

JVC



CORDLESS STEREO HEADPHONES
CASQUE STEREO SANS FIL
AURICULARES ESTÉREO INALÁMBRICOS

HA-W1000RF-J/C



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

Model No. _____

Serial No. _____

À l'usage du client :
Inscrivez ci-dessous le n° de modèle et le n°
de série qui se trouvent sur le fond du coffret.
Conservez ces informations pour pouvoir vous
y reporter ultérieurement.

N° de modèle _____

N° de série _____



INSTRUCTIONS
MANUEL D'INSTRUCTIONS
MANUAL DE INSTRUCCIONES

Hearing Comfort and Well-Being

- Do not play your headphones at a high volume. Hearing experts advice against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.

Traffic safety

- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many area.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even though your headphones are of the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

FCC INFORMATION

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.

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

Contact

Address: JVC AMERICAS CORP.
JVC COMPANY OF AMERICA
1700 Valley Road, Wayne, N.J. 07470
Telephone: 1 (973) 317-5000

Note: 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, it 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.

IC INFORMATION

This device complies with RSS-210 of the IC 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 of the device.

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

Contact

Address: JVC CANADA INC.
21 Finchdene Square, Toronto, ON M1X 1A7
Telephone: (416) 293-1311 e-mail: info@jvc.ca

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Industry Canada's RSS-210. 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, it 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.

INFORMATION SUR IC

Cet appareil est conforme à la RSS-210 du règlement de la IC. Le fonctionnement est sujet aux deux conditions suivantes:

- (1) Cet appareil ne peut causer d'interférences nuisibles
- (2) Cet appareil reçoit toute interférence même les interférences qui peuvent occasionner un mauvais fonctionnement.

ATTENTION: Les changements ou les modifications non approuvés par JVC risquent de retirer à l'utilisateur le droit d'utiliser l'appareil.

Contact

Adresse: JVC CANADA INC.
21 Finchdene Square, Toronto, ON M1X 1A7
Téléphone: (416) 293-1311 e-mail: info@jvc.ca

Remarque : L'appareil a été testé et jugé conforme aux limites des appareils numériques de classe B, aux termes de la réglementation RSS-210 de l'industrie du Canada. Ces limites ont pour but d'assurer une protection raisonnable contre les interférences parasites lorsque l'appareil est utilisé dans une installation résidentielle. Cet appareil engendre, utilise et peut émettre une énergie radioélectrique et, s'il n'est pas installé et utilisé en stricte conformité avec ces instructions, il peut provoquer des interférences parasites dans les liaisons radiophoniques. Ceci ne garantit pas pour autant qu'une installation particulière n'émettra aucune interférence. Si l'appareil engendre des interférences parasites avec la réception radio ou télévision, ce qui pourra être déterminé en éteignant puis en rallumant l'appareil, il est conseillé à l'utilisateur d'essayer de corriger les interférences en prenant l'une des mesures ci-dessous:

- Modifier l'orientation ou changer l'emplacement de l'antenne de réception.
- Eloigner davantage l'appareil du récepteur.
- Brancher l'appareil dans une prise d'un circuit différent de celui auquel le récepteur est raccordé.
- Demander l'aide de son agent ou d'un technicien radio/télévision qualifié.

IMPORTANT

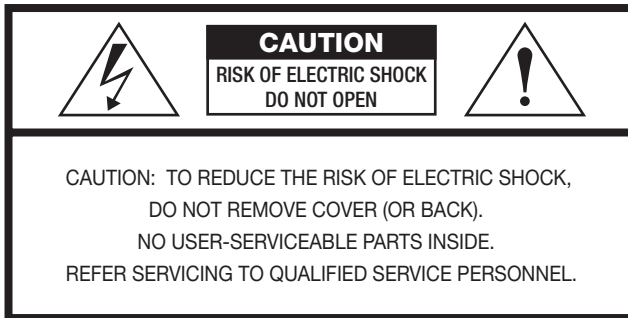
CAUTION:

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION:

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTER FICHE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- (1) Ce produit ne cause pas d'interférence.
- (2) Ce produit doit accepte toute interférence, incluant interférence qui peut causé opération non désiré.



This 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.

Thank you for purchasing this JVC product.
Before you begin operating this unit, please read the instructions carefully to be sure you get the best possible performance.
If you have any questions, consult your JVC dealer.

ENGLISH INSTRUCTIONS Pages 6 – 21

Nous vous félicitons d'avoir acquis ce produit JVC.
Avant de vous en servir, lisez attentivement le mode d'emploi pour en obtenir les meilleures performances.
Si vous avez d'autres questions, interrogez votre revendeur JVC.

