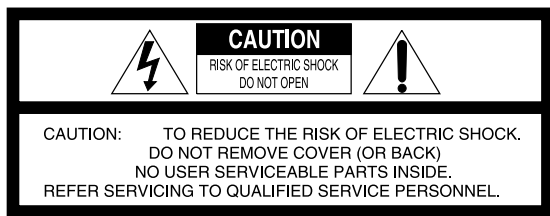


Warnings, Cautions and Others Mises en garde, précautions et indications diverses




The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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


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

CAUTION— ON/STANDBY button!

Disconnect the mains plug to shut the power off completely (the STANDBY lamp goes off). When installing the apparatus, ensure that the plug is easily accessible. The  ON/STANDBY button in any position does not disconnect the mains line.

- When the unit is on standby, the STANDBY lamp lights red.
 - When the unit is turned on, the STANDBY lamp goes off.
- The power can be remote controlled.

ATTENTION—*Touche* ON/STANDBY!

Déconnectez la fiche secteur pour mettre l'appareil complètement hors tension (le témoin STANDBY s'éteint). Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. La touche  ON/STANDBY dans n'importe quelle position ne déconnecte pas l'appareil du secteur.

- Quand l'appareil est en mode d'attente, le témoin STANDBY est allumé en rouge.
 - Quand l'appareil est sous tension, le témoin STANDBY s'éteint.
- L'alimentation ne peut pas être commandée à distance.

CAUTION

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

ATTENTION

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:

1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

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 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.

For wireless transmitter

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

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

IMPORTANT POUR PRODUITS LASER

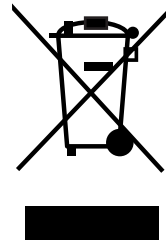
1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** N'ouvrez pas le couvercle supérieur. Il n'y a aucune pièce réparable par l'utilisateur à l'intérieur de l'appareil; confiez toute réparation à un personnel qualifié.
3. **ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

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.

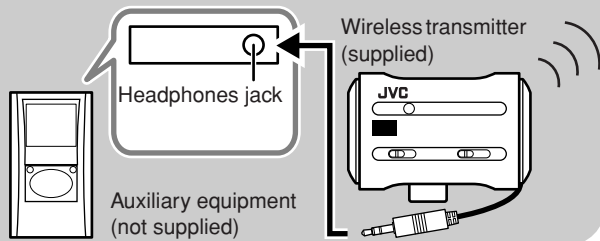


[European Union Only]
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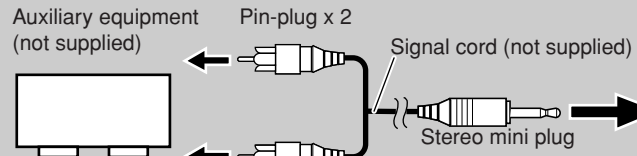
Connections

CAUTION: Make all connection before plugging the system into an AC power outlet.

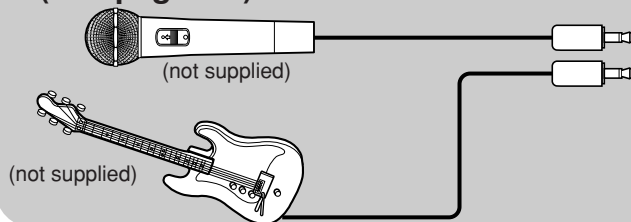
■ Wireless connection (See page 16.)



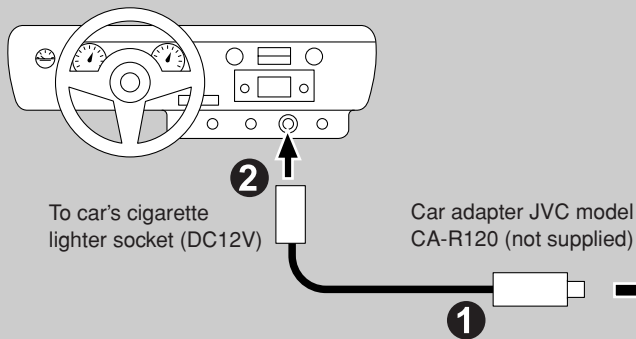
■ Connecting the auxiliary equipment (See page 17.)



