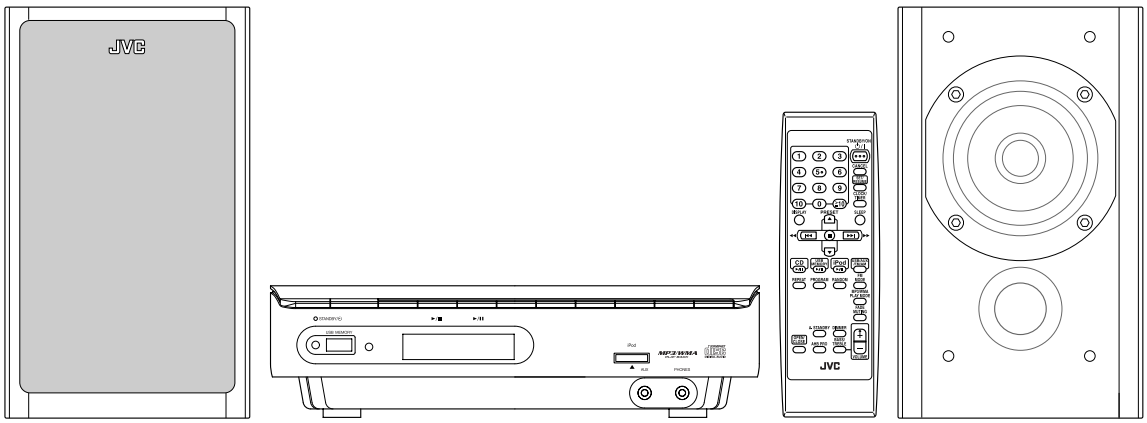
JVC

MICRO COMPONENT SYSTEM

UX-EP25 — *Consists of CA-UXEP25 and SP-UXEP25*



COMPACT disc DIGITAL AUDIO

MP3/WMA PLAYBACK

Made for iPod

INSTRUCTIONS

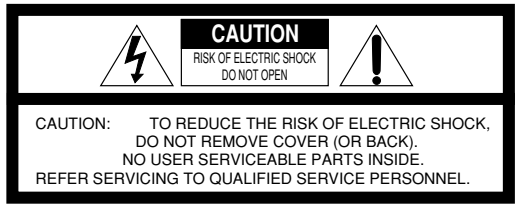
For Customer Use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

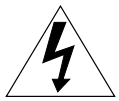
Model No. _____

Serial No. _____

LVT1598-001C
[J]

(For U.S.A.)





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.

(For U.S.A.)

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'eviter tout risque d'electrocution, 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 a la pluie ni a l'humidite.

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 button in any position does not disconnect the mains line.

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

The power can be remote controlled.

ATTENTION—Touche ⏻/I (STANDBY/ON)!

Deconnectez la fiche secteur pour mettre l'appareil completement hors tension (tous les temoins et toutes les indications s'eteignent). Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. La touche ⏻/I dans n'importe quelle position ne deconnecte pas l'appareil du secteur.

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

L'alimentation ne peut pas etre commandee a distance.

(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.)

For the main unit:
Declaration of Conformity

Model Number: UX-EP25
Trade Name: JVC
Responsible Party: JVC Americas Corp.
Address: 1700 Valley Road, Wayne New Jersey 07470
Telephone Number: 973-317-5000

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

(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 NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMIRIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR; "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Caution: Proper Ventilation

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

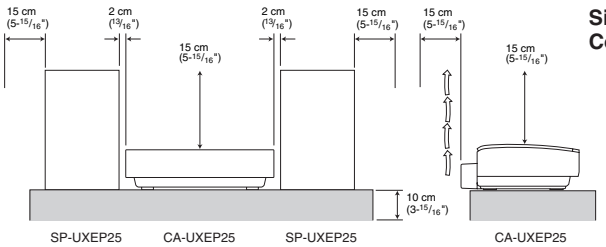
1. Front: No obstructions and open spacing.
2. Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm (3-15/16") or more.

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**
A cooling fan is mounted on the right side of the unit to prevent abnormal temperature inside the unit, thus assuring normal operation of the unit. The cooling fan automatically starts rotating to intake external cool air when the volume is increased up to more than a certain level.

* **À propos du ventilateur de refroidissement**
Un ventilateur de refroidissement se trouve sur le panneau arrière de l'appareil afin d'éviter la création d'une température anormale à l'intérieur de l'appareil et permettre ainsi un fonctionnement normal de l'appareil. Le ventilateur de refroidissement commence à tourner et à aspirer de l'air frais automatiquement quand le volume est augmenté au-dessus d'un certain niveau.

IMPORTANT FOR LASER PRODUCTS / IMPORTANT POUR PRODUITS LASER

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:** (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. 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	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	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)	VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44803-003A

CAUTION

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

ATTENTION

- 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.)
- Ne placez aucune source de flamme nue, telle qu'une bougie, sur l'appareil.
- 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.
- 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.

Cautions and other information on the device are shown on the bottom of the unit. Please read them carefully before starting operation of the unit.

Des précautions et autres informations relatives au dispositif se trouvent sur le dessous de l'unité. Veuillez lire attentivement ces informations avant d'utiliser votre unité pour la première fois.

[European Union only]
[Union europeenne seulement]

Contents

Introduction 2

Precautions 2
How to Read This Manual 3

Getting Started 4

Step 1: Unpack 4
Step 2: Prepare the Remote Control 4
Step 3: Hook Up 5
To assemble and connect the AM loop antenna 7
To connect the speaker cords 7

Before Operating the System 8

Daily Operations— Playback — 9

Listening to the Radio 10
Playing Back a Disc 11
Playing back from iPod 12
Playing Back from the USB mass storage class device 13
Playing Back from the PC 15
Playing Back from Other Equipment 16

Daily Operations— Sound & Other Adjustments — 17

Adjusting the Volume 17
Adjusting the Sound (Remote Only) 17
Changing the Display Brightness — DIMMER (Remote Only) 18
Setting the Clock (Remote Only) 18
Turning Off the Power Automatically (Remote Only) 19

Advanced Disc/USB mass storage class device Operations 20

Programming the Playing Order — Program Play (Remote Only) 20
Playing at Random — Random Play (Remote Only) 21
Playing Repeatedly — Repeat Play (Remote Only) 22

Timer Operations 23

Setting the Timer (Remote Only) 23

Additional Information 25

Learning More about This System 25
Troubleshooting 26
Maintenance 27
Specifications 27
Parts Index 28

Introduction

Thank you for purchasing the JVC Micro Component System.
We hope it will be a valued addition to your home, giving you years of enjoyment.
Be sure to read this instruction manual carefully before operating your new stereo system.
In it you will find all the information you need to set up and use the system.
If you have a query that is not answered by the manual, please contact your dealer.

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 right side of the unit to prevent heat buildup inside the main unit (see page G-2).*

For safety, observe the following carefully:

- Make sure there is good ventilation 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.*

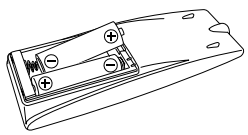
	Indicates that you press the button **briefly**.
	Indicates that you press the button **briefly and repeatedly** until an option you want is selected.
	Indicates that you press one of the buttons.
	Indicates that you **press and hold** the button for specified seconds. • *The number above indicates the period of press (in this example, 2 seconds).* • *If no number is indicated,press and hold until the entire procedure is complete or until you get a result you want.*

	Indicates that this operation is only possible using the remote control.

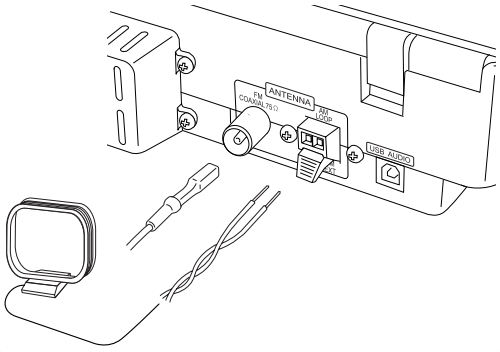
Getting Started

Step 1: Unpack the package and check the accessories.

Step 2: Prepare the remote control.



Step 3: Hook up the components such as AM/FM antennas, speakers, etc. (see pages 5 to 7).



Finally plug the AC power cord.
Now you can operate the System.

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.

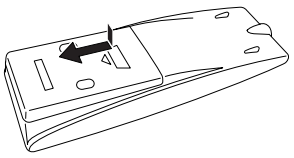
- *FM antenna (1)*
- *AM loop antenna (1)*
- *Speaker cords (2)*
- *Remote control (1)*
- *Batteries (2)*
- *iPod connection cable (1)*
- *iPod stand (1)*

If any item is missing, consult your dealer immediately.

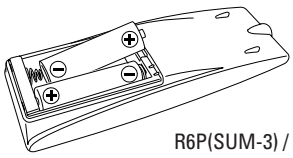
Step 2: Prepare the Remote Control

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

1

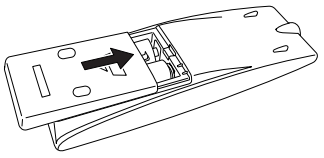


2



R6P(SUM-3) / AA (15F)

3



- DO NOT use an old battery together with a new one.
- DO NOT use different types of batteries together.
- DO NOT expose batteries to heat or flame.
- DO NOT leave the batteries in the battery compartment when you are not going to use the remote control for an extended period of time. Otherwise, the remote control will be damaged from battery leakage.

Step 3

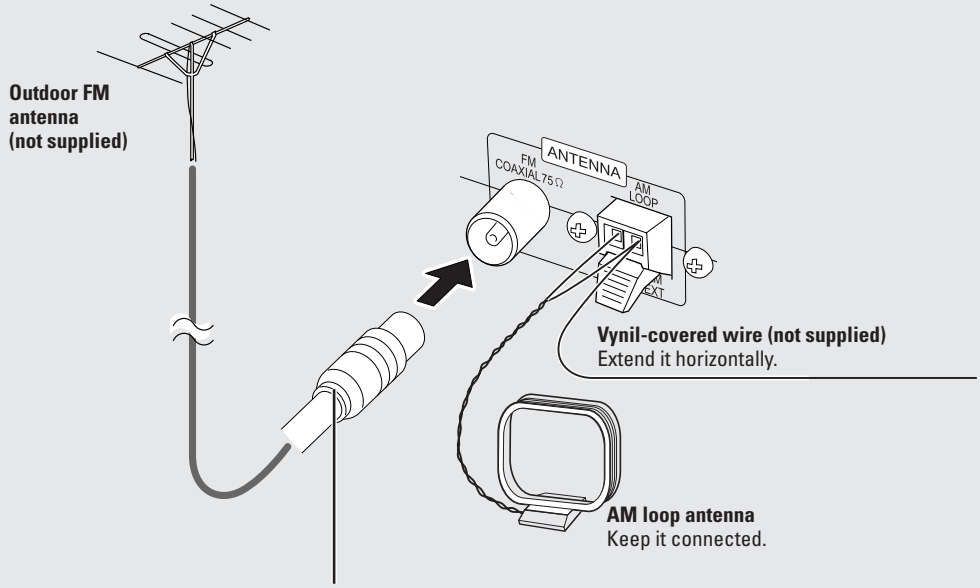
Hook Up

If you need more detailed information, see page 7.

Illustrations of the input/output terminals below are typical examples.
When you connect other components, refer also to their manuals since the terminal names actually printed on the rear may vary.

Turn the power off to all components before connections.

For better FM/AM reception

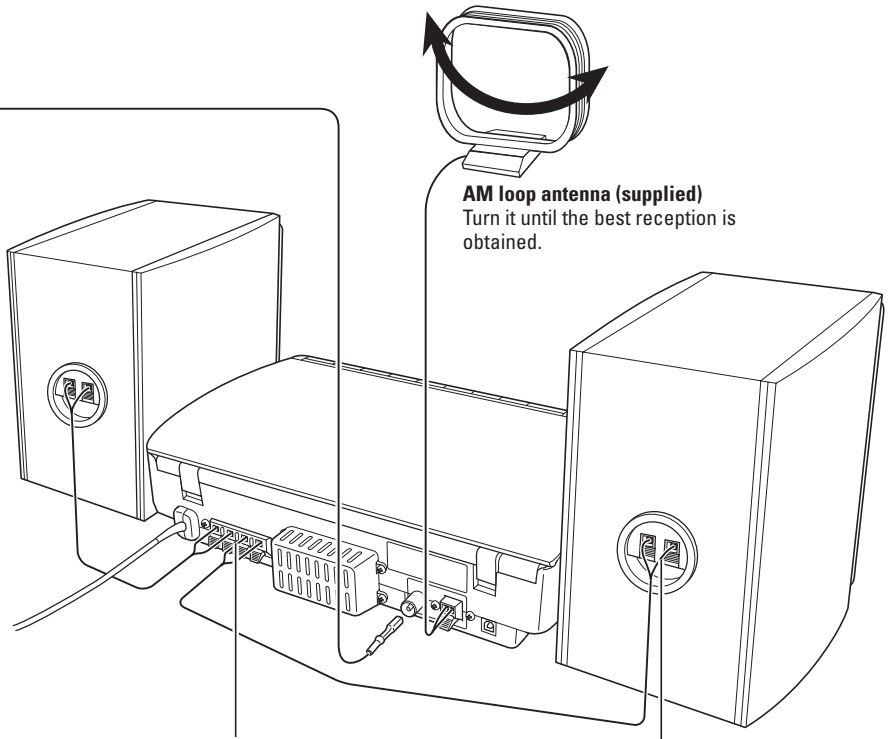


Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector.

To a wall outlet
Plug the AC power cord only after all connections are complete.

FM antenna (supplied)

Extend it so that
you can obtain
the best reception.



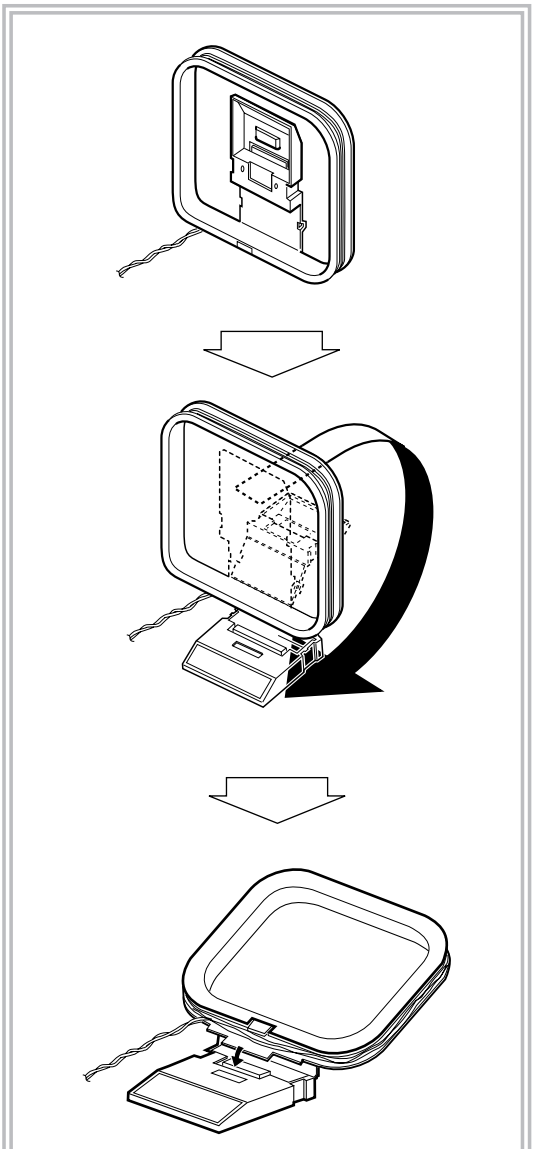
AM loop antenna (supplied)
Turn it until the best reception is
obtained.