INSTRUCTIONS EN FRANÇAIS Pages 22 – 37

Gracias por adquirir este producto JVC.
Antes de utilizar la unidad, lea cuidadosamente estas instrucciones para obtener el máximo rendimiento.
Si tiene cualquier duda, póngase en contacto con su distribuidor de productos JVC.

INSTRUCCIONES EN ESPAÑOL Páginas 38 – 53

ENGLISH

FRANÇAIS

ESPAÑOL

“SOME DO’S AND DON’TS ON THE SAFE USE OF EQUIPMENT”

This equipment has been designed and manufactured to meet international safety standards but, like any electrical apparatus, care must be taken if you are to obtain the best results and safety is to be assured.



- Do** read the operating instructions before you attempt to use the equipment.
- Do** ensure that all electrical connections (including the plug, extension cord and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturer’s instructions. Switch off and withdraw the plug when making or changing connections.
- Do** consult your dealer if you are ever in doubt about the installation or operation or safety of your equipment.
- Do** be careful with glass panels or doors on equipment.



- DON’T** continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way—switch off—withdraw the plug and consult your dealer.
- DON’T** remove any fixed cover as this may expose dangerous voltages.
- DON’T** leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.
Switch off using the switch on the equipment and make sure that your family know how to do this.
Special arrangements may need to be made for infirm or handicapped people.
- DON’T** use equipment such as personal stereos or radios so that you are distracted from the requirements of road safety. It is illegal to watch television when driving.
- DON’T** listen to headphones at high volume as such use can permanently damage your hearing.
- DON’T** obstruct the ventilation of the equipment, for example with curtains or on soft furnishings.
Overheating will cause damage and shorten the life of the equipment.
- DON’T** use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety always fit the manufacturer’s approved stand or legs with the fixing screws supplied according to the instructions.
- DON’T** allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

NEVER let anyone especially children push anything into holes, slots or any other opening in the case. This could result in a fatal electrical shock.

NEVER guess or make changes with electrical equipment of any kind. It is better to be safe than sorry!

CAUTION:
CHARGE ONLY WITH PROVIDED Ni-MH TYPE BATTERY.
OTHER TYPES OF BATTERY MAY BURST CAUSING
PERSONAL INJURY AND DAMAGE.

WARNING:

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

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

IMPORTANT**1. Installation**

- Select a place which is level, dry and neither too hot nor too cold (between 0°C and 35°C /32°F and 95°F).
- Keep away from direct sunlight.
- Do not put it too close to a heater.


2. Power cord

- Do not handle the power cord with wet hands!
- Do not bend the power cord sharply.

3. Malfunctions, etc.

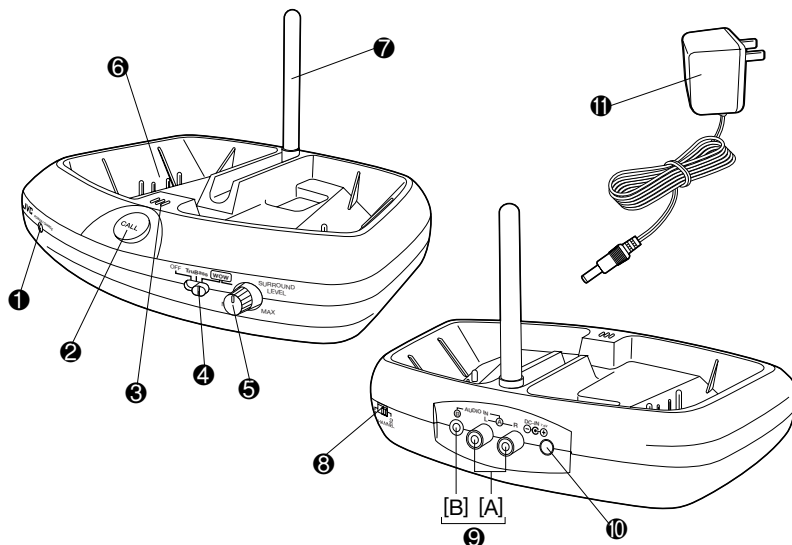
- There are no serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
- Do not insert any metallic object.
- Do not allow water to get inside.