■ Connecting the microphone/guitar (See page 18.)



■ Connecting to the car battery

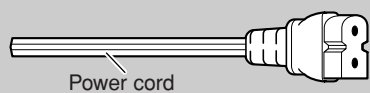


CAUTION:

- Be sure to use the specified car adapter (JVC model CA-R120) to prevent mishaps or damage resulting from different polarity design.
- For safety, stop the car before performing operations.
- Be sure to start the engine when you use the car adapter; otherwise, the car battery will be exhausted.
- During transport, stabilize the system in a box, etc.
- To prevent malfunctions, do not leave the system in a car for a long time.
- If the power is supplied through the car battery, the display will be blank with the system turned off (at standby).

Unplug the AC power cord from the system to supply the power through the car battery; otherwise, the system does not work.

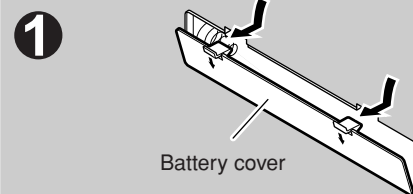
■ Connecting the AC power cord



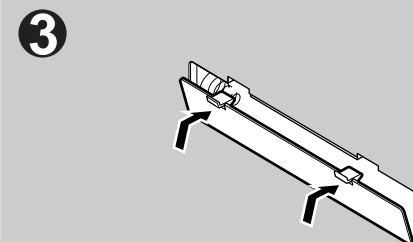
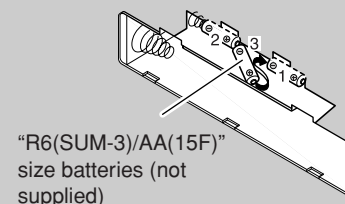
CAUTIONS:

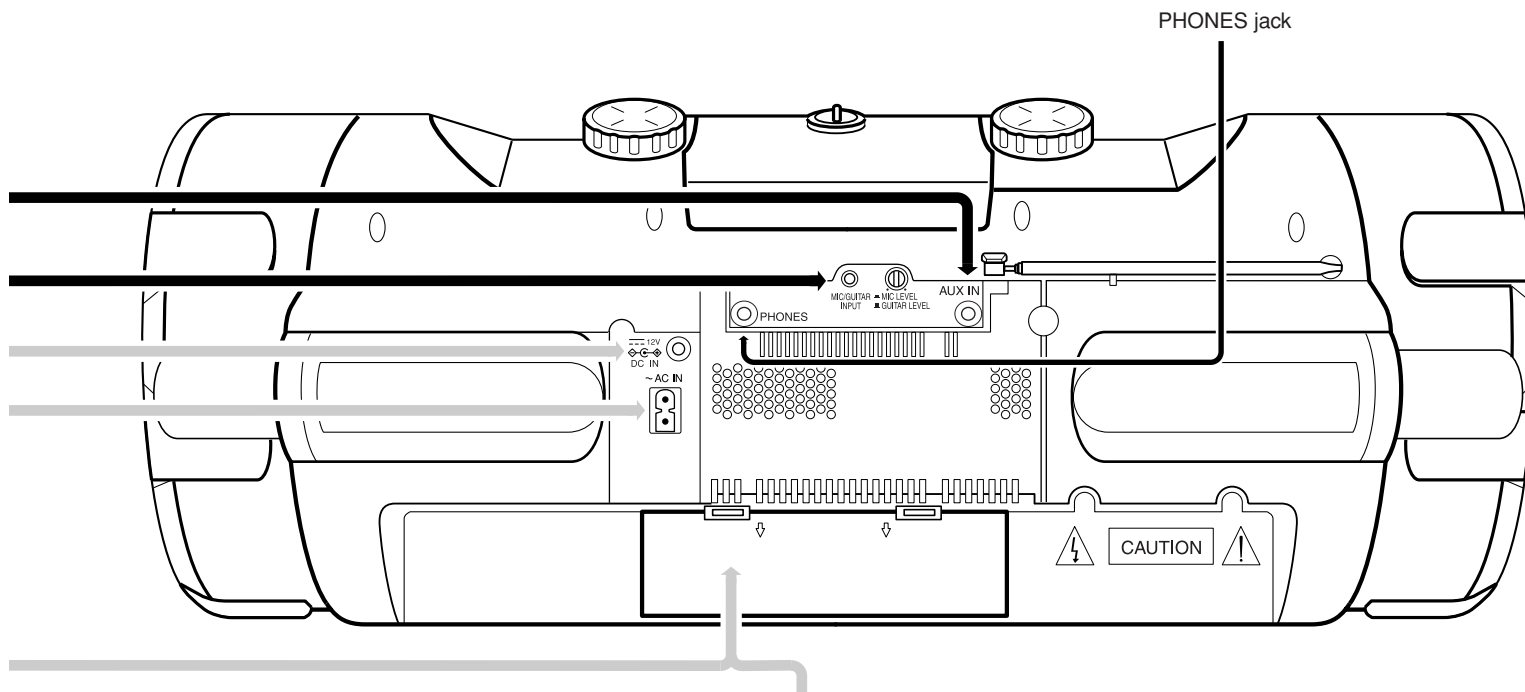
- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