Speaker cord (supplied)
Connect the black cord to
the black (–) terminal.

Speaker cord (supplied)
Connect the white cord to the
red (+) terminal.

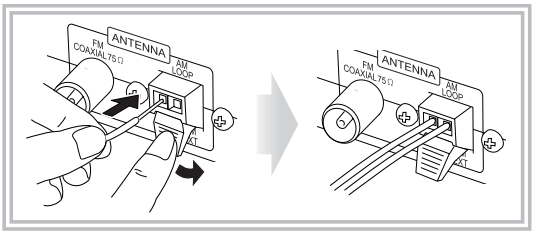
To assemble and connect the AM loop antenna

To assemble the AM loop antenna



To connect the AM loop antenna

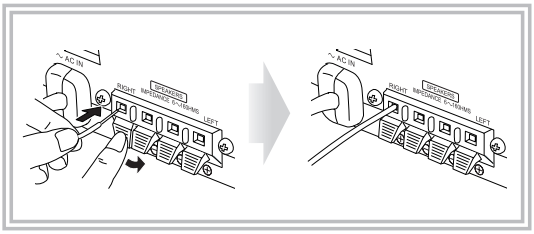
Make sure to connect the wire correctly.



- *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.*

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.

Red (+) terminal : white cord of the speaker cord

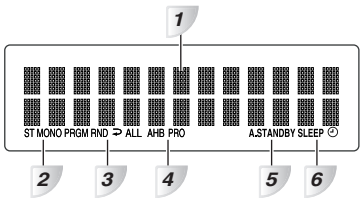
Black (–) terminal : black cord of the speaker cord

STOP!

- 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.

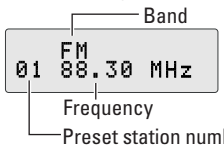
Before Operating the System

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.

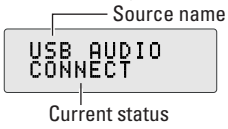


Indications on the main display

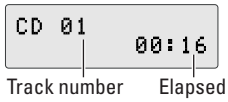
While listening to radio:



While selecting USB:

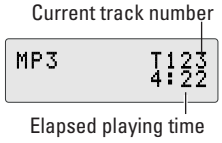


While playing a CD:

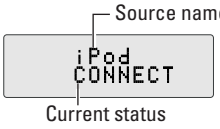


While selecting AUX:

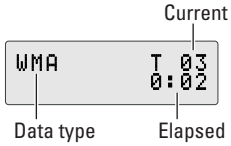
While playing an MP3*:



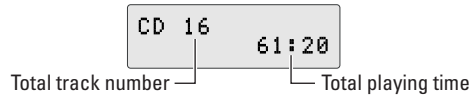
While selecting iPod:



While selecting USB MEMORY (WMA*):

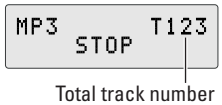


While disc play is stopped:

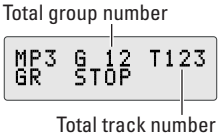


MP3/WMA:

•While in "TRACK" mode:



•While in "GROUP" mode:



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

1 Main display

2 FM reception indicators

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

3 Play mode indicators

- *PRGM (program): Lights when Program Play mode is activated.*
- *RND: Lights when Random Play mode is activated.*
- *⮌ : Lights when Repeat mode is activated.*
  - *– ⮌ : Repeats the current track.*
    (in GROUP mode): Repeats all tracks in the current group.
  - *– ALL: Repeats all tracks on the disc.*

4 AHB PRO (Active Hyper Bass Pro) indicator

- *Lights when the AHB PRO is activated (see page 17).*

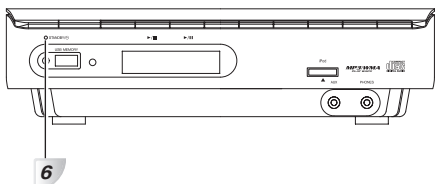
5 A (auto). STANDBY indicator

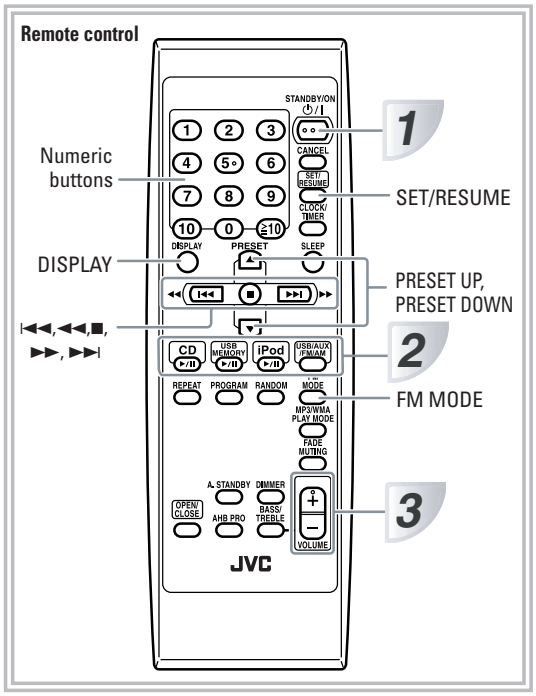
- *Lights when Auto Standby is activated.*
- *Flashes when disc playback stops with Auto Standby activated.*

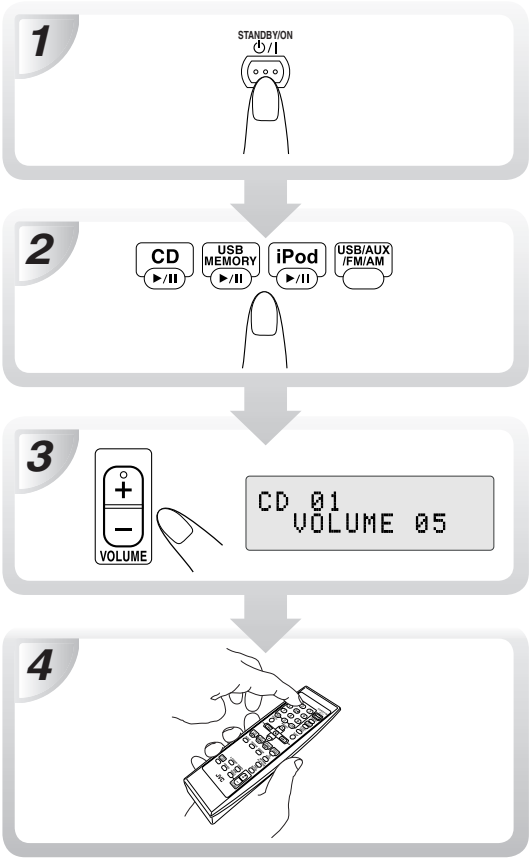
6 Timer indicators

- *SLEEP: Lights when the Sleep Timer is activated.*
- *⏲: Lights when Daily Timer stands by; flashes while working.*
- *STANDBY/⏲: Flashes slowly when the timer is ON.*

Indications on the main unit







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 USB MEMORY, iPod or USB/AUX/FM/AM, 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 System

The STANDBY lamp on the main unit lights up.

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

- *The STANDBY lamp blinks slowly when the timer is on.*

For private listening

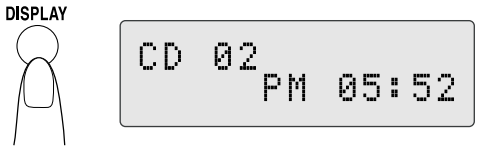
Connect a pair of headphones to the PHONES jack on the main unit. The sound will no longer come out of the speakers. Be sure to turn down the volume before connecting or putting the headphones.

- *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.

To display the clock indication

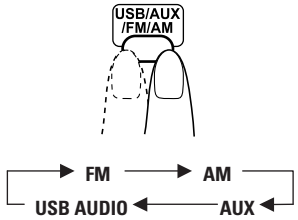
While the System is turned on...



- *Press the button again, to return to the source information.*

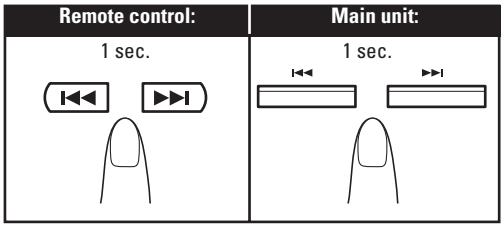
Listening to the Radio

To select the band (FM or AM)



To tune in to a station

While FM or AM is selected...

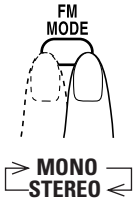


Frequency starts changing on the display. When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

- *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.
STEREO :	Normally select this. Stereo effect will be resumed.

To restore the stereo effect, press the button again (the MONO indicator goes off).

To preset the stations

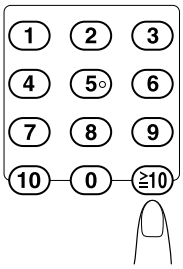
You can preset 30 FM and 15 AM stations.

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.

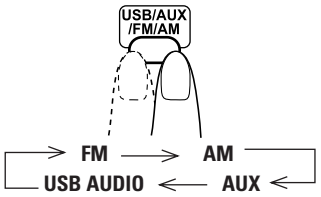


Examples:
To select preset number 5, press 5.
To select preset number 15, press ≧10 → 1 → 5.
To select preset number 20, press ≧10 → 2 → 0.

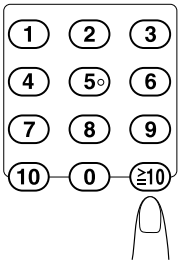
4 Store the station.

To tune in to a preset station

1 Select a band (FM or AM).



2 Select a preset number for the station you store.



- *You can also use the PRESET ▲/▼.*

Playable media and files

This system can playback following types of media and files.

Media	Audio CD, CD-R/RW, USB mass storage class device
File format	MP3, WMA

Audio CD	CD-R	CD-RW
COMPACT disc DIGITAL AUDIO	COMPACT disc DIGITAL AUDIO Recordable	COMPACT disc DIGITAL AUDIO ReWritable

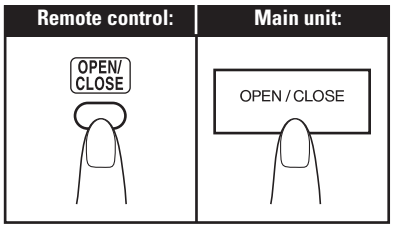
- *This System may not playback some USB mass storage class devices and does not support DRM (Digital Rights Management).*
- *This system may not playback some files even though their formats are listed above.*
- *Caution for DualDisc playback*
  The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

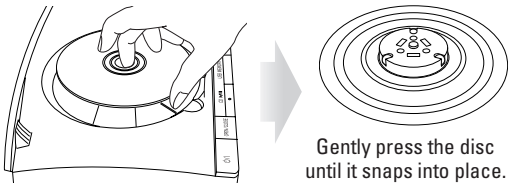
Playing Back a Disc

This System can playback the following discs—regular CD and CD-R/CD-RW (recorded either in the audio CD, MP3, or WMA format).

To set a disc

You can set a disc while playing another source.
Press the OPEN/CLOSE button.

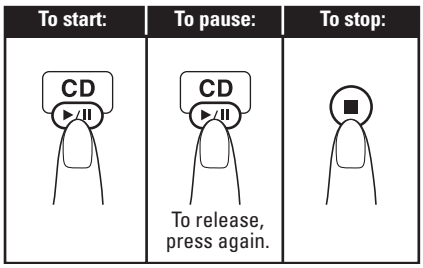




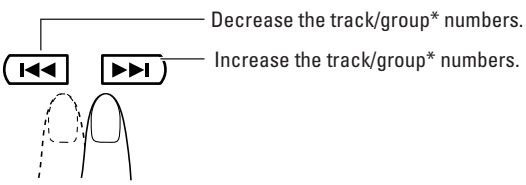
Gently press the disc until it snaps into place.

To close the disc cover, press the OPEN/CLOSE button again.

- *When the cover is open, pressing CD ►/II closes the cover and the playback starts.*



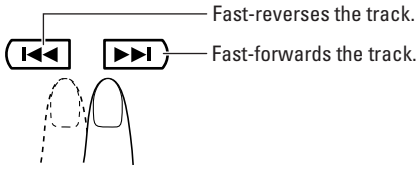
To select a track/group*



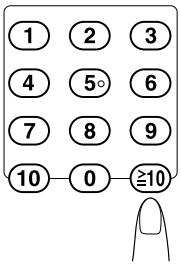
** For details about the group selection, see "For MP3/WMA playback" on page 14.*

To locate a particular portion

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



To locate a track directly and start play



Examples:
To select track number 5, press 5.
To select track number 15, press ≧10 → 1 → 5.
To select track number 20, press ≧10 → 2 → 0.
To select track number 125 (for MP3/WMA only), press ≧10 → 1 → 2 → 5.

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.*

IMPORTANT

- **The iPod battery is charged while the System is turned on. See the iPod instruction manual about battery charging.**
- **If you connect an iPod to the iPod terminal and a USB mass storage class device to the USB MEMORY terminal at the same time, the system might be overloaded.**
- **Sound distortion may occur when playing back audio sources with high recording levels. Adjusting the iPod's equalizer to "flat" is recommended. 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.**
- **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 connecter pins directly. It might cause damages to the connector part.**
- **Remove the iPod from the cable when you do not use.**
- **Compatible iPod types:**

iPod nano 1G/2G/4G
iPod mini
iPod (4th Generation) 20G/40G
iPod photo (4th Generation) 20G/30G/40G/60G
iPod video (5th Generation) 30G/60G

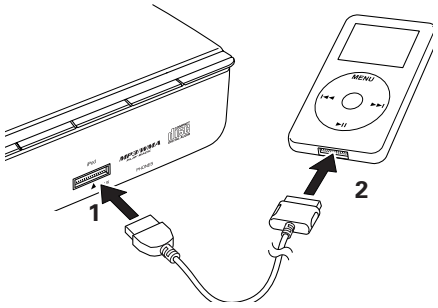
If the iPod does not play correctly, please update your iPod software to the latest version.
- For details about updating your iPod, check on the Apple web site <http://www.apple.com>.

