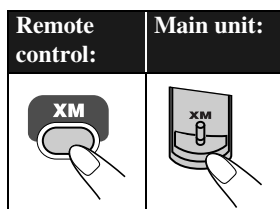
How to subscribe

XM Satellite radio is a subscription service. To subscribe to the XM Satellite Radio, visit the XM Satellite Radio’s web site at <<http://xmradio.com/activation/>>, or you can call 1-800-XM-RADIO (1-800-967-2346). For subscription, you need to have the XM Satellite radio ID code. To check the ID code, follow the procedure below:

How to check the XM Satellite Radio ID code

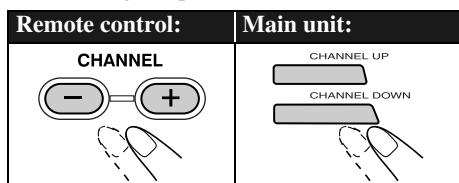
After connection:

1 Select XM as the source.



2 Tune in to “Channel 0.”

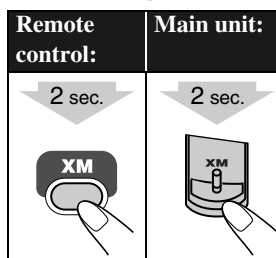
The display shows “CH000”, then shows “RADIO ID” and the 8-digit (alphanumeric) ID code alternately.



Antenna Aiming

For XM Mini-Tuner Home Dock (not supplied) installation.

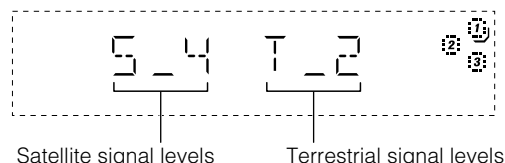
While selecting XM...



“A.AIMING” briefly appears on the display.

Then the status is indicated in 5 levels (from 0 to 4).

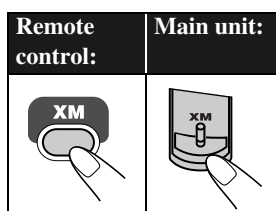
Position the XM antenna to get the highest signal strength, either Satellite or Terrestrial. Signal levels of at least 3 should provide reliable reception. The most reliable reception is achieved when signal levels of at least 3 on both Satellite and Terrestrial. Terrestrial coverage is available only in large metropolitan cities.



- For details about XM Mini-Tuner Home Dock, see XM Mini-Tuner Home Dock instruction manual.

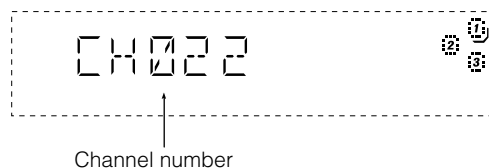
Listening to the XM Satellite Radio

To select XM as the source



The last received channel is tuned in.

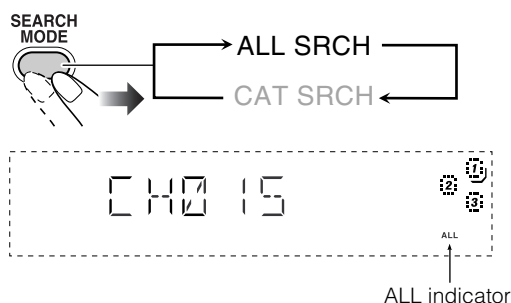
“XM” appears and then the channel number appears on the display.



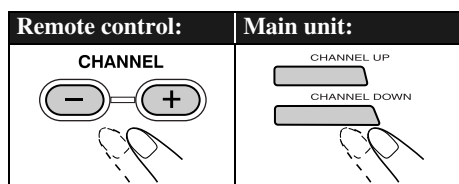
To tune in to channels

1 Select "ALL SRCH."

The ALL indicator lights up.



2 Select the channel.



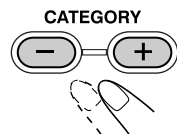
Category Search

You can select the channel category and tune in to only the channels included in the selected category.

1 Select "CAT SRCH."

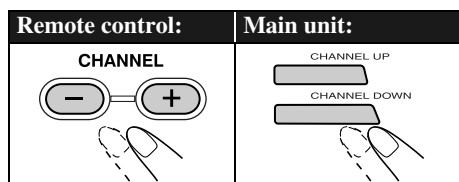


2 Select the channel category.



The channel with the smallest channel number in the category is displayed.