■ Memory backup batteries



- 2 Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment.





To remove the batteries, remove battery "3" first.

Notes:

- The memory backup batteries will not be consumed as long as the power is supplied from an AC outlet, loaded 10 batteries, or car battery (DC12V). However, if no power is supplied to the system, the memory backup batteries should be replaced with new ones approximately every 12 months to securely maintain the contents of the memory.
- Before replacing the memory backup batteries, always connect the AC power cord to the system to prevent the contents of memory from being erased.
- When a power failure occurs, the time indication disappears from the display to save the battery power of the memory backup batteries.

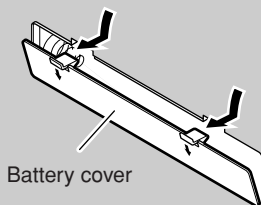
CAUTION:

To avoid battery leakage or explosion:

- When you need to replace the batteries, replace all batteries at the same time with new ones. Before replacing, you need to supply AC power to the system.
- Do not use an old battery with new ones.
- Do not use different types of batteries together.

■ Operating the system on batteries

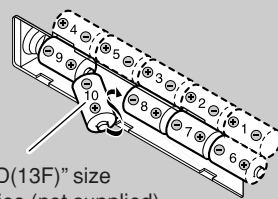
1



Battery cover

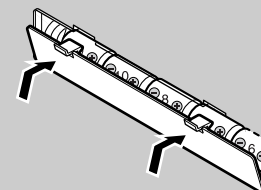
2

Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment.



"R20/D(13F)" size batteries (not supplied)

3



To remove the batteries, remove battery "10" first.

Notes:

- When you operate the system on mains (AC) power or on car battery (DC12V), the power source automatically switches from batteries to AC or DC12V. However, you should remove the 10 batteries when operating on AC power or car battery (DC12V).
- When the batteries are exhausted, the following symptoms will occur:
 - Mistracking occurs during disc playback.
 - Sounds are distorted intermittently during tape playback.
 - "DC OFF" flashes on the display, then the power goes off.
 If this happens, replace the batteries.
- It is recommended to use AC power cord when recording important material or listening to a disc.

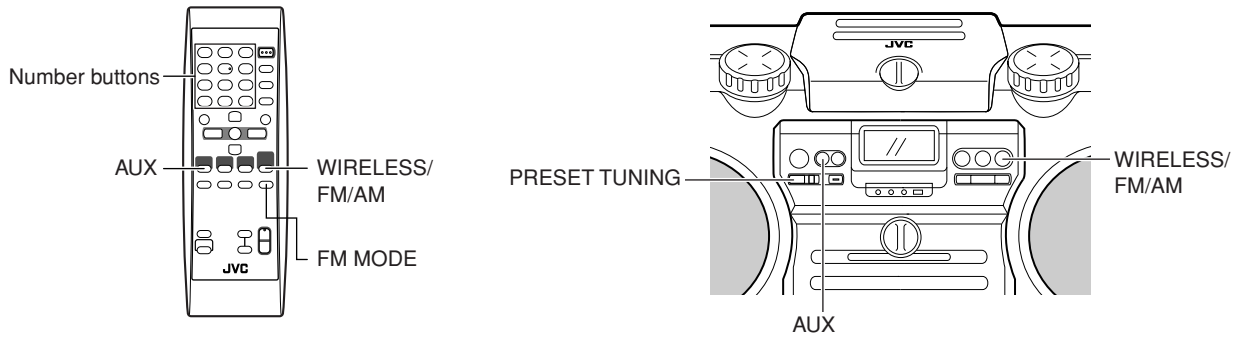
CAUTION:

To avoid battery leakage or explosion:

- Remove the 10 batteries when the system is not in use for an extended period of time.
- When you need to replace the batteries, replace all batteries at the same time with new ones.
- Do not use different types of batteries together.
- If the power is supplied through the batteries, the display will be blank with the system turned off (at standby).

Unplug the AC power cord from the system to supply the power through the batteries; otherwise, the system does not work.

Listening to auxiliary equipment



You can listen to auxiliary equipment with the following methods:

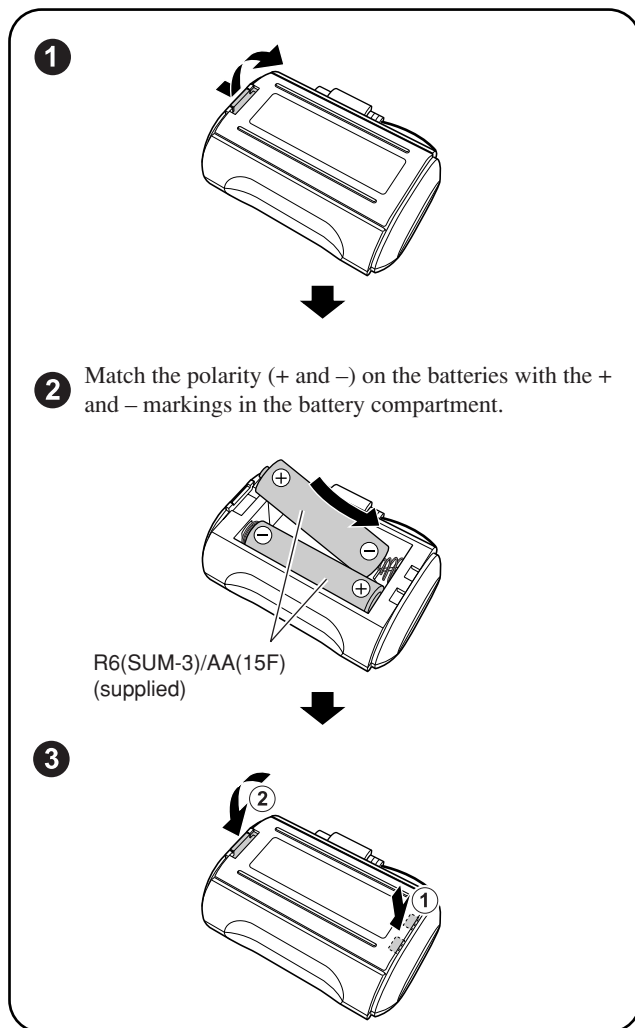
- Transmitting sound on FM wave
- Connecting to the AUX IN jack

Note: For operation of the auxiliary equipment, refer to its instructions.

■ Transmitting sound on FM wave

You can connect auxiliary equipment such as a digital audio player to the wireless transmitter, then transmit the sound signals on FM wave.

■ Installing the batteries to the wireless transmitter

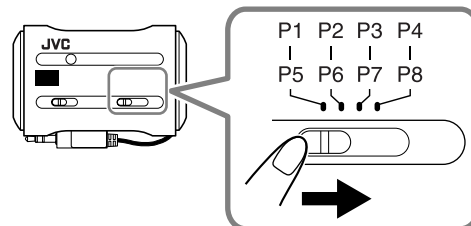


Listening to auxiliary equipment

1. Connect the wireless transmitter to the headphones jack of auxiliary equipment.

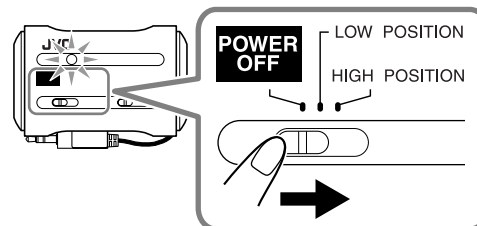
2. Select one of the position numbers on the wireless transmitter.