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

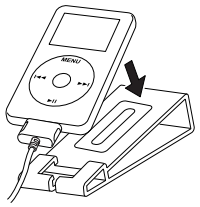
To Connect iPod

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

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

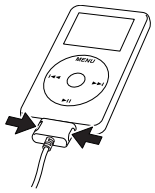


You can place the iPod on the supplied iPod stand.

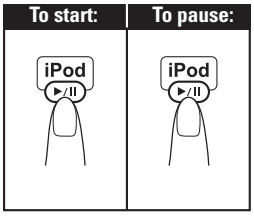


When disconnecting the iPod, make sure that the System is turned off.

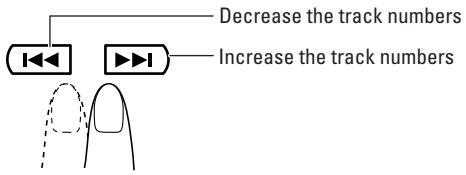
To remove the connector from your iPod, squeeze the buttons on the sides and pull.



To playback sounds on the iPod



To select a track



Search... Press and hold ⏮ or ⏭.
OFF... Press and hold ⏯.

Playing Back from the USB mass storage class device

This System is equipped with a USB MEMORY terminal on the front panel. You can connect a USB mass storage class device such as a USB flash memory device, Digital Audio Player (DAP), etc. to this System. This System cannot recognize a USB mass storage class device whose rating exceeds 5V/500mA.

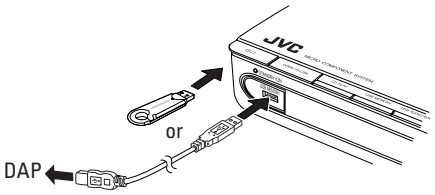
- *Remember you cannot send any data to your USB mass storage class device from this System.*

IMPORTANT

- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**
- **Connect the USB mass stotrage class device directly to the system. Using a USB hub may result in malfunction.**
- **Coded or encrypted tracks in a special method cannot be played on the unit.**
- **The USB mass storage device's battery is charged while the System is turned on.**

To connect the USB mass storage class device

When connecting a USB mass storage class device, refer also to its manual.

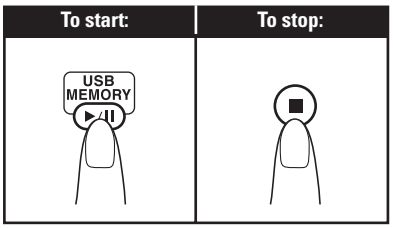


- *When disconnecting the USB mass storage class device, make sure that the System is in the stop condition.*

To playback sounds on the USB mass storage class device

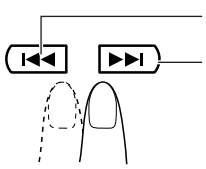
IMPORTANT

- **An iPod does not play on the USB MEMORY terminal. "RESTRICT" appears on the display when an iPod is connected to the USB MEMORY terminal while USB MEMORY is selected for the source.**



- *The USB MEMORY lamp on the left of the USB MEMORY terminal flashes while USB MEMORY is selected for the source.*

To select a track/group*

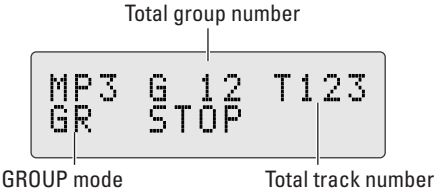


* *For details about the group selection, see "For MP3/WMA playback" on this page.*

For MP3/WMA playback

According to the MP3/WMA playback mode, ⏮ / ⏭ or number buttons 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 PLAY MODE.

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

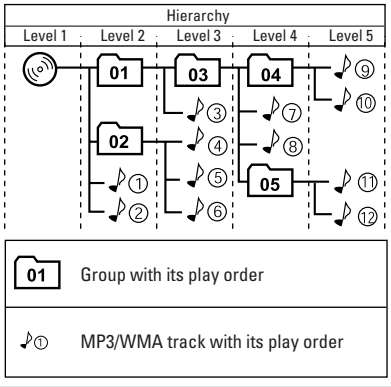
TRACK MODE
GROUP MODE

TRACK: ⏮ / ⏭, and number buttons work for the track selection of the MP3/WMA.

GROUP: ⏮ / ⏭, and number buttons work for the group selection of the MP3/WMA.

MP3/WMA groups/tracks configuration

This System plays back MP3/WMA tracks as follows. The play order in the figure is for MP3/WMA tracks on the disc.
MP3/WMA tracks on USB mass storage class device may be played back differently.



Resume Play for MP3/WMA

If you press ■ while playing MP3/WMA, the number of the track where you have stopped playback will be memorized by the unit.
By pressing CD ►/II or USB MEMORY ►/II, you can start playback again from the beginning of the same track.

To activate/cancel resume play (Remote ONLY)

memo

- *Pressing OPEN/CLOSE (for Disc), or disconnecting the USB mass storage class device will erase the track number for resume play.*
- *To play back from the first track while resume play is activated, press ■ twice during playback.*

Playing Back from the PC

This System is equipped with a USB terminal on the rear panel. You can connect your PC to this terminal and enjoy the sound out of your PC. When you connect your PC for the first time, follow the procedure below.

- *Remember you cannot send any signal or data to your PC from this System.*

IMPORTANT

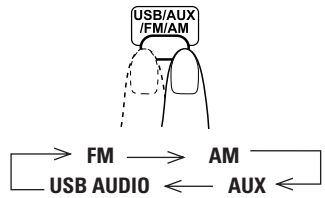
- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**

How to install the USB drivers

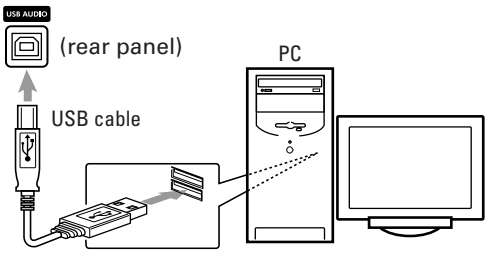
1 Turn on your PC and start running Windows® 98SE, Windows® Me, Windows® 2000, or Windows® XP.

- *If the PC has been turned on, quit all the applications running.*

2 Select USB AUDIO for the source.



3 Connect the System to the PC using a USB cable (not supplied).



- *Use "USB series A plug to B plug" cable.*

4 The USB drivers are installed automatically.

To play back sounds on the PC

Refer to the manuals supplied with the sound reproducing application installed in the PC.

* *Microsoft®, Windows® 98SE, Windows® Me, Windows® 2000 and Windows® XP are registered trademarks of Microsoft corporation.*

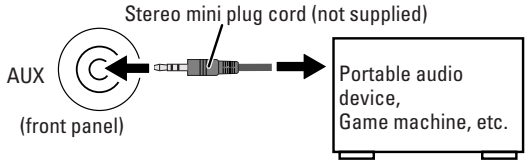
memo

- *DO NOT turn off the unit or disconnect the USB cable while installing the drivers and for several seconds while your PC is recognizing the receiver.*
- *Use a full speed USB cable (version 1.1). Recommended cord length is shorter than approximately 2 m.*
- *If your PC does not recognize the unit, disconnect the USB cable and connect it again. If it does not work yet, restart Windows.*
- *The installed drivers can be recognized only when the USB cable is connected between the unit and your PC.*
- *The sound may not be played back correctly—interrupted or degraded—due to your PC settings and PC specifications.*

Playing Back from Other Equipment

To connect other equipment

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



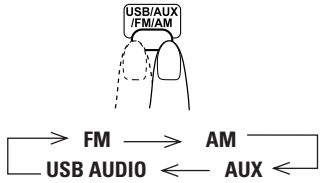
If the audio output on the other equipment is not stereo mini plug type,
Use a plug adapter to convert the stereo mini plug to the corresponding plug to the audio output.

- *Refer to the manuals supplied with the other equipment.*

IMPORTANT

- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**

To select other equipment for the source

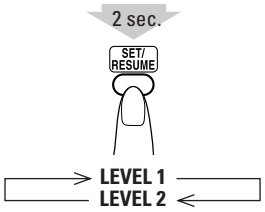


To adjust the sound input level from other equipment

You can adjust the sound input level from the connected equipment, if the incoming signal is too small or too large.

1 **Select AUX for the source.**

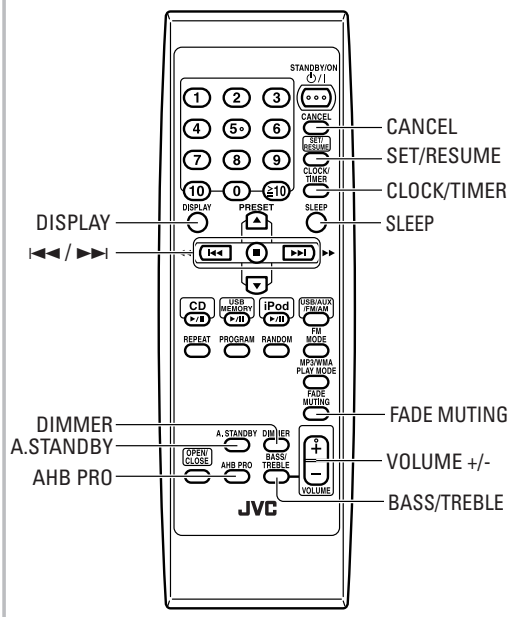
2 **Adjust the input level.**



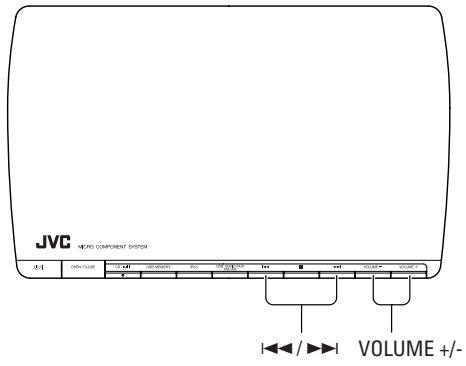
LEVEL 1: Decreased input level.
Suitable for equipment with high output level (such as a DVD player).

LEVEL 2: Ordinary input level (factory setting).
Suitable for equipment with low output level (such as a portable audio device).

Remote control

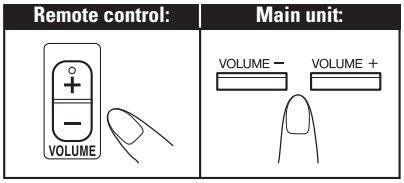


Main unit



Adjusting the Volume

You can adjust the volume level from level 0 (VOLUME-MIN) to level 30 (VOLUME-MAX).



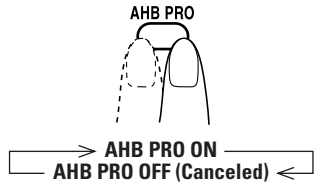
To drop the volume in a moment

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

Adjusting the Sound

To reinforce the bass sound — AHB PRO

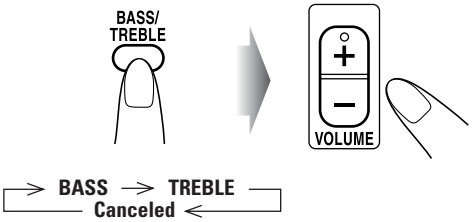
You can reinforce the bass sound to maintain rich, full bass at low volume.



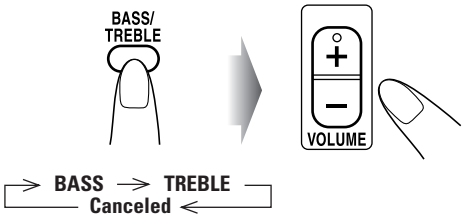
To adjust the tone — BASS/TREBLE

You can adjust the bass and treble level from 0 to +5/-5.

To adjust the bass

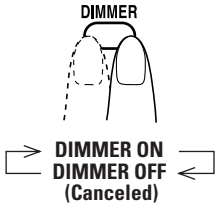


To adjust the treble



Changing the Display Brightness — DIMMER

You can dim the display window.

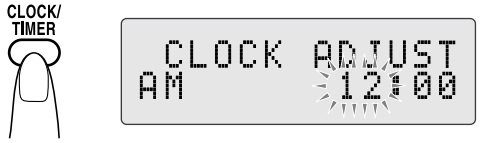


Setting the Clock

Without setting the built-in clock, you cannot use the Daily Timer and sleep Timer (see page 23).

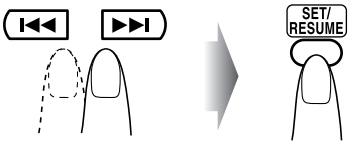
- *To exit from the clock setting, press CLOCK/TIMER as required.*
- *To go back to the previous step, press CANCEL.*

1 Activate the clock setting mode.

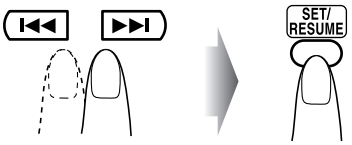


- *If you have already adjusted the clock before, press the button repeatedly until the clock setting mode (see page 23) is selected.*

2 Adjust the hour.

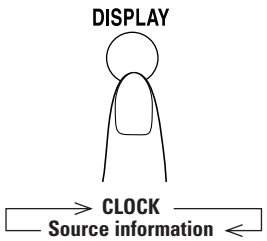


3 Adjust the minute.



The built-in clock starts working.

To check the current time during play



If there is a power failure

The clock loses its setting and blinks. You need to set the clock again.

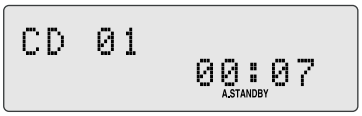
Turning Off the Power Automatically

Remote ONLY

To turn off the System after playback is over — Auto Standby

This function works only when the source is CD.

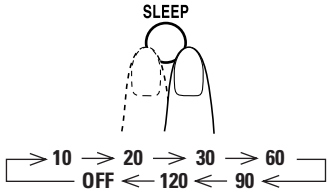
When Auto Standby is in use, the A.STANDBY indicator lights on the display.



When the disc playback 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.