3 Select the channel.



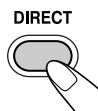
The selected channel is tuned in after a few seconds.

Direct Channel Access



You can tune in to the desired channel directly by entering the channel number.

1 Press DIRECT.



2 Press the numeric keys to enter the desired channel number while the channel number position is flashing.

- To use the numeric keys, see "How to Select Numbers" on page 9.

Using preset tuning

You can preset up to 30 channels.

To store the preset channels

1 Tune in to the channel you want to preset.

2 Activate the preset number entry mode.

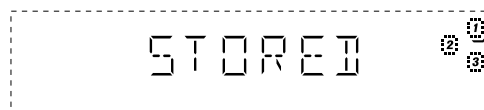


- Finish the following process while the indication on the display is flashing.

3 Select a preset number for the channel you store. See "How to Select Numbers" on page 9.

- You can also use ◀◀▶▶ on the main unit.

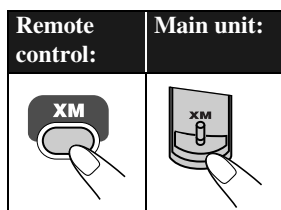
4 Store the channel.



5 Repeat steps 1 to 4 until you store all the desired channels.

To tune in a preset channel

1 Select XM as the source.



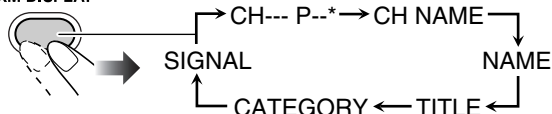
2 Select a preset number for the channel you store. See “How to Select Numbers” on page 9.

- You can also use **◀◀/▶▶** on the main unit.

Changing the channel information

While listening to the XM Satellite Radio, the currently selected channel information appears on the display. You can change the type of channel information.

XM DISPLAY



CH--- P--*	Channel number/Preset number *Preset number is displayed only for the channels which are preset.
CH NAME	Channel name
NAME	Artist name/feature
TITLE	Track/program title
CATEGORY	Category name
SIGNAL	Signal strength

When SIGNAL is selected, current signal strength is indicated on the display in 4 levels (NO SIGNAL, 1-3).



memo

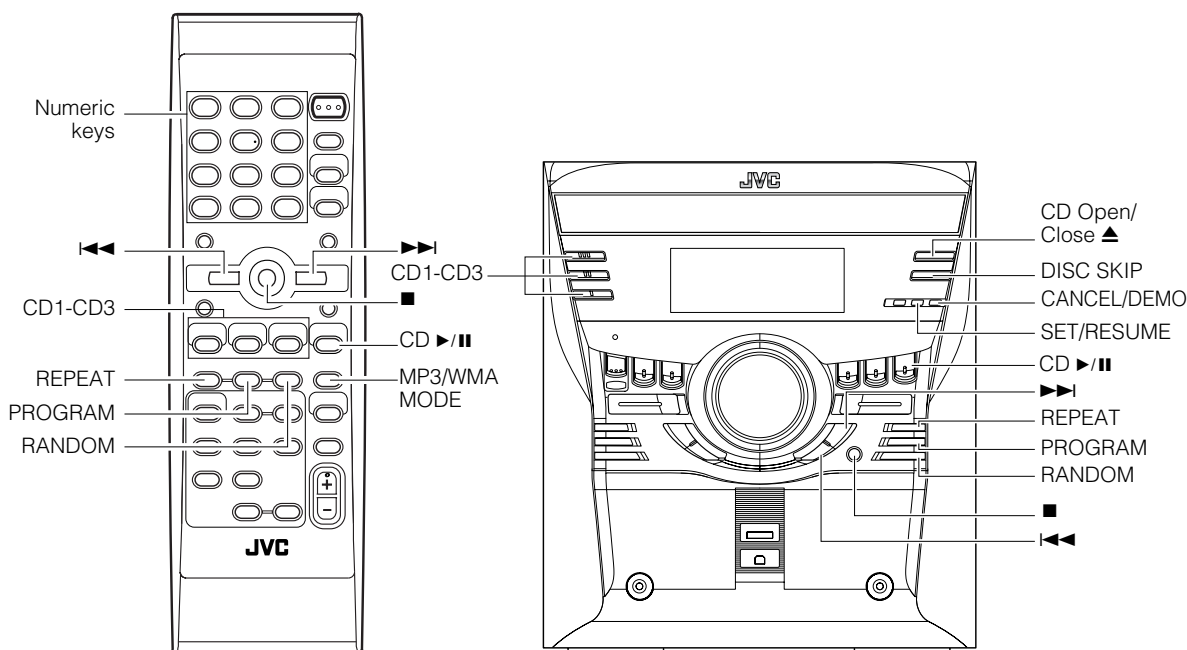
- Last channel you were listening to will be displayed the next time you selected XM.
- When you tune in to another channel, the selected channel number appears on the display.
- When all the text information cannot be shown on the display at a time, the text scrolls.
- Some characters cannot be displayed correctly.

Messages on the display

When problems occur, a message appears on the display. In this case, refer to the following solution.

Message	Possible cause	Solution
NO SIGNAL	Signals are too weak.	Move the XM Mini-Tuner Home Dock near a south-facing window or where “Channel 1” can be heard clearly.
CHECK ↕ XM TUNER	The XM Mini-Tuner is not properly installed or the cable is not properly connected.	Confirm the XM Mini-Tuner is fully seated in the XM Mini-Tuner Dock. Then check the connection (see page 17), and confirm the XM Mini-Tuner Dock cable is not damaged and fully seated in the XM terminal jack on the unit front panel.
CHECK ↕ ANTENNA	The XM antenna is disconnected from the XM Mini-Tuner Dock.	Confirm the XM antenna is properly connected to the XM Mini-Tuner Dock (see page 17).
LOADING	This receiver is loading the channel information and audio data.	It takes a few minutes to complete. Wait until loading is finished.
OFF AIR	Selected channel is not currently broadcasting any signal.	Select another channel.
UPDATING	The latest encryption code is being updated.	Wait until updating is finished.
“---”	No text information for the selected channel is available.	—
“CH---”	Selected channel does not exist or is not subscribed yet.	—

Advanced Disc Operations



Programming the Playing Order—Program Play

You can arrange the playing order of the tracks (up to 32) before you start playback.

- You can repeat all the programmed tracks by pressing REPEAT.
- During the PRGM indicator is shown on the display, you cannot open the disc trays.

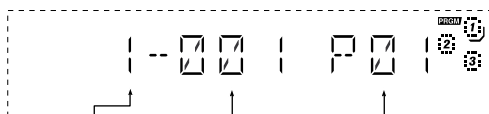
1 Before starting playback, press PROGRAM.

PROGRAM



2 Select a disc by pressing CD 1-CD 3.

3 Select tracks you want for Program Play.



Disc number

Track number

Program step

See "How to Select Numbers" on page 9.

- To use ◀◀/▶▶ on the main unit, press SET/RESUME after selecting tracks.

4 Repeat steps 2 and 3 to program the other tracks.

- To select a track from the same disc, repeat step 3.

5 Start playback.



The tracks you have selected are played back in the order you have programmed.

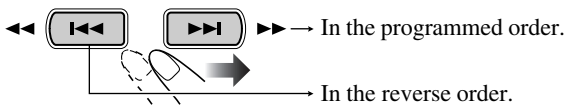
To skip a track:	To pause:	To stop:
◀◀ ▶▶	CD ►/II	■
	To release, press again.	

- Tracks cannot be selected with the numeric keys during Program Play.

To check the programmed contents



While the PRGM indicator is shown on the display and before playback...



To modify the program

While the PRGM indicator is shown on the display and before playback...

To erase the last step:	To erase the entire program:
To add steps in the program: Repeat steps 2 and 3 on page 21.	

To exit from Program Play

While the PRGM indicator is shown on the display...



Pressing ■ also cancels Program Play.

Playing at Random—Random Play

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

- You can repeat the current disc by pressing REPEAT.

- 1** Select a disc by pressing CD 1 – CD 3.
- 2** Press RANDOM.



- 3** Start playback.



Playback starts in random order.
Random Play ends when all tracks are played.

To skip a track:	To pause:	To stop:
	 To release, press again.	

- Tracks cannot be selected with the numeric keys during Random Play.

To exit from Random Play

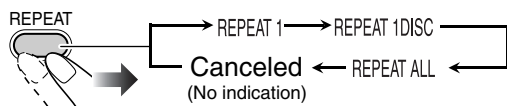
While the RAND indicator is shown on the display...



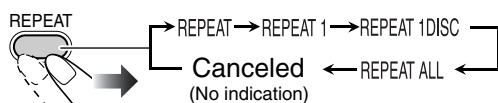
Playing Repeatedly—Repeat Play

You can repeat playback.

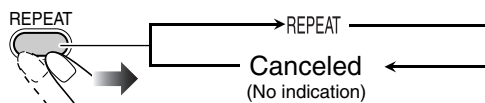
For CD/MP3/WMA (TRACK mode):



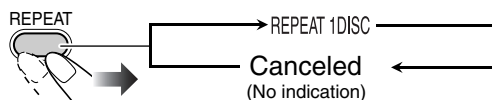
For MP3/WMA (GROUP mode):



During Program Play:



During Random Play:



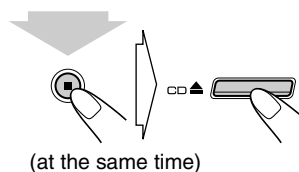
REPEAT 1	Repeats the current track.
REPEAT 1 DISC	Repeats all the tracks on the current disc. (Selectable in Normal play and Random play)
REPEAT	Repeats all the tracks in the current group (for MP3/WMA playback) or program.
REPEAT ALL	Repeats all the discs.

Prohibiting Disc Ejection—Child Lock



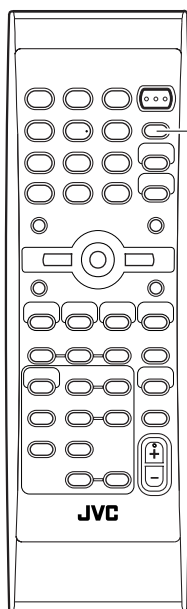
You can lock the disc trays so that no one can eject the loaded discs.

While the disc trays are closed...

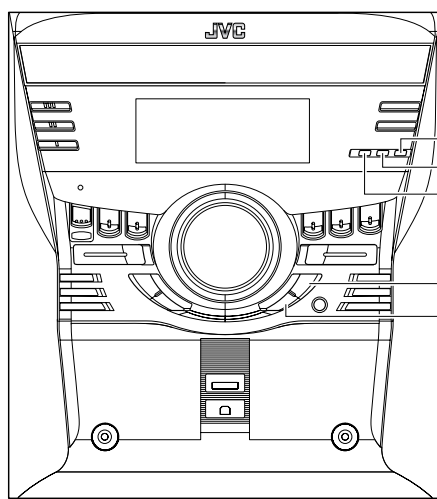


To cancel the prohibition, repeat the same procedure. “UNLOCKED” appears on the display.

Using the Timers



SLEEP



CANCEL/DEMO
SET/RESUME
CLOCK/TIMER

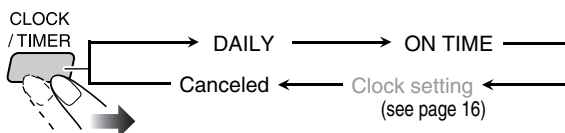
Setting the Timer



Using Daily Timer, you can wake up with music, etc.

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

1 Select ON TIME.



How Daily Timer actually works

Once the Daily Timer has been set, the timer () and DAILY indicators are lit on the display. Daily Timer is activated at the same time everyday until the timer is turned off manually.

When the on-time comes

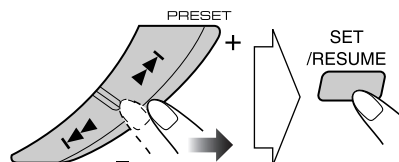
The System turns on, tunes in to the selected station or start playing the selected source, and sets the volume level to the preset level.

- If "P ---" is selected, the last tuned station is selected.
- If "VOL ---" is selected, the last specified value is selected.
- If "DISC ---" is selected, the last played disc is selected.
- While Daily Timer is working, the timer () indicator flashes on the display.
- The timer setting remains in memory until you change it.
- Without canceling the Daily Timer, you can change the source or adjust the volume after Daily Timer starts playback.



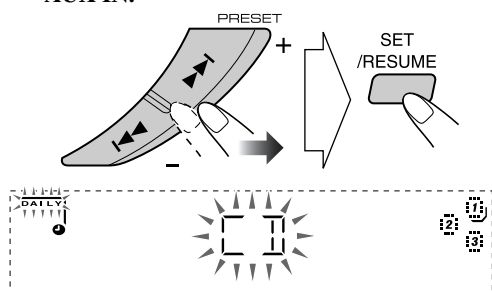
2 Make the timer setting as you want.

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



② Set the hour then the minute for off-time in the same manner.

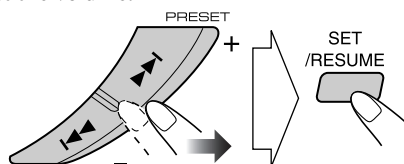
- ③ Select the playback source—"TUNER FM," "TUNER AM," "CD," "XM RADIO," "iPod" or "AUX IN."



When selecting tuner: Select a preset number or "P ---" by pressing ◀ or ▶, then press SET.

When selecting CD: Select a disc or "DISC ---" by pressing ◀ or ▶, then press SET.

- ④ Set the volume.



If you select "VOL ---," the volume is set to the level that was set before the power was turned off.

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

STANDBY/ON
⏻/⏻



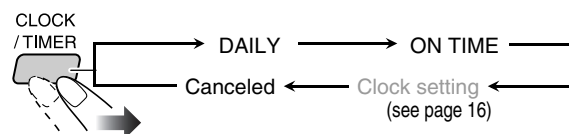
memo

- Do not set to ECO mode after setting Daily Timer.

To turn off the Timer after its setting is done

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

1 Select DAILY.



2 Turn off the selected Timer.



The display shows "OFF", then the timer (●) and DAILY indicators are turned off.

To turn on the Timer again, repeat the above steps and press in step 2...

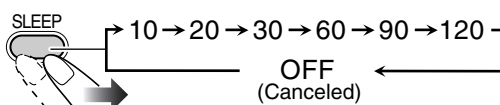


The timer (●) and DAILY indicators are turned on.

To turn off the System after a certain period of time—Sleep Timer

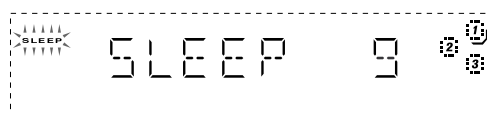


1 Specify the time (in minutes).



2 Wait until the set time goes off.

To check the time remaining until the shut-off time



- If you press the button repeatedly, you can change the shut-off time.

Additional Information

Learning More about This System ● ● ●

Daily Operations—Playback (see pages 9 to 15)

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:

- When using an 8 cm (3-³/₁₆ inch) disc, place it on the inner circle of the disc tray.
- This System cannot play “packet write” discs.
- For MP3/WMA playback...
 - MP3/WMA discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
 - Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
 - When making MP3/WMA discs, use ISO 9660 Level 1 for the disc format.
 - This System can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
 - Some characters or symbols will not be shown correctly on the display. The maximum character number shown on the display is 32 (without the extension code) for files, and 30 for ID3 tag.
 - It is recommended that you make each MP3 file at a sampling rate of 44.1 kHz and at a bit rate of 128 kbps. Similarly each WMA file at a sampling rate of 44.1 kHz and at a bit rate of 96 kbps.
 - This System can recognize the total of 255 files and folders. Those exceeding the maximum number cannot be recognized.
 - Playback order of MP3/WMA tracks may be different from the one you have intended while recording. If a folder does not include MP3/WMA tracks, they are ignored.

When discs* in more than one tray are loaded on the disc trays, they are played in sequence as follows:

Ex.: When CD 2 is selected:

CD 2 -> CD 3 -> CD 1 (then selects CD 2, and stops)

- * When no disc is loaded on the tray, that disc number is skipped.

You can exchange discs while playing or selecting another disc.

Daily Operations—Sound & Other Adjustments (see pages 16)

Adjusting the Volume:

- Be sure to turn down the volume before connecting or putting the headphones.

Adjusting the Sound:

- This function also affects the sound through the headphones.

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.

Advanced Disc Operations (see pages 21 to 23)

Programming the Playing Order—Program Play:

- If you try to program a 33rd track, “FULL” appears on the display.
- 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).

Timer Operations (see pages 24 and 25)

- 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 the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

Troubleshooting

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

General:

Adjustments or settings are suddenly canceled before you finish.

⇒ There is a time limit. Repeat the procedure again.

Operations are disabled.

⇒ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.

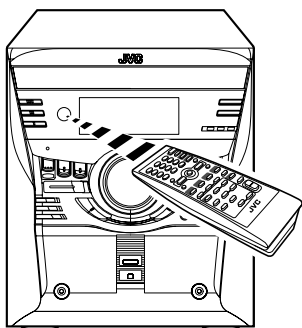
Unable to operate the System from the remote control.

⇒ The path between the remote control and the remote sensor on the System is blocked.

⇒ Point it at the remote sensor on the front panel.

⇒ Signals cannot reach the remote sensor.
More closer to the System.

⇒ The batteries are exhausted.



No sound is heard from the speakers.

⇒ Speaker connections are incorrect or loose (see page 6).

⇒ Headphones are connected (see page 9).

“PROTECT” appears on the display, then the power goes off.

⇒ The speaker wire leads come in contact with each other.

Check the connection and make corrections (see page 6).

Radio Operations:

Hard to listen to broadcasts because of noise (see pages 4 to 5).

⇒ 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/iPod Operations:

The disc does not play.

⇒ The disc is placed upside down. Place the disc with the label side up.

The disc sound is discontinuous.

⇒ The disc is scratched or dirty.

The disc tray does not open or close.

⇒ The AC power cord is not plugged in.

⇒ Child Lock is in use (see page 23).

The iPod doesn't playback although the display indicates “CONNECT”.

⇒ The battery is empty. Let stand for more than approximately ten minutes on the connecting condition.

Timer Operations:

Daily Timer does not work.

⇒ The System has been turned on when the on-time comes, or set to ECO mode after setting Daily Timer. Timer starts working only when the System is turned off (Standby).

Maintenance

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

Handling discs

- When removing the disc from its case, hold it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use to prevent warping.
- Be careful not to scratch the surface of the disc.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

To clean the disc:

Wipe the disc with a soft cloth in a straight line from center to edge.

Cleaning the System

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

Specifications

Amplifier

Output Power

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

Terminals

AUX IN

Input Sensitivity/Impedance(1 kHz) 400 mV/50 k Ω

Speaker terminals 6 Ω - 16 Ω

Phones 32 Ω - 1 k Ω

17 mW/ch output into 32 Ω

iPod

Compatible iPod types See page 13

Bus Power supply Max.5 V/500 mA

XM

Bus Power supply Max.5V-5.5V/500mA

CD Player

CD Capacity 3 CDs

Dynamic Range 85 dB

Signal-To-Noise Ratio 85 dB

Wow And Flutter Unmeasurable

Tuner

FM Tuner

Tuning Range 87.5 MHz - 108.0 MHz

AM Tuner

Tuning Range 530 kHz - 1 710 kHz

Unit

Dimensions 270 mm \times 307 mm \times 492mm (W/H/D) (10-11/16" \times 12-1/8" \times 19-3/8")

Mass Approx. 8.7 kg (19.2 lbs)

Speaker Specifications (each unit)

SP-MXKC58

Type 3-way bass-reflex type

Speaker Unit Woofer: 16 cm (6-5/16") cone \times 1

Mid: 5cm (2") cone \times 1

Tweeter: 2 cm (13/16") dome \times 1

Power Handling Capacity 200 W

Impedance 6 Ω

Frequency Range 45 Hz - 22 000 Hz

Sound pressure level 87 dB/W·m

Dimensions 220 mm \times 324 mm \times 238 mm(W/H/D) (8-11/16" \times 12-13/16" \times 9-3/8")

Mass Approx. 3.6 kg (8 lbs)

Accessories

See page 4

Power Specifications

Power Requirements AC 120 V \sim 60 Hz

Power Consumption 180 W (power on mode)

24 W (in Standby mode, with iPod disconnected)

33 W (in Standby mode, with iPod connected)

1 W (in ECO mode)

Design and specification are subject to change without notice.

TO OUR VALUED CUSTOMER —

THANK YOU FOR PURCHASING THIS JVC PRODUCT.
WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

**NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?**

JVC[®] IS HERE TO HELP!
TOLL FREE: 1(800)252-5722
<http://www.jvc.com>

Remember to retain your Bill of Sale for Warranty Service.

———— **Do not attempt to service the product yourself** ————

Caution

To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.



LIMITED WARRANTY

1-1 **USA ONLY**

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	1 YR	LABOR	1 YR
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THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 27" or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer

Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <http://www.jvc.com>. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC AMERICAS CORP.

1700 Valley Road, Wayne, New Jersey 07470

<http://www.jvc.com>

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. :

Serial No. :

Purchase date :

Name of dealer :

JVC



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