- To check the assigned frequency to each the position number, refer to the label put on the rear of the wireless transmitter.
- Make sure that no local FM station in you area uses the same frequency.



3. Turn on the wireless transmitter.

The red lamp lights up.



- To select a position number from P1 - P4, set the switch to LOW POSITION.
- To select a position number from P5 - P8, set the switch to HIGH POSITION.

4. Set the volume level of the system to minimum.

Continued on the next page...

5. Press WIRELESS/FM/AM to select WIRELESS as the source.

The system tunes in to the last tuned frequency. The following information appears on the display.

POSITN 1 → WIRELESS

(After one second)

6. Select the same position number as you have selected on the wireless transmitter in step 2, on page 16.

- **On the remote control:** Press the number button corresponding to the position number.
- **On the system:** Press PRESET TUNING repeatedly to select the position number.

7. Start playing the connected equipment, then adjust the volume on the equipment.

8. Adjust the volume of the system to the desired listening level.

- **If received sounds are noisy,** press FM MODE on the remote control. The MONO indicator lights up and the sound becomes monaural, but the reception improves. When you tune in to another frequency using ◀◀ or ▶▶, the MONO indicator goes off and stereo effect restores automatically.

Notice: • **To adjust the reception condition**

Adjust the FM telescopic antenna's length, angle and direction until the best reception is obtained (see page 9).

• **To avoid sound distortion**

Make sure not to increase the volume of the connected equipment too high.

Notes:

- If the frequency (position number) you select to receive the signals from the wireless transmitter is used by an FM station or is adjacent to an FM station frequency, it interferes with the reception from the wireless transmitter. If this happens, select another frequency (position number).
- If you are nearby the TV or FM stations which transmit strong signals, it interferes with the reception from the wireless transmitter. In this case, you may not be able to use the wireless transmitter.
- To get good reception from the wireless transmitter:
 - Make sure that there is no obstruction between the system and the wireless transmitter.
 - Straighten the connecting cord of the wireless transmitter as much as possible.

Presetting frequencies

You can preset up to eight frequencies.

Using the remote control only

There is a time limit in doing the following steps. If the setting is canceled before you finish, start again from step 3.

- 1. Select WIRELESS by pressing WIRELESS/FM/AM.**
- 2. Press ◀◀ or ▶▶ to tune in to a frequency.**
- 3. Press SET.**

POSITN 1

4. Press the number buttons (1 – 8) to select the preset number you want.

5. Press SET.

“STORED” appears on the display and the frequency is stored.

6. Repeat above steps 1. to 5. for each frequency you want to store into memory with a preset number.

To change the preset frequencies, repeat the same steps as above to overwrite a new frequency.

Note:

When you listen to an auxiliary equipment connected to the wireless transmitter after changing the preset frequency initially memorized in the system, set the frequency back to the initial one according to the above procedure; otherwise, you cannot receive the signal even though you select the same position number as the one on the transmitter.

Following table shows the initial settings of the position numbers on the system.

Initial settings of the position numbers:

Position no.	Frequency	Position no.	Frequency
POSITN 1	88.10 MHz	POSITN 5	107.10 MHz
POSITN 2	88.30 MHz	POSITN 6	107.30 MHz
POSITN 3	88.50 MHz	POSITN 7	107.50 MHz
POSITN 4	88.70 MHz	POSITN 8	107.70 MHz

CAUTION: To prevent the preset frequencies from being erased because of a power failure, etc., install memory backup batteries in the system. (See pages 5 and 6.)

■ Connecting to the AUX IN jack

First make sure that the auxiliary equipment is properly connected to the system. (See pages 5 and 6.)

1. Set the volume level to minimum.

2. Press AUX.

“AUX” appears on the display.