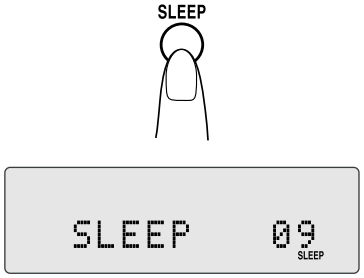
To turn off the System after a certain period of time — Sleep Timer

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



2 **Wait until the set time goes off.**

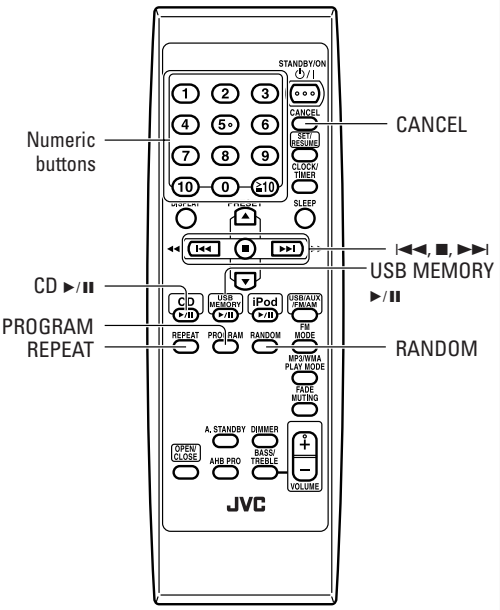
❍ ***To check the time remaining before the shut-off time***



- *If you press the button repeatedly, you can change the shutoff time.*

Advanced Disc/USB mass storage class device Operations

Remote control



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.*

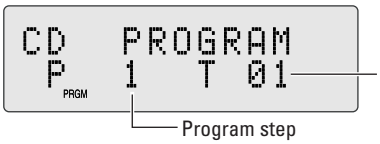
1 Before starting playback, press PROGRAM.

For CD

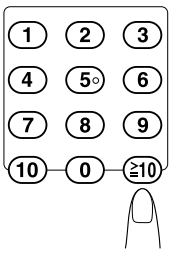
For MP3/WMA

2 Select tracks you want for Program Play.

For CD



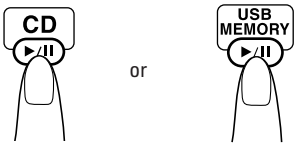
For MP3/WMA
Select the group first, then the track.



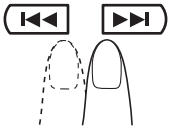
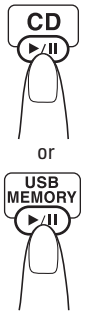
Examples:
To select track number 5, press 5.
To select track number 15, press ≧10 → 1 → 5.
To select track number 20, press ≧10 → 2 → 0.
To select track number 125 (for MP3/WMA only), press ≧10 → 1 → 2 → 5.

3 Repeat steps 2 to program the other tracks.

4 Start playback.



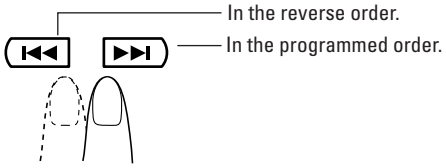
The tracks you have selected are played back in the order you have programmed.

To skip a track:	To pause:	To stop:
		

To release, press again.

To check the programmed contents

While the PRGM indicator is shown on the display and before play back...



To modify the program

While the PRGM indicator is shown on the display and before play back...

To erase the last step:

To add steps in the program:

Repeat Step 2 on page 20.

To exit from Program Play

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

To erase the entire program

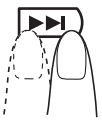
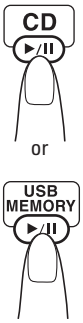
While the PRGM indicator is shown on the display and before play back...

Press stop button or open CD door.

Playing at Random — Random Play

You can play back all the tracks on the disc and the USB mass storage class device at random.

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.	

- *Pressing ⏮ goes to the beginning of the current track.*
- *You can repeat All tracks (↻ All) by pressing REPEAT.*

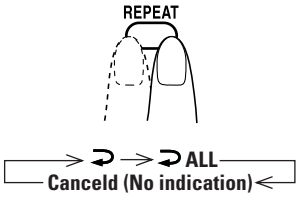
To exit from Random Play

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

Playing Repeatedly — Repeat Play

Remote ONLY

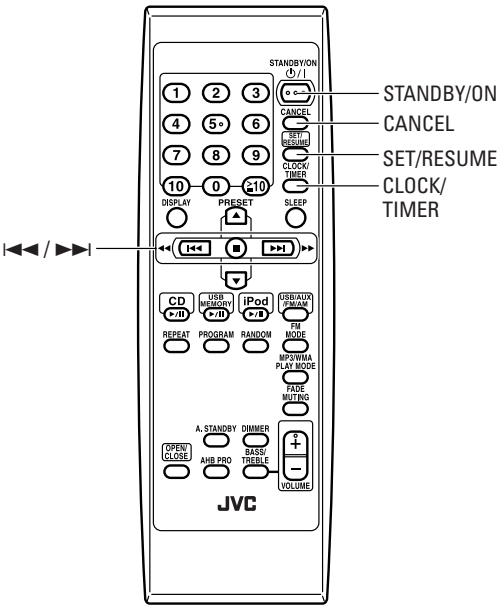
You can repeat playback.



↻	CD MP3/WMA (Track mode)	Repeats the current track.
	MP3/WMA (Group mode)	Repeats all the tracks in the current group (for MP3/WMA playback mode in “GROUP” only).
↻ ALL	CD MP3/WMA	Repeats all the tracks.

Timer Operations

Remote control



Setting the Timer

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

- *To exit from the timer setting, press CLOCK/TIMER repeatedly until the current status (normal operation) is displayed.*
- *To correct a misentry during the process, press CANCEL.*
  You can return to the previous step.

How Daily Timer actually works

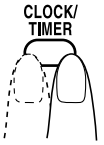
Once the Daily Timer has been set, the timer indicator ◷ are lit on the display. Daily Timer is activated at the same time everyday until the timer is turned off manually (see the next column).

When the on-time comes

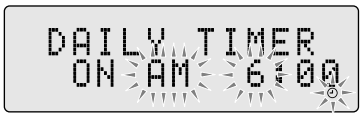
The System turns on, tunes in to the selected source, and sets the volume level to the preset level.

- *When selecting "FM (AM) – –," the last tuned station will be selected for Daily Timer.*
- *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.*

1 Select the timer setting.

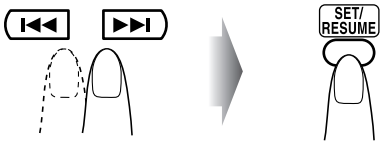


Current timer settings → Timer setting → Clock setting (see page 18) → Canceled (normal display)



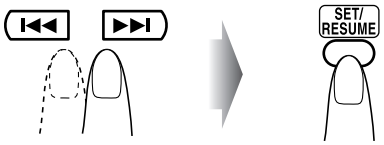
2 Make the timer setting as you want.

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



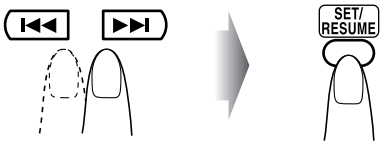
② Set the hour then the minute for off-time in the same manner.

③ Select the playback source—"TUNER FM," "TUNER AM," "CD," "USB MEMORY," "AUX" or "iPod".



When selecting tuner: Select a preset number or "FM (AM) – –" by pressing |◄◄ / ►►| then press SET/RESUME.
When you want to listen to sound from other equipment, you cannot use the Daily timer function to start playback on any equipment other than this product.

④ Set the volume.



- *"SET OK" appears on the display followed by the timer settings you have entered.*

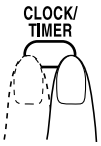
3 Turn off the System (on standby) if you have set the timer with the System turned on.

Display is turned off. The STANDBY lamp blinks slowly until the setting time comes.

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 the Timer setting.



Current timer settings → Timer Setting → Clock setting (see page 18) → Canceled (normal display)

2 Turn off the Timer.

The timer indicator ◷ turns off on the display and Daily Timer is canceled.

To turn on the Timer again, select "Current timer settings" in step 1 and press SET/RESUME.

Additional Information

Learning More about This System

Daily Operations—Playback (see pages 9 to 16)

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/USB mass storage class device:

- *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 999 tracks and of 500 groups. 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.*

Daily Operations — Sound & Other Adjustments (see pages 17o 19)

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:

- *The clock blinks 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/USB mass storage class device (see pages 20 to 22)

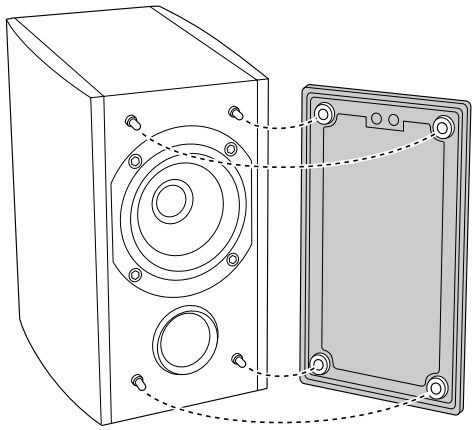
Programming the Playing Order — Program Play:

- *If you try to program a 32nd track, "FULL MEMORY" 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 23 to 24)

- *When you unplug the AC power cord or if a power failure occurs, the timer settings you entered will remain only a couple of days. If the timer settings are erased, you need to set the clock first, then the timer again.*
- *If you activate Sleep Timer, Daily Timer, and Auto Standby simultaneously, the function that is set for the earliest time will be performed.*
- *The on-time and off-time of the Daily Timer cannot be set to the same time.*

To remove the speaker grilles



Troubleshooting

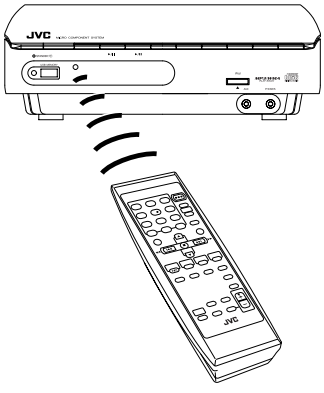
If you are having a problem with your System, check this list for a possible solution before calling for service.

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 font 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 7).*
⇨ *Headphones are connected (see page 9).*

***Sound from PC connected with a USB cable has some noise. (See** page 15)*
⇨ *PC is subjected to excessive load due to using other applications. Close the applications you do not use.*
⇨ *PC is connected via USB Hub. Connect the PC directly to the main unit with a USB cable.*

Radio Operations:

Hard to listen to broadcasts because of noise (see pages 4 to 7).
⇨ *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/USB mass storage class device Operations:

The disc does not play.
⇨ *The disc is placed upside down. Place the disc with the label side up.*

MP3/WMA tracks do not play.
⇨ *Track names have the initial letter ".".*

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

The disc cover does not open or close.
⇨ *The AC power cord is not plugged in.*

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.*
Timer starts working only when the System is turned off.
⇨ *There might have been a power failure.*
Set the clock first, then the timer again.

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

Terminals

Input Sensitivity/Impedance (1 kHz)

AUX IN	LEVEL1 500 mV/47 kΩ LEVEL2 125 mV/47 kΩ
USB Audio	ver. 1.1
USB Host	ver. 1.1
Compatible device	Mass Storage Class
Compatible file system	FAT16, FAT32
Bus power supply	Max. 5V/500 mA
Compatible iPod types	See Page 12
Bus power supply	Max. 5V/500 mA
Speaker terminals	6 Ω - 16 Ω
Phones	32 Ω - 1 kΩ 15 mW/ch output into 32 Ω

CD Player

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	260 mm × 75 mm × 185 mm (10-1/4" × 3" × 7-5/16") (W/H/D)
Mass	Approx. 2.1 kg (4.7 lbs)

Speaker Specifications (each unit)

SP-UXEP25

Type	Full range bass-reflex type
Speaker Unit	8 cm (3-3/16") cone × 1
Power handling Capacity	10 W
Impedance	6 Ω
Frequency Range	135 Hz - 18 kHz
Sound pressure level	83 dB/W • m
Dimensions	118 mm × 197 mm × 165 mm (4-11/16" × 7-13/16" × 6-1/2") (W/H/D)
Mass	Approx. 1.3 kg (2.9 lbs)

Accessories

See page 4

Power Specifications

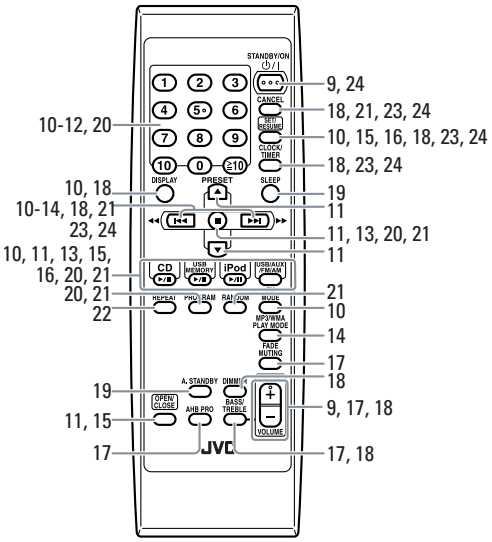
Power Requirements	AC 120 V ∿ 60 Hz
Power Consumption	35 W (power on mode) 1.5 W (in Standby mode)

Design and specifications are subject to change without notice.

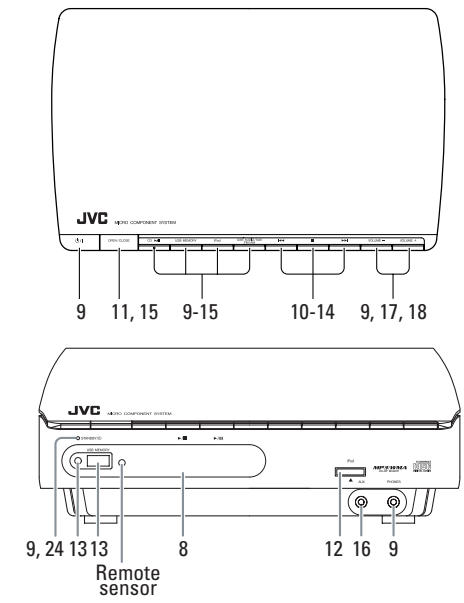
Parts Index

Refer to the pages to see how to use the buttons and controls.

Remote control



Main unit



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.

BT-51018-5
(0306)

JVC®

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	LABOR
1 YR	**1 YR**

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, INCONVIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTAL (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 : _____

UX-EP25 | MICRO COMPONENT SYSTEM

JVC

EN

© 2006 Victor Company of Japan, Limited

0706NYMCREBET

JVC

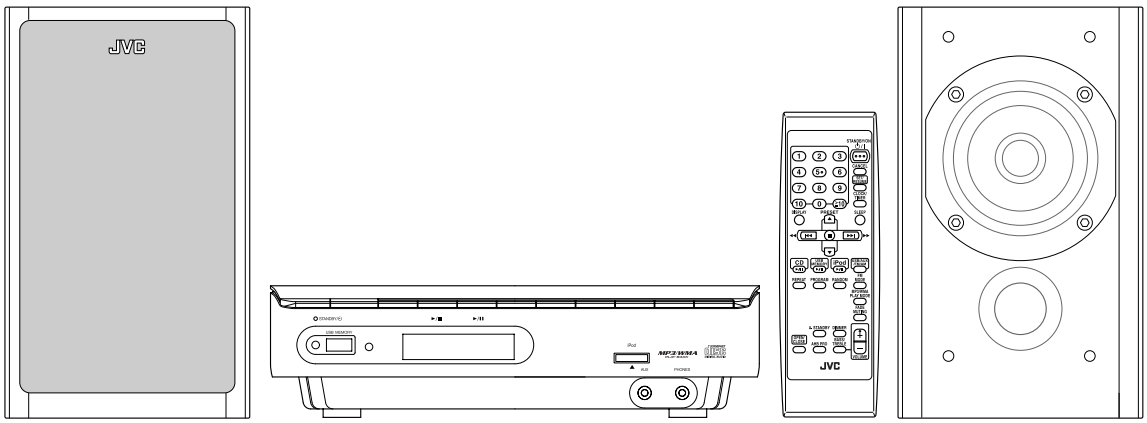
English

Français

MICRO COMPONENT SYSTEM
SYSTEME DE MICROCOMPOSANTS

UX-EP25

— Consists of CA-UXEP25 and SP-UXEP25
— Composée du CA-UXEP25 et du SP-UXEP25



COMPACT disc DIGITAL AUDIO

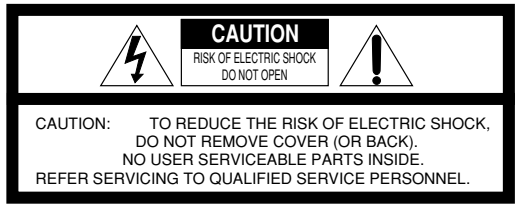
MP3/WMA PLAYBACK

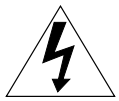
Made for iPod

INSTRUCTIONS
MANUEL D'INSTRUCTIONS

LVT1598-002C
[C]

(For U.S.A.)





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.

(For U.S.A.)

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'eviter tout risque d'electrocution, 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 a la pluie ni a l'humidite.

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 button in any position does not disconnect the mains line.

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

The power can be remote controlled.

ATTENTION—Touche ⏻/I (STANDBY/ON)!

Deconnectez la fiche secteur pour mettre l'appareil completement hors tension (tous les temoins et toutes les indications s'eteignent). Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. La touche ⏻/I dans n'importe quelle position ne deconnecte pas l'appareil du secteur.

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

L'alimentation ne peut pas etre commandee a distance.

(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.)

For the main unit:
Declaration of Conformity

Model Number: UX-EP25
Trade Name: JVC
Responsible Party: JVC Americas Corp.
Address: 1700 Valley Road, Wayne New Jersey 07470
Telephone Number: 973-317-5000

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

(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 NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMIRIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR; "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

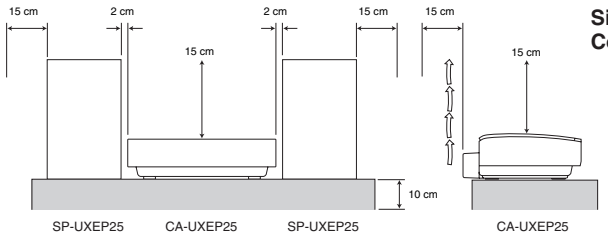
Caution: Proper Ventilation

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 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**
A cooling fan is mounted on the right side of the unit to prevent abnormal temperature inside the unit, thus assuring normal operation of the unit. The cooling fan automatically starts rotating to intake external cool air when the volume is increased up to more than a certain level.

* **À propos du ventilateur de refroidissement**
Un ventilateur de refroidissement se trouve sur le panneau arrière de l'appareil afin d'éviter la création d'une température anormale à l'intérieur de l'appareil et permettre ainsi un fonctionnement normal de l'appareil. Le ventilateur de refroidissement commence à tourner et à aspirer de l'air frais automatiquement quand le volume est augmenté au-dessus d'un certain niveau.

IMPORTANT FOR LASER PRODUCTS / IMPORTANT POUR PRODUITS LASER

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:** (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. 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	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	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)	VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44803-003A

CAUTION

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

ATTENTION

- 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.)
- Ne placez aucune source de flamme nue, telle qu'une bougie, sur l'appareil.
- 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.
- 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.

Cautions and other information on the device are shown on the bottom of the unit. Please read them carefully before starting operation of the unit.

Des précautions et autres informations relatives au dispositif se trouvent sur le dessous de l'unité. Veuillez lire attentivement ces informations avant d'utiliser votre unité pour la première fois.

[European Union only]
[Union europeenne seulement]

English

Contents

Introduction 2

Precautions 2
How to Read This Manual 3

Getting Started 4

Step 1: Unpack 4
Step 2: Prepare the Remote Control 4
Step 3: Hook Up 5
To assemble and connect the AM loop antenna 7
To connect the speaker cords 7

Before Operating the System 8

Daily Operations— Playback — 9

Listening to the Radio 10
Playing Back a Disc 11
Playing back from iPod 12
Playing Back from the USB mass storage class device 13
Playing Back from the PC 15
Playing Back from Other Equipment 16

Daily Operations— Sound & Other Adjustments — 17

Adjusting the Volume 17
Adjusting the Sound (Remote Only) 17
Changing the Display Brightness — DIMMER (Remote Only) 18
Setting the Clock (Remote Only) 18
Turning Off the Power Automatically (Remote Only) 19

Advanced Disc/USB mass storage class device Operations 20

Programming the Playing Order — Program Play (Remote Only) 20
Playing at Random — Random Play (Remote Only) 21
Playing Repeatedly — Repeat Play (Remote Only) 22

Timer Operations 23

Setting the Timer (Remote Only) 23

Additional Information 25

Learning More about This System 25
Troubleshooting 26
Maintenance 27
Specifications 27
Parts Index 28

Introduction

Thank you for purchasing the JVC Micro Component System.
We hope it will be a valued addition to your home, giving you years of enjoyment.
Be sure to read this instruction manual carefully before operating your new stereo system.
In it you will find all the information you need to set up and use the system.
If you have a query that is not answered by the manual, please contact your dealer.

Precautions

Installation

- *Install in a place which is level, dry and neither too hot nor too cold—between 5°C and 35°C.*
- *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 right side of the unit to prevent heat buildup inside the main unit (see page G-2).*

For safety, observe the following carefully:

- Make sure there is good ventilation 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.*

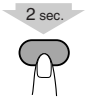
DO NOT disassemble the System since there are no user serviceable parts inside.

- *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.*

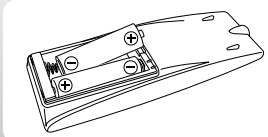
	Indicates that you press the button **briefly**.
	Indicates that you press the button **briefly and repeatedly** until an option you want is selected.
	Indicates that you press one of the buttons.
	Indicates that you **press and hold** the button for specified seconds. • *The number above indicates the period of press (in this example, 2 seconds).* • *If no number is indicated,press and hold until the entire procedure is complete or until you get a result you want.*

	Indicates that this operation is only possible using the remote control.

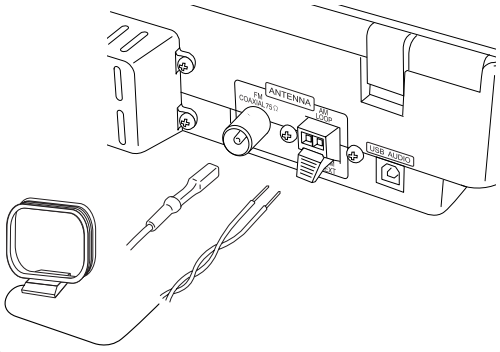
Getting Started

Step 1: Unpack the package and check the accessories.

Step 2: Prepare the remote control.



Step 3: Hook up the components such as AM/FM antennas, speakers, etc. (see pages 5 to 7).



Finally plug the AC power cord.
Now you can operate the System.

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.

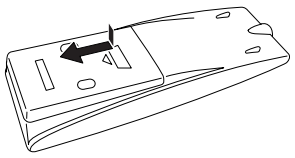
- *FM antenna (1)*
- *AM loop antenna (1)*
- *Speaker cords (2)*
- *Remote control (1)*
- *Batteries (2)*
- *iPod connection cable (1)*
- *iPod stand (1)*

If any item is missing, consult your dealer immediately.

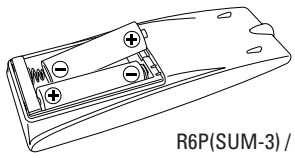
Step 2: Prepare the Remote Control

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

1

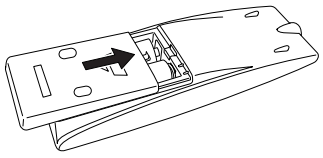


2



R6P(SUM-3) / AA (15F)

3



- DO NOT use an old battery together with a new one.
- DO NOT use different types of batteries together.
- DO NOT expose batteries to heat or flame.
- DO NOT leave the batteries in the battery compartment when you are not going to use the remote control for an extended period of time. Otherwise, the remote control will be damaged from battery leakage.

English

Step 3

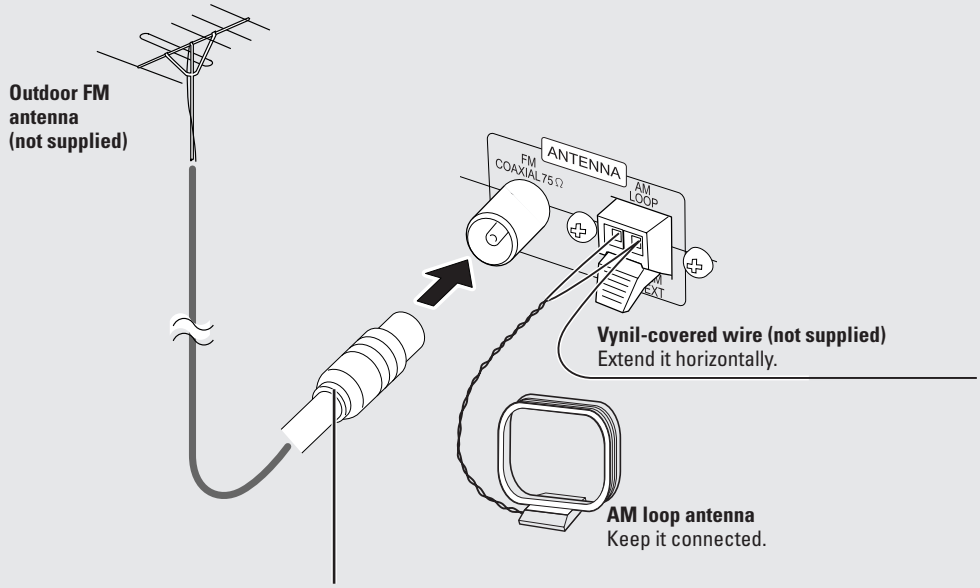
Hook Up

If you need more detailed information, see page 7.

Illustrations of the input/output terminals below are typical examples.
When you connect other components, refer also to their manuals since the terminal names actually printed on the rear may vary.

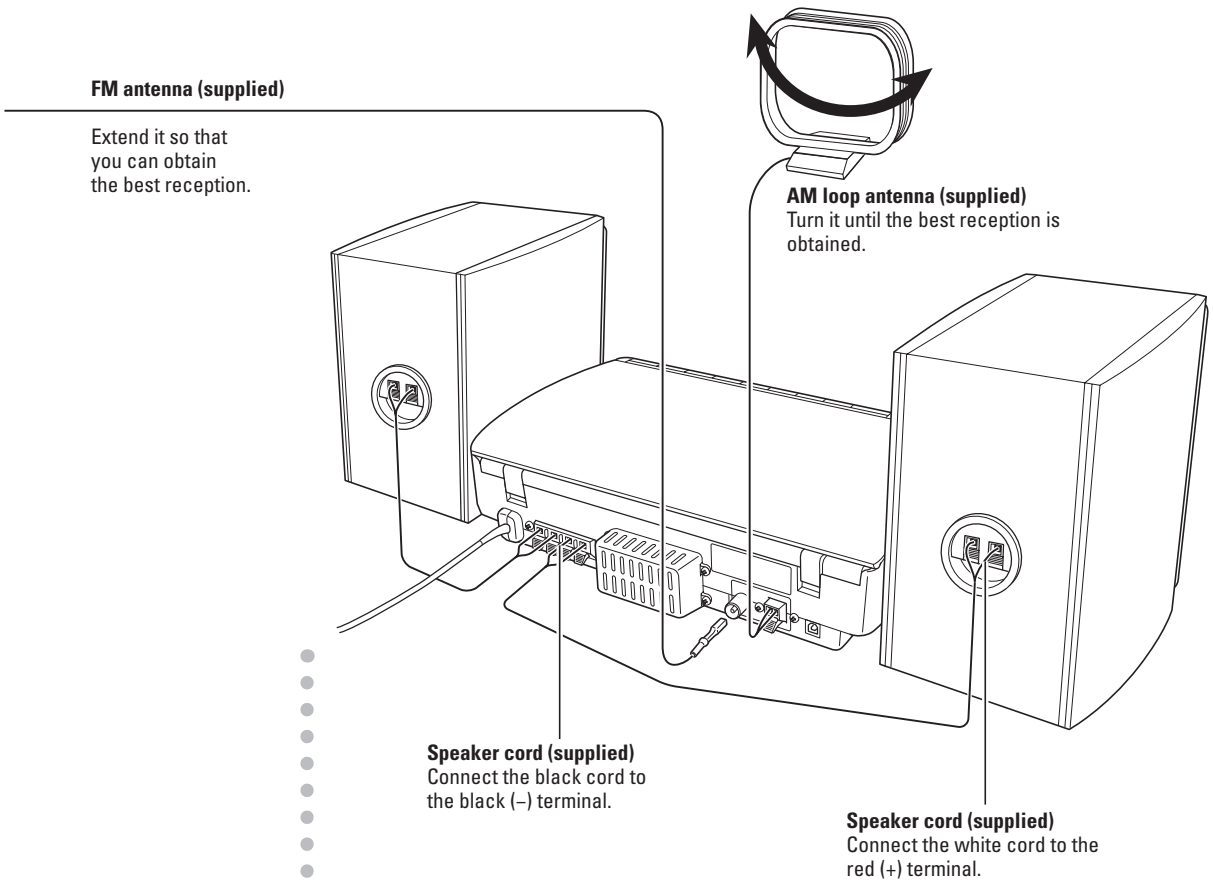
Turn the power off to all components before connections.

For better FM/AM reception



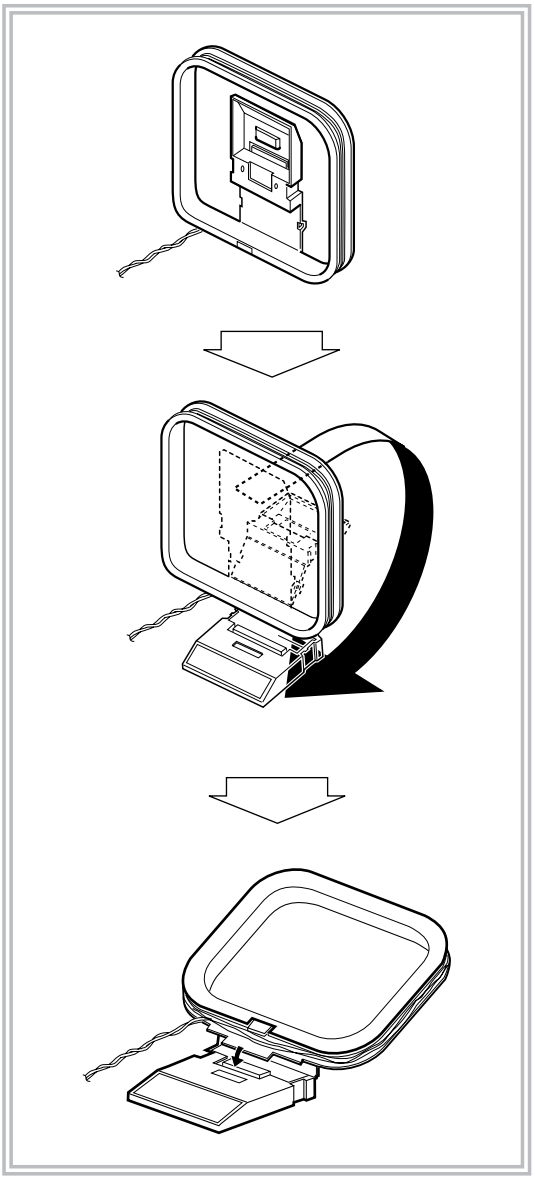
Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector.

To a wall outlet
Plug the AC power cord only after all connections are complete.


FM antenna (supplied)
Extend it so that you can obtain the best reception.
AM loop antenna (supplied)
Turn it until the best reception is obtained.
Speaker cord (supplied)
Connect the black cord to the black (–) terminal.
Speaker cord (supplied)
Connect the white cord to the red (+) terminal.

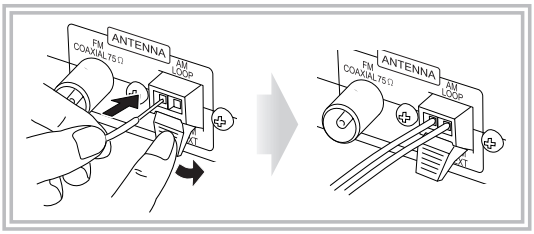
To assemble and connect the AM loop antenna

To assemble the AM loop antenna



To connect the AM loop antenna

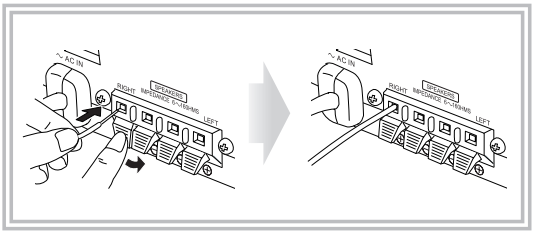
Make sure to connect the wire correctly.



- *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.*

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.

Red (+) terminal : white cord of the speaker cord

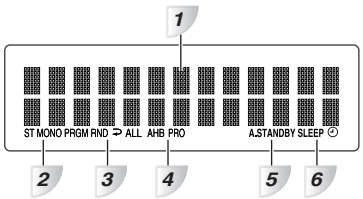
Black (–) terminal : black cord of the speaker cord

STOP!

- 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.

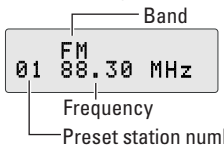
Before Operating the System

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.

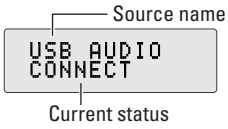


Indications on the main display

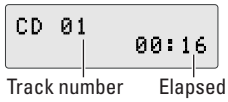
While listening to radio:



While selecting USB:

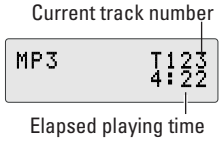


While playing a CD:

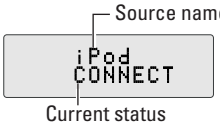


While selecting AUX:

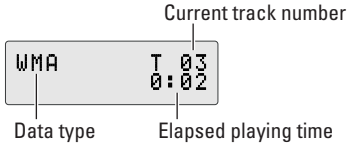
While playing an MP3*:



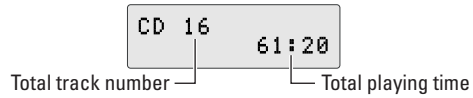
While selecting iPod:



While selecting USB MEMORY (WMA*):

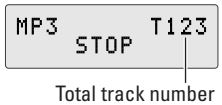


While disc play is stopped:

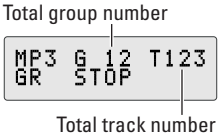


MP3/WMA:

•While in “TRACK” mode:



•While in “GROUP” mode:



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

1 Main display

2 FM reception indicators

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

3 Play mode indicators

- *PRGM (program): Lights when Program Play mode is activated.*
- *RND: Lights when Random Play mode is activated.*
- *⮌ : Lights when Repeat mode is activated.*
  - *– ⮌ : Repeats the current track.*
    (in GROUP mode): Repeats all tracks in the current group.
  - *– ALL: Repeats all tracks on the disc.*

4 AHB PRO (Active Hyper Bass Pro) indicator

- *Lights when the AHB PRO is activated (see page 17).*

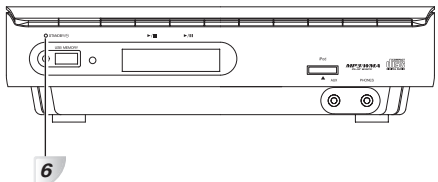
5 A (auto). STANDBY indicator

- *Lights when Auto Standby is activated.*
- *Flashes when disc playback stops with Auto Standby activated.*

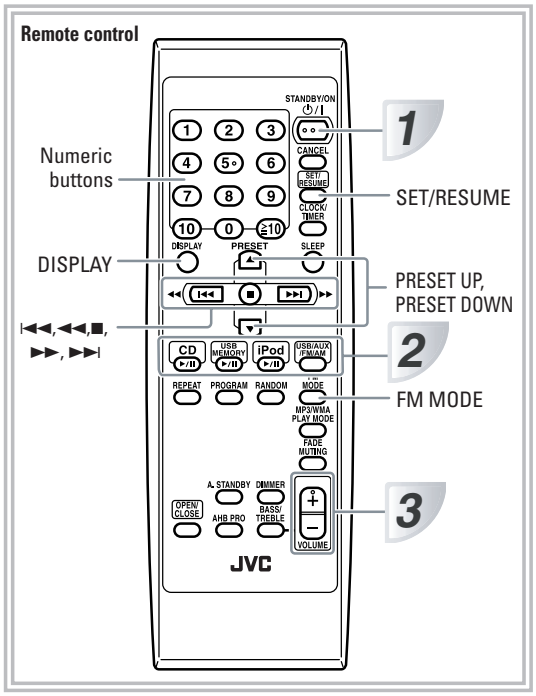
6 Timer indicators

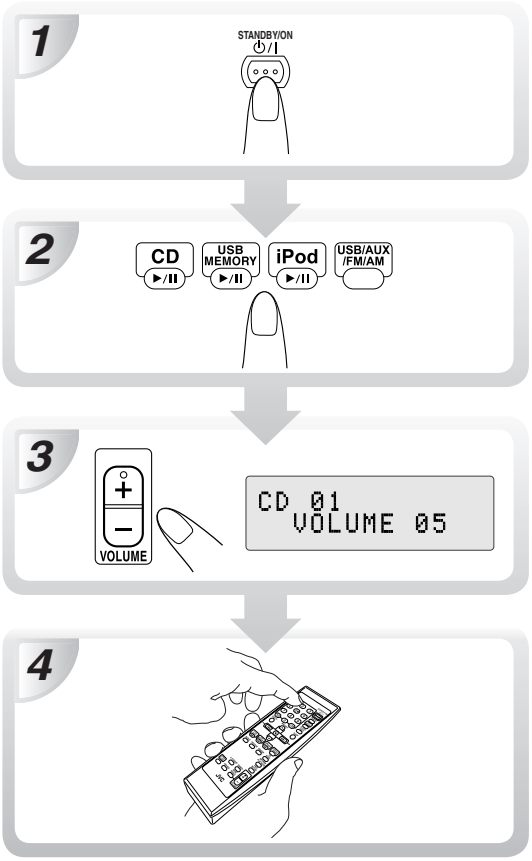
- *SLEEP: Lights when the Sleep Timer is activated.*
- *⏲: Lights when Daily Timer stands by; flashes while working.*
- *STANDBY/⏲: Flashes slowly when the timer is ON.*

Indications on the main unit



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 USB MEMORY, iPod or USB/AUX/FM/AM, 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 System

The STANDBY lamp on the main unit lights up.

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

- *The STANDBY lamp blinks slowly when the timer is on.*

For private listening

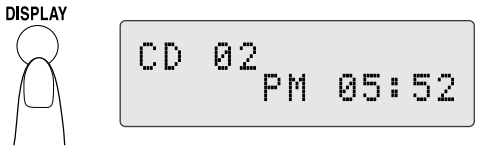
Connect a pair of headphones to the PHONES jack on the main unit. The sound will no longer come out of the speakers. Be sure to turn down the volume before connecting or putting the headphones.

- *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.

To display the clock indication

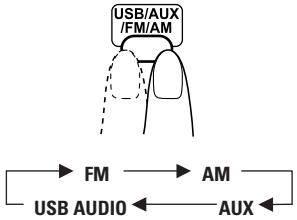
While the System is turned on...



- *Press the button again, to return to the source information.*

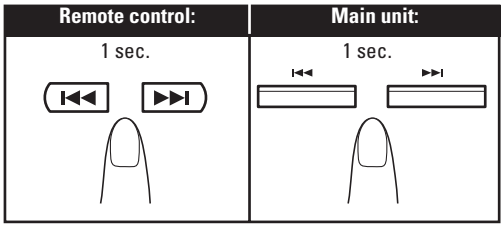
Listening to the Radio

To select the band (FM or AM)



To tune in to a station

While FM or AM is selected...

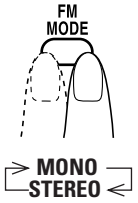


Frequency starts changing on the display. When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

- *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.
STEREO :	Normally select this. Stereo effect will be resumed.

To restore the stereo effect, press the button again (the MONO indicator goes off).

To preset the stations

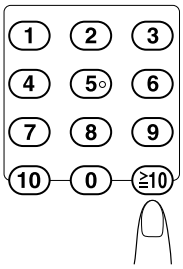
You can preset 30 FM and 15 AM stations.

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.



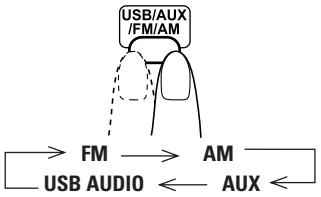
Examples:
To select preset number 5, press 5.
To select preset number 15, press ≧10 → 1 → 5.
To select preset number 20, press ≧10 → 2 → 0.

4 Store the station.

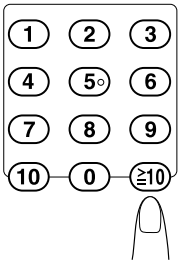
To tune in to a preset station

Remote ONLY

1 Select a band (FM or AM).



2 Select a preset number for the station you store.



- *You can also use the PRESET ▲/▼.*

Playable media and files

This system can playback following types of media and files.

Media	Audio CD, CD-R/RW, USB mass storage class device
File format	MP3, WMA

Audio CD	CD-R	CD-RW
COMPACT disc DIGITAL AUDIO	COMPACT disc DIGITAL AUDIO Recordable	COMPACT disc DIGITAL AUDIO ReWritable

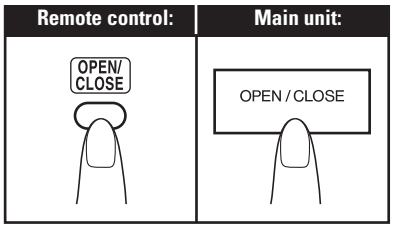
- *This System may not playback some USB mass storage class devices and does not support DRM (Digital Rights Management).*
- *This system may not playback some files even though their formats are listed above.*
- *Caution for DualDisc playback*
  The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

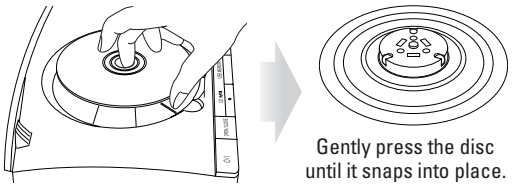
Playing Back a Disc

This System can playback the following discs—regular CD and CD-R/CD-RW (recorded either in the audio CD, MP3, or WMA format).

To set a disc

You can set a disc while playing another source.
Press the OPEN/CLOSE button.

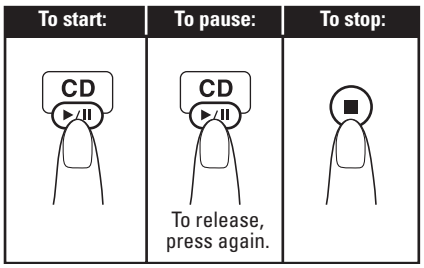




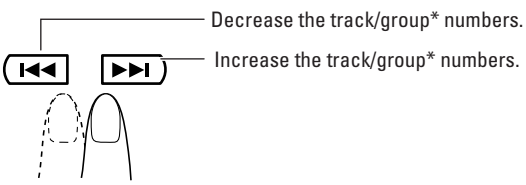
Gently press the disc until it snaps into place.

To close the disc cover, press the OPEN/CLOSE button again.

- *When the cover is open, pressing CD ►/II closes the cover and the playback starts.*



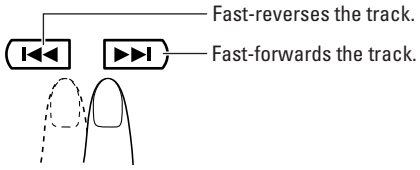
To select a track/group*



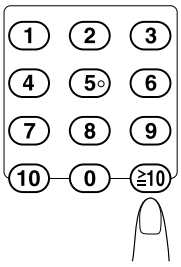
** For details about the group selection, see "For MP3/WMA playback" on page 14.*

To locate a particular portion

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



To locate a track directly and start play



Examples:
To select track number 5, press 5.
To select track number 15, press ≧10 → 1 → 5.
To select track number 20, press ≧10 → 2 → 0.
To select track number 125 (for MP3/WMA only), press ≧10 → 1 → 2 → 5.

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.*

IMPORTANT

- **The iPod battery is charged while the System is turned on. See the iPod instruction manual about battery charging.**
- **If you connect an iPod to the iPod terminal and a USB mass storage class device to the USB MEMORY terminal at the same time, the system might be overloaded.**
- **Sound distortion may occur when playing back audio sources with high recording levels. Adjusting the iPod's equalizer to "flat" is recommended. 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.**
- **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 connecter pins directly. It might cause damages to the connector part.**
- **Remove the iPod from the cable when you do not use.**
- **Compatible iPod types:**

iPod nano 1G/2G/4G
iPod mini
iPod (4th Generation) 20G/40G
iPod photo (4th Generation) 20G/30G/40G/60G
iPod video (5th Generation) 30G/60G

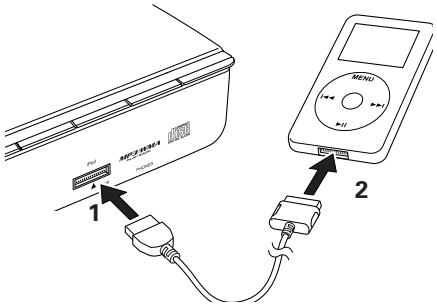
If the iPod does not play correctly, please update your iPod software to the latest version.
- For details about updating your iPod, check on the Apple web site <http://www.apple.com>.

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

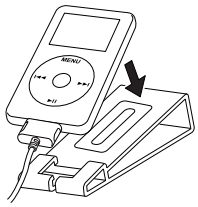
To Connect iPod

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

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

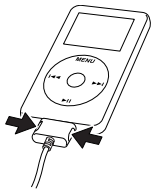


You can place the iPod on the supplied iPod stand.

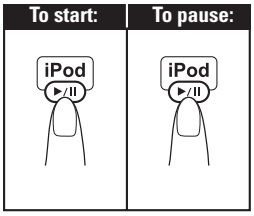


When disconnecting the iPod, make sure that the System is turned off.

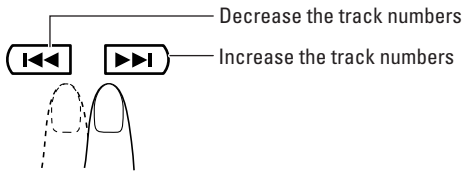
To remove the connector from your iPod, squeeze the buttons on the sides and pull.



To playback sounds on the iPod



To select a track



Search... Press and hold I◄◄ or ►►I.
OFF... Press and hold ►/II.

Playing Back from the USB mass storage class device

This System is equipped with a USB MEMORY terminal on the front panel. You can connect a USB mass storage class device such as a USB flash memory device, Degital Audio Player (DAP), etc. to this System. This System cannot recognize a USB mass storage class device whose rating exceeds 5V/500mA.

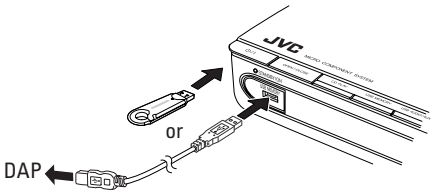
- *Remember you cannot send any data to your USB mass storage class device from this System.*

IMPORTANT

- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**
- **Connect the USB mass stotrage class device directly to the system. Using a USB hub may result in malfunction.**
- **Coded or encrypted tracks in a special method cannot be played on the unit.**
- **The USB mass storage device's battery is charged while the System is turned on.**

To connect the USB mass storage class device

When connecting a USB mass storage class device, refer also to its manual.

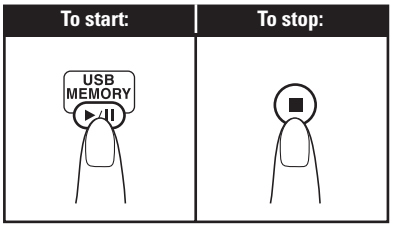


- *When disconnecting the USB mass storage class device, make sure that the System is in the stop condition.*

To playback sounds on the USB mass storage class device

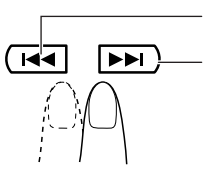
IMPORTANT

- **An iPod does not play on the USB MEMORY terminal. "RESTRICT" appears on the display when an iPod is connected to the USB MEMORY terminal while USB MEMORY is selected for the source.**



- *The USB MEMORY lamp on the left of the USB MEMORY terminal flashes while USB MEMORY is selected for the source.*

To select a track/group*

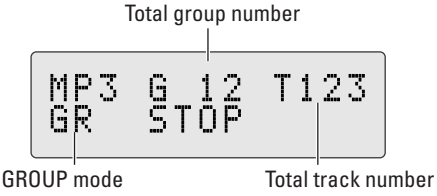


* *For details about the group selection, see "For MP3/WMA playback" on this page.*

For MP3/WMA playback

According to the MP3/WMA playback mode, ⏮ / ⏭ or number buttons 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 PLAY MODE.

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

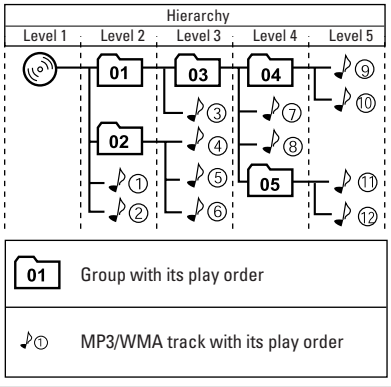
TRACK MODE
GROUP MODE

TRACK: ⏮ / ⏭, and number buttons work for the track selection of the MP3/WMA.

GROUP: ⏮ / ⏭, and number buttons work for the group selection of the MP3/WMA.

MP3/WMA groups/tracks configuration

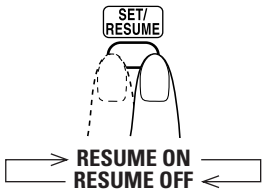
This System plays back MP3/WMA tracks as follows. The play order in the figure is for MP3/WMA tracks on the disc.
MP3/WMA tracks on USB mass storage class device may be played back differently.



Resume Play for MP3/WMA

If you press ■ while playing MP3/WMA, the number of the track where you have stopped playback will be memorized by the unit.
By pressing CD ►/II or USB MEMORY ►/II, you can start playback again from the beginning of the same track.

To activate/cancel resume play (Remote ONLY)



memo

- *Pressing OPEN/CLOSE (for Disc), or disconnecting the USB mass storage class device will erase the track number for resume play.*
- *To play back from the first track while resume play is activated, press ■ twice during playback.*

Playing Back from the PC

This System is equipped with a USB terminal on the rear panel. You can connect your PC to this terminal and enjoy the sound out of your PC. When you connect your PC for the first time, follow the procedure below.

- *Remember you cannot send any signal or data to your PC from this System.*

IMPORTANT

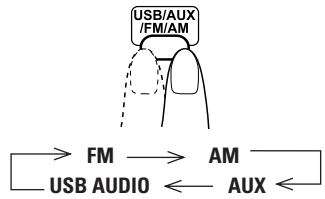
- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**

How to install the USB drivers

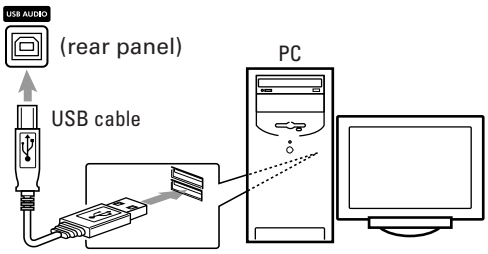
1 Turn on your PC and start running Windows® 98SE, Windows® Me, Windows® 2000, or Windows® XP.

- *If the PC has been turned on, quit all the applications running.*

2 Select USB AUDIO for the source.



3 Connect the System to the PC using a USB cable (not supplied).



- *Use "USB series A plug to B plug" cable.*

4 The USB drivers are installed automatically.

To play back sounds on the PC

Refer to the manuals supplied with the sound reproducing application installed in the PC.

* *Microsoft®, Windows® 98SE, Windows® Me, Windows® 2000 and Windows® XP are registered trademarks of Microsoft corporation.*

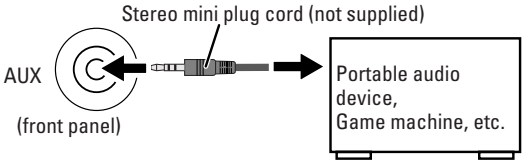
memo

- *DO NOT turn off the unit or disconnect the USB cable while installing the drivers and for several seconds while your PC is recognizing the receiver.*
- *Use a full speed USB cable (version 1.1). Recommended cord length is shorter than approximately 2 m.*
- *If your PC does not recognize the unit, disconnect the USB cable and connect it again. If it does not work yet, restart Windows.*
- *The installed drivers can be recognized only when the USB cable is connected between the unit and your PC.*
- *The sound may not be played back correctly—interrupted or degraded—due to your PC settings and PC specifications.*

Playing Back from Other Equipment

To connect other equipment

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



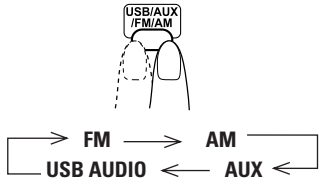
If the audio output on the other equipment is not stereo mini plug type,
Use a plug adapter to convert the stereo mini plug to the corresponding plug to the audio output.

- *Refer to the manuals supplied with the other equipment.*

IMPORTANT

- **Always set volume to "VOLUME MIN" when connecting or disconnecting the other equipment.**

To select other equipment for the source

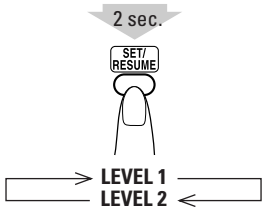


To adjust the sound input level from other equipment

You can adjust the sound input level from the connected equipment, if the incoming signal is too small or too large.

1 **Select AUX for the source.**

2 **Adjust the input level.**

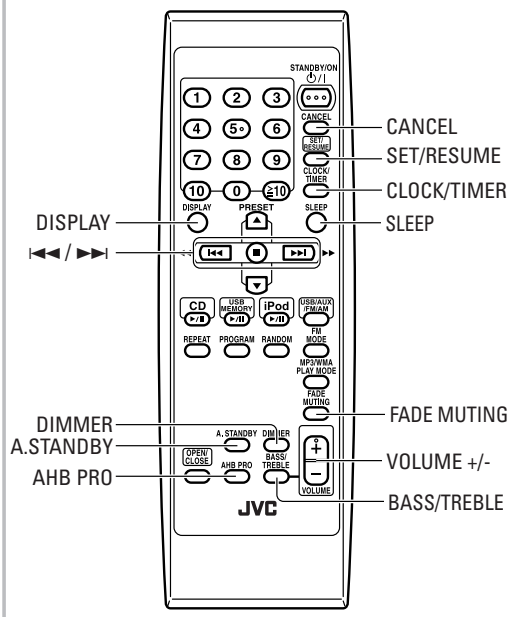


LEVEL 1: Decreased input level.
Suitable for equipment with high output level (such as a DVD player).

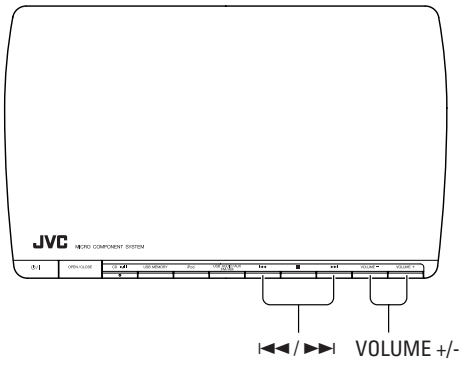
LEVEL 2: Ordinary input level (factory setting).
Suitable for equipment with low output level (such as a portable audio device).

Daily Operations —Sound & Other Adjustments—

Remote control

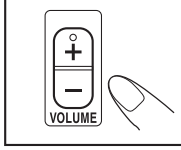
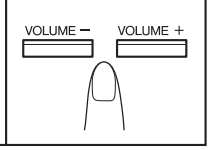


Main unit



Adjusting the Volume

You can adjust the volume level from level 0 (VOLUME-MIN) to level 30 (VOLUME-MAX).

Remote control:	Main unit:
	

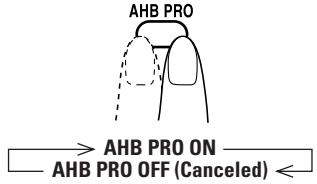
To drop the volume in a moment

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

Adjusting the Sound

To reinforce the bass sound — AHB PRO

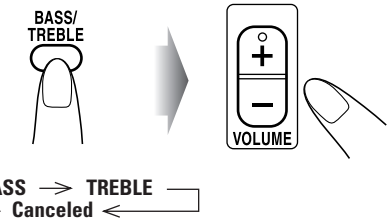
You can reinforce the bass sound to maintain rich, full bass at low volume.



To adjust the tone — BASS/TREBLE

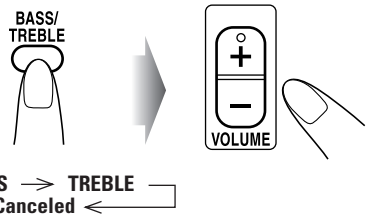
You can adjust the bass and treble level from 0 to +5/-5.

To adjust the bass



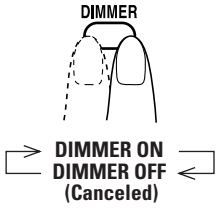
BASS → TREBLE → Canceled

To adjust the treble



Changing the Display Brightness — DIMMER

You can dim the display window.

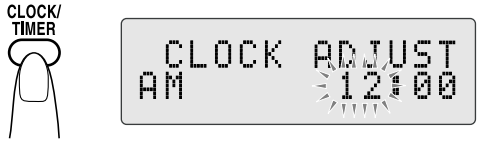


Setting the Clock

Without setting the built-in clock, you cannot use the Daily Timer and sleep Timer (see page 23).

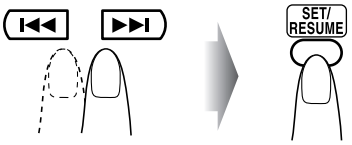
- *To exit from the clock setting, press CLOCK/TIMER as required.*
- *To go back to the previous step, press CANCEL.*

1 Activate the clock setting mode.

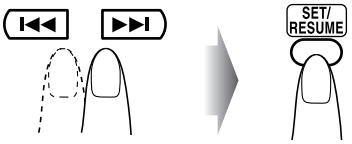


- *If you have already adjusted the clock before, press the button repeatedly until the clock setting mode (see page 23) is selected.*

2 Adjust the hour.

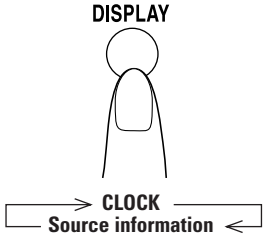


3 Adjust the minute.



The built-in clock starts working.

To check the current time during play



If there is a power failure

The clock loses its setting and blinks. You need to set the clock again.

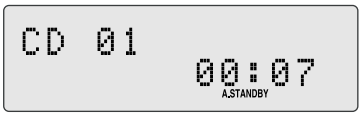
Turning Off the Power Automatically

Remote ONLY

To turn off the System after playback is over — Auto Standby

This function works only when the source is CD.

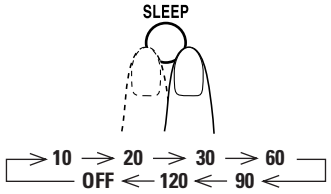
When Auto Standby is in use, the A.STANDBY indicator lights on the display.



When the disc playback 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.

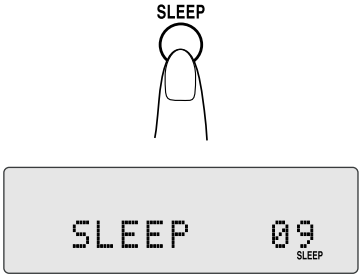
To turn off the System after a certain period of time — Sleep Timer

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



2 **Wait until the set time goes off.**

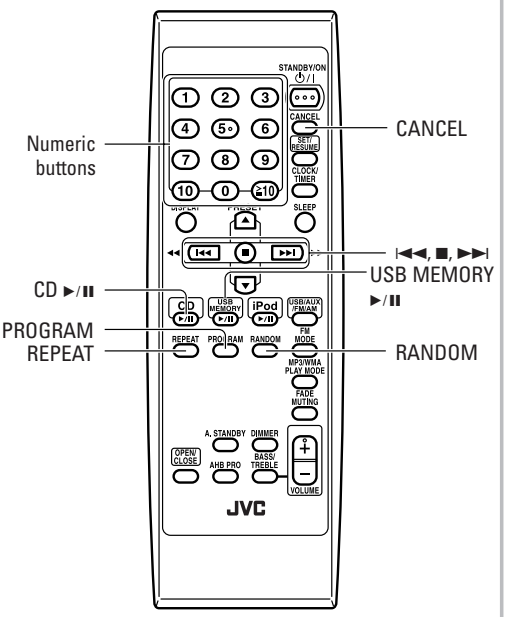
To check the time remaining before the shut-off time



- *If you press the button repeatedly, you can change the shutoff time.*

Advanced Disc/USB mass storage class device Operations

Remote control



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.*

1 Before starting playback, press PROGRAM.

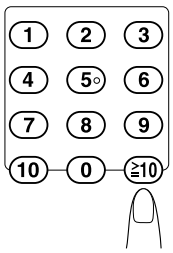
For CD

For MP3/WMA

2 Select tracks you want for Program Play.

For CD

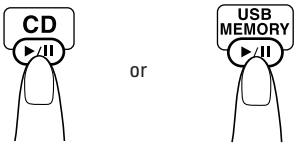
For MP3/WMA
Select the group first, then the track.



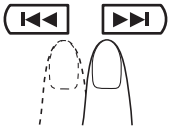
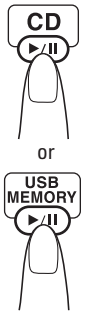
Examples:
To select track number 5, press 5.
To select track number 15, press ≧10 → 1 → 5.
To select track number 20, press ≧10 → 2 → 0.
To select track number 125 (for MP3/WMA only), press ≧10 → 1 → 2 → 5.

3 Repeat steps 2 to program the other tracks.

4 Start playback.

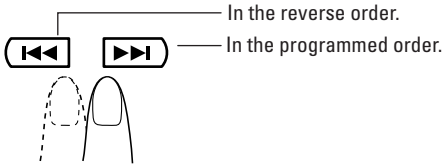


The tracks you have selected are played back in the order you have programmed.

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

To check the programmed contents

While the PRGM indicator is shown on the display and before play back...



To modify the program

While the PRGM indicator is shown on the display and before play back...

To erase the last step:

To add steps in the program:

Repeat Step 2 on page 20.

To exit from Program Play

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

To erase the entire program

While the PRGM indicator is shown on the display and before play back...

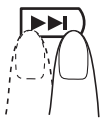
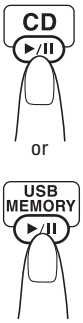
Press stop button or open CD door.

Playing at Random — Random Play

Remote ONLY

You can play back all the tracks on the disc and the USB mass storage class device at random.

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.	

- *Pressing ⏮ goes to the beginning of the current track.*
- *You can repeat All tracks (↻ All) by pressing REPEAT.*

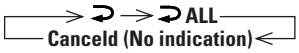
To exit from Random Play

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

Playing Repeatedly — Repeat Play

Remote ONLY

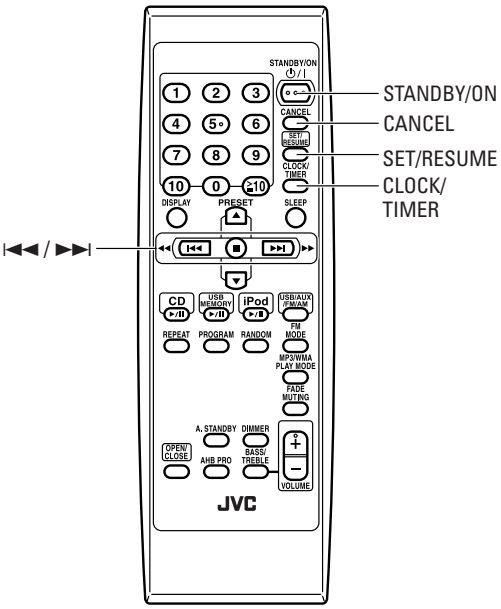
You can repeat playback.



↻	CD MP3/WMA (Track mode)	Repeats the current track.
	MP3/WMA (Group mode)	Repeats all the tracks in the current group (for MP3/WMA playback mode in “GROUP” only).
↻ ALL	CD MP3/WMA	Repeats all the tracks.

Timer Operations

Remote control



Setting the Timer

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

- *To exit from the timer setting, press CLOCK/ TIMER repeatedly until the current status (normal operation) is displayed.*
- *To correct a misentry during the process, press CANCEL.*
  You can return to the previous step.

How Daily Timer actually works

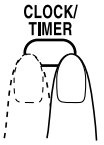
Once the Daily Timer has been set, the timer indicator ⏲ are lit on the display. Daily Timer is activated at the same time everyday until the timer is turned off manually (see the next column).

When the on-time comes

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

- *When selecting "FM (AM) – –," the last tuned station will be selected for Daily Timer.*
- *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.*

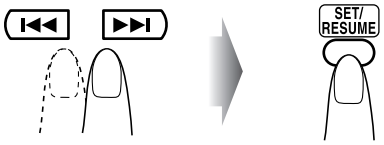
1 Select the timer setting.



Current timer settings → Timer setting → Clock setting (see page 18) → Canceled (normal display)

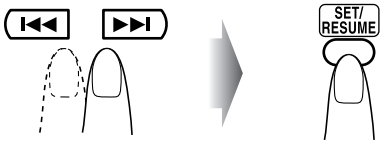
2 Make the timer setting as you want.

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



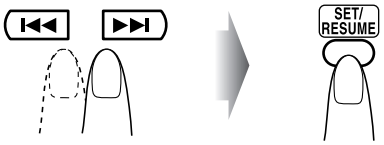
② Set the hour then the minute for off-time in the same manner.

③ Select the playback source—"TUNER FM," "TUNER AM," "CD," "USB MEMORY," "AUX" or "iPod".



When selecting tuner: Select a preset number or "FM (AM) – –" by pressing |◄◄ / ►►| then press SET/RESUME.
When you want to listen to sound from other equipment, you cannot use the Daily timer function to start playback on any equipment other than this product.

④ Set the volume.



- *"SET OK" appears on the display followed by the timer settings you have entered.*

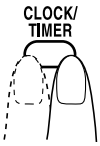
3 Turn off the System (on standby) if you have set the timer with the System turned on.

Display is turned off. The STANDBY lamp blinks slowly until the setting time comes.

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 the Timer setting.



Current timer settings → Timer Setting → Clock setting (see page 18) → Canceled (normal display)

2 Turn off the Timer.

The timer indicator ◷ turns off on the display and Daily Timer is canceled.

To turn on the Timer again, select "Current timer settings" in step 1 and press SET/RESUME.

Additional Information

Learning More about This System

Daily Operations—Playback (see pages 9 to 16)

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/USB mass storage class device:

- *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 999 tracks and of 500 groups. 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.*

Daily Operations — Sound & Other Adjustments (see pages 17 to 19)

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:

- *The clock blinks 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/USB mass storage class device (see pages 20 to 22)

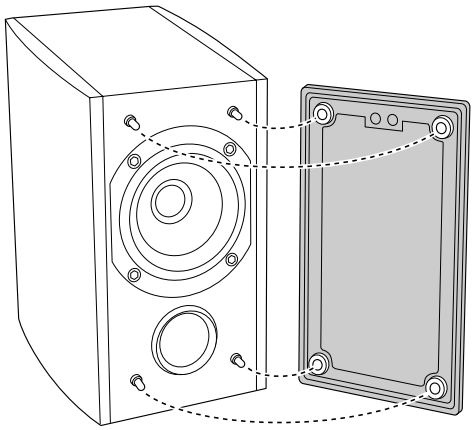
Programming the Playing Order — Program Play:

- *If you try to program a 32nd track, "FULL MEMORY" 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 23 to 24)

- *When you unplug the AC power cord or if a power failure occurs, the timer settings you entered will remain only a couple of days. If the timer settings are erased, you need to set the clock first, then the timer again.*
- *If you activate Sleep Timer, Daily Timer, and Auto Standby simultaneously, the function that is set for the earliest time will be performed.*
- *The on-time and off-time of the Daily Timer cannot be set to the same time.*

To remove the speaker grilles



Troubleshooting

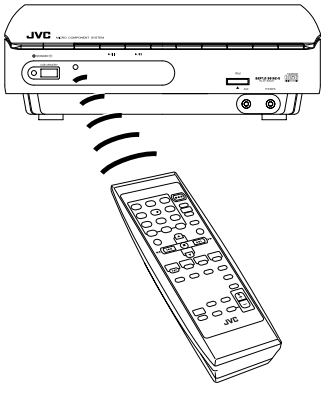
If you are having a problem with your System, check this list for a possible solution before calling for service.

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 font 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 7).*
⇨ *Headphones are connected (see page 9).*

Sound from PC connected with a USB cable has some noise. (See page 15)
⇨ *PC is subjected to excessive load due to using other applications. Close the applications you do not use.*
⇨ *PC is connected via USB Hub. Connect the PC directly to the main unit with a USB cable.*

Radio Operations:

Hard to listen to broadcasts because of noise (see pages 4 to 7).
⇨ *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/USB mass storage class device Operations:

The disc does not play.
⇨ *The disc is placed upside down. Place the disc with the label side up.*

MP3/WMA tracks do not play.
⇨ *Track names have the initial letter ".".*

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

The disc cover does not open or close.
⇨ *The AC power cord is not plugged in.*

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.*
Timer starts working only when the System is turned off.
⇨ *There might have been a power failure.*
Set the clock first, then the timer again.

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

Terminals

Input Sensitivity/Impedance (1 kHz)

AUX IN	LEVEL1 500 mV/47 kΩ LEVEL2 125 mV/47 kΩ
USB Audio	ver. 1.1
USB Host	ver. 1.1
Compatible device	Mass Storage Class
Compatible file system	FAT16, FAT32
Bus power supply	Max. 5V/500 mA
Compatible iPod types	See Page 12
Bus power supply	Max. 5V/500 mA
Speaker terminals	6 Ω - 16 Ω
Phones	32 Ω - 1 kΩ 15 mW/ch output into 32 Ω

CD Player

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	260 mm × 75 mm × 185 mm (W/H/D)
Mass	Approx. 2.1 kg

Speaker Specifications (each unit)

SP-UXEP25

Type	Full range bass-reflex type
Speaker Unit	8 cm cone × 1
Power handling Capacity	10 W
Impedance	6 Ω
Frequency Range	135 Hz - 18 kHz
Sound pressure level	83 dB/W • m
Dimensions	118 mm × 197 mm × 165 mm (W/H/D)
Mass	Approx. 1.3 kg

Accessories

See page 4

Power Specifications

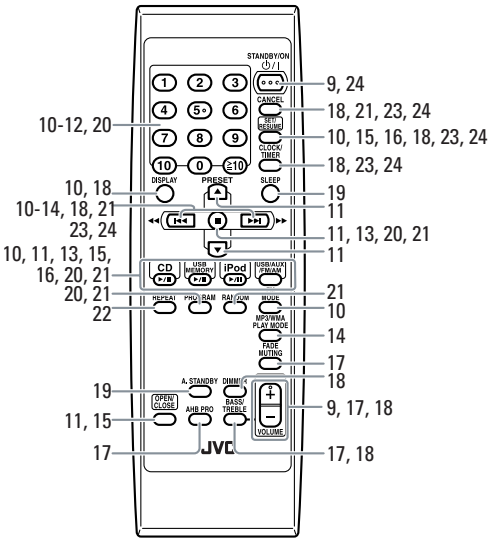
Power Requirements	AC 120 V ∿ 60 Hz
Power Consumption	35 W (power on mode) 1.5 W (in Standby mode)

Design and specifications are subject to change without notice.

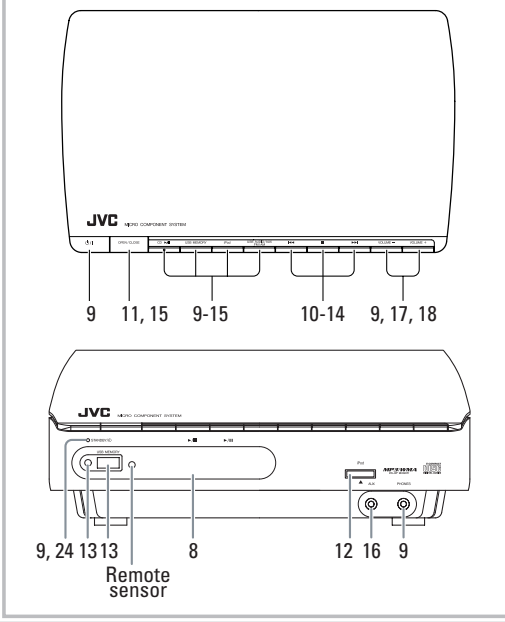
Parts Index

Refer to the pages to see how to use the buttons and controls.

Remote control



Main unit



UX-EP25 | MICRO COMPONENT SYSTEM

JVC

EN, FR

© 2006 Victor Company of Japan, Limited

0806NYMCREBET