FEATURES

- Frequency modulation system which allows headphones to be used even in areas where the transmitter cannot be seen
- Reception range (up to 328 ft./100 m: using JVC measurement system)
- Equipped with **SRS**  circuitry for deep bass sound and three-dimensional sound field regardless of the sound source.
- Paging/Call Function for direct verbal access to user
- Rechargeable system with built-in Ni-MH battery that requires no charge cable (on-stand charging)
- Large 40 mm dia. drivers for high-quality sound (open type)
- Soft Comfort-fit Headband that adjusts easily when put-on and switches on automatically
- Automatic Power On/Off transmitter
- Auto-level control circuit that automatically adjusts signals to the appropriate modulation level
- Single volume control adjusts the volume level of the left and right channels simultaneously
- Adaptable to any audio/visual equipment

NAMES OF PARTS AND THEIR FUNCTIONS

Transmitter



❶ POWER/CHARGE (Indicator)

When an audio signal is input: The power automatically turns on and the indicator lights in green.

When charging: Lights in red

❷ CALL (Call button)

While the CALL button is pressed, sound from the microphone is transmitted to the receiver. When the CALL button is released, the regular audio signal is transmitted.

❸ Microphone

The sound input into the microphone is transmitted to the headphones.

❹ SRS WOW Surround Switch

Turn on the switch to activate functions

❺ SURROUND LEVEL

When the switch is set to WOW, the surround effect will increase by turning the knob to the right.

❻ Charging output terminal

❼ Antenna

For use, stand it vertically.

❽ CHANNEL

Changes the transmission frequency.

❾ AUDIO IN (Audio input terminals)

[A] RCA pin jack (L/R)

[B] 3.5mm dia. stereo minijack

❿ DC IN (DC 7.5V jack)

⓫ AC adaptor (J47310-001)

Connects to a household AC outlet (AC 120V, 60Hz).

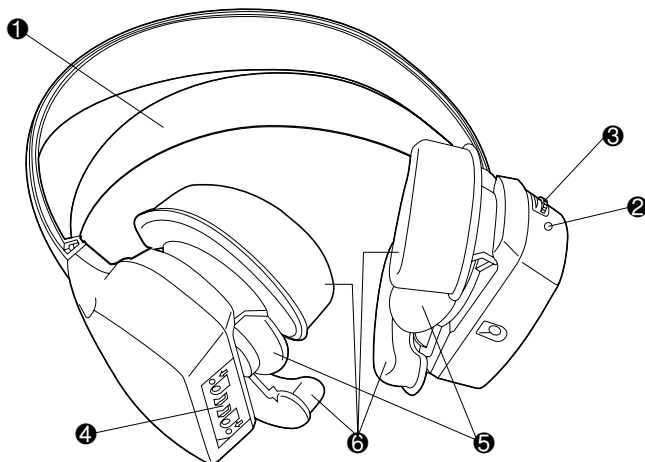
Note:

The provided AC adaptor is exclusively for use with this unit.

Do not connect to any other equipment.

NAMES OF PARTS AND THEIR FUNCTIONS

Receiver (Cordless Headphones)



① Soft Comfort-Fit Headband and Power Switch

When you widen the headband to put it on your head, this switches on the power. When you take the headband off, it contracts back to its original length and this switches off the power.

② Power Indicator

The indicator lights in red when the power is turned on.

③ VOL. (Volume control)

Adjusts the volume level of the left and right channels simultaneously.

④ Charging input terminal

⑤ Ear Pad

⑥ Bar Cushion

- For replacement ear pads and bar cushions, please consult with the dealer where you purchased the headphones.

CONNECTION

■ How to connect to AV equipment

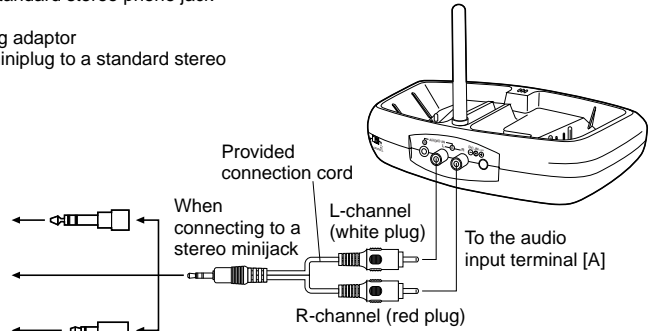
Connection to HEADPHONES jack

When connecting to a standard stereo phone jack
(0.24"/6.3 mm dia.)

- Use the provided plug adaptor
(Converts a stereo miniplug to a standard stereo phone plug)

To HEADPHONES jack

TV, audio amplifier,
VCR, tape deck,
video disc player,
etc.



When connecting to a stereo minijack

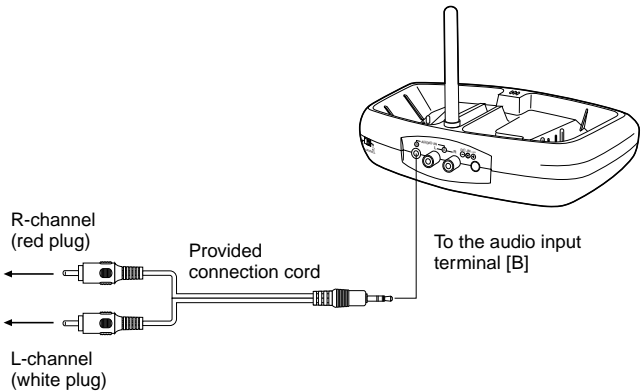
When connecting to a monaural minijack

- Use an optional plug adaptor
(Converts a stereo miniplug to a monaural miniplug)

Connection to LINE OUT or REC OUT terminals

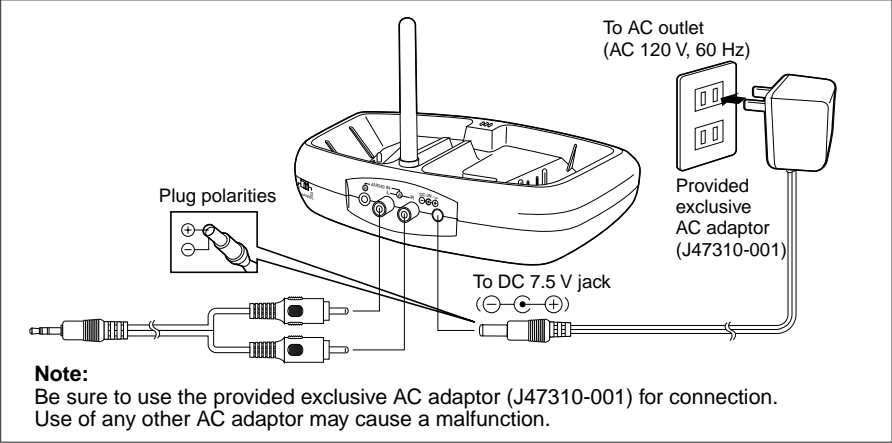
To LINE OUT or REC OUT terminals

TV, audio amplifier,
VCR, tape deck,
video disc player,
etc.

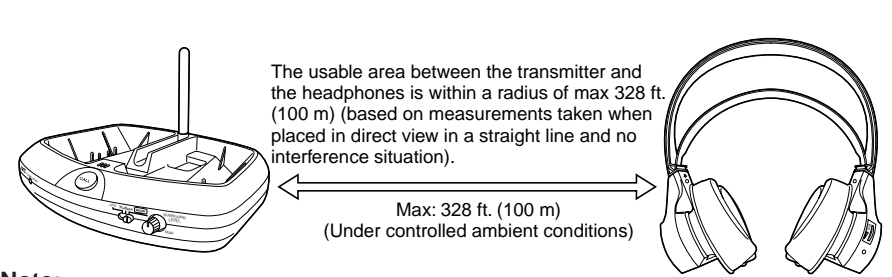


CONNECTION

Connection to power supply



RANGE OF USE



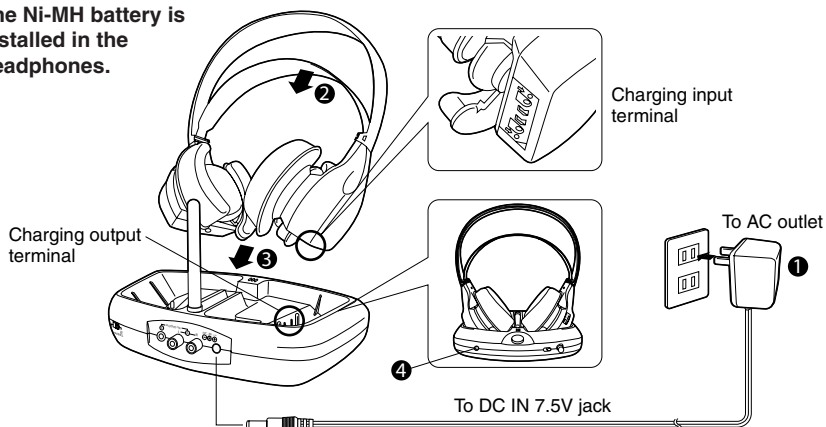
Note:
This product uses high frequency range of 900MHz. For this reason, the usable area may differ depending on the surroundings. The range narrows or cause interference with reception in the following cases:

- In places such as inside an apartment with reinforced concrete walls, or when the transmitter and headphones are separated by obstacles such as steel-reinforced doors.
- When items such as metal furniture are situated nearby.
- The usage location faces a street.
- There is noise or interference in the vicinity. (e.g. truck wireless systems and wireless communications systems installed along roads)
- There is equipment that gives off electromagnetic waves in the vicinity.
- There is a cordless phone or other wireless communications device in the vicinity.

POWER REQUIREMENTS OF HEADPHONES

Charging rechargeable Ni-MH battery

The Ni-MH battery is installed in the headphones.



- 1 Connect the AC adaptor to the transmitter and plug the AC adaptor into an AC outlet.
- 2 Set the ON/OFF (power) switch on the headphones to OFF. The battery cannot be charged when the switch is set to ON.
- 3 Set the headphones on the transmitter so that the Charging Input Terminal connects to the Charging Output Terminal. Use both hands to set firmly.
- 4 The charger starts charging the battery automatically and the transmitter's indicator lights in red. The indicator may not light in red if the headphones are not set properly. In this case, adjust the position of the headphones until the indicator lights in red. If the indicator blinks or goes out even if you firmly set the headphones in place using both hands, it may be that the battery is already charged to full capacity.

Charging time

The battery can be fully charged in approx. 24 hours.

During recharge the indicator lights in red, which will start to blink rapidly near completion. Blinking will gradually slow down or turn off at completion.

Note that depending on the condition of rechargeable battery or others, the indicator may not blink even after recharging for 24 hours.

Battery running time

After charging is complete, you can use them continuously for approx. 35 hours.

Tips for better use

- Be sure to charge the batteries within the temperature range of 50°F ~ 95°F (10°C ~ 35°C).
- Charging batteries that are not completely exhausted will cause efficiency to decline. Be sure to charge them after they have been completely exhausted.

CAUTIONS ABOUT THE RECHARGEABLE BATTERY

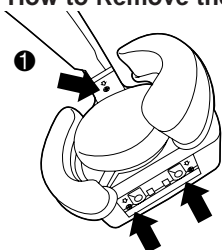
ATTENTION:

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

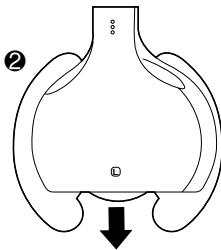
If the usable time of fully charged battery decreases by about half, or noise begins to persist, replace the battery with a new one. When purchasing rechargeable Ni-MH battery, consult the dealer where you bought the product.

Exclusive Rechargeable Ni-MH Battery: J47374 (2.4 V, 1800 mAh)

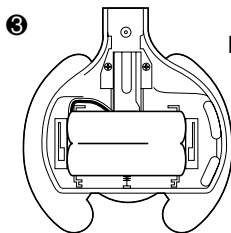
How to Remove the Battery:



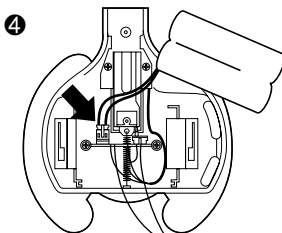
1 Remove three screws using a ⊕ screw driver



2 Remove the housing cover by sliding it down



3 Battery appears



4 Remove the battery by pulling the connector behind the battery

Warning: Do not touch anything other than the battery and connector. Doing so may be hazardous causing electrical shock.

Note: Take extra caution in changing the battery. If you are unsure or feel insecure replacing the battery, consult our local dealer or JVC service counter for replacement. If you attempt to disassemble this unit for other purposes, it may damage the unit.

If the batteries are used incorrectly, they may leak, heat or explode, and may cause fire, injury or soiling. Make note of the following:

1. Be sure to use the provided exclusive battery. Do not use any other rechargeable or dry cell battery.
2. Do not throw the battery in a fire or heat it.
3. Do not deform, take apart, modify or directly solder the battery.
4. Do not remove or damage the covering tube.
5. If any liquid from the battery gets into your eyes, it may cause blindness. If battery liquid does get into your eyes, do not rub them, but instead immediately wash them thoroughly with clean water, then consult a doctor at once. Also, should any liquid from the rechargeable battery get onto your skin or clothes, it may burn your skin. In this case, wash with clean water immediately.
6. Do not immerse or wet the battery in water.
7. Do not use or leave the battery in an area where the temperature becomes significantly higher, such as in direct sunlight, inside a car on hot day or near heat-generating equipment.
8. Do not subject the battery to strong shocks or throw it.

CAUTIONS ABOUT