AUX

- To listen to the auxiliary equipment, start playing the auxiliary equipment.

3. Adjust the volume to the desired listening level.

4. Apply sound effects, if you wish.

- Adjust the super woofer volume to reinforce the bass sound.

Symptom	Possible cause	Action
Unable to operate the remote control.	<ul style="list-style-type: none"> The path between the remote control and the sensor on the system is blocked. The batteries have lost their charge. 	<ul style="list-style-type: none"> Remove the obstruction. Replace the batteries.
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the system then plug it back in after a few minutes.
The cassette holder cannot be opened.	During tape play, the power cord has been unplugged.	Plug in the power cord and press the ⏻/ION/STANDBY button.
Indicators and the display do not light up while in standby mode.	Batteries or DC power is used to supply the power.	

Specifications

Amplifier

Output Power

6 W per channel, min. RMS, at 4 Ω from 150 Hz to 15 kHz with no more than 10% total harmonic distortion.
20 W per channel woofer, min. RMS into 4 Ω at 60 Hz with no more than 10% total harmonic distortion.

Input Sensitivity/Impedance (1 kHz)

AUX IN 300 mV/47 kΩ

MIC/GUITAR INPUT: Switchable

MIC 200 Ω – 2 kΩ (6.3 mm dia. plug)

GUITAR 100 kΩ – 1 MΩ (6.3 mm dia. plug)

Output Sensitivity/Impedance (1 kHz)

Phones 16 Ω – 1 kΩ

0 – 12 mW/ch output into 32 Ω

Cassette Deck

Frequency Response

Type II (High position) 60 Hz – 14 kHz

Wow and Flutter 0.15% (WRMS)

Disc Player

Dynamic range 90 dB

Signal-to-noise ratio 95 dB

Wow and Flutter Unmeasurable

Tuner

WIRELESS

Tuning Range 87.50 MHz – 108.00 MHz

FM Tuner

Tuning Range 87.5 MHz – 108.0 MHz

AM Tuner

Tuning Range 530 kHz – 1 710 kHz

Antenna

FM telescopic antenna

Ferrite core antenna for AM

Speakers

Full range 8 cm (3-3/16") × 2, 4 Ω

Super woofer 16 cm (6-5/16") × 2, 4 Ω

Wireless Transmitter (VFT-001)

Power Requirements DC 3 V ("R6/AA(15F)" batteries [2])

Transmitting Frequencies

88.10 MHz, 88.30 MHz, 88.50 MHz,
88.70 MHz, 107.10 MHz, 107.30 MHz,
107.50 MHz, 107.70 MHz

Input terminal Stereo mini plug

Frequency response 50 Hz to 12 000 Hz

Battery life (at normal temperature)

Approx. 50 hours (with Alkaline batteries)

Approx. 20 hours (with Manganese batteries)

Dimensions

78 mm × 55 mm × 35 mm (W/H/D)
(3-1/8" × 2-3/16" × 1-7/16")

Mass

Approx. 50 g (0.12 lbs) (without batteries)

General

Dimensions 690 mm × 239 mm × 296 mm (W/H/D)

(27-3/16" × 9-7/16" × 11-11/16")

Mass

9.5 kg (21 lbs) (without batteries)

10.6 kg (23.4 lbs) (with batteries)

Power Specifications

Power Requirements AC 120 V ~ , 60 Hz

DC 15 V ("R20/D(13F)" batteries [10])

External DC 12 V (car battery via optional

CA-R120 car adapter)

Power Consumption 50 W (power on mode)

1.6 W (in standby mode)

Design and specifications are subject to change without notice.

For U.S.A.

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-51018-4
(0204)

For U.S.A.



LIMITED WARRANTY

AUDIO-1 **USA ONLY**

ONLY FOR PRODUCT PURCHASED IN U.S.A.

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

PARTS	1 YR	LABOR	1 YR
-------	-------------	-------	-------------

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 Relations Department 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. 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.

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 CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

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

JVC COMPANY OF AMERICA
DIVISION OF JVC AMERICAS CORP. <http://www.jvc.com>
1700 Valley Road
Wayne, NJ 07470

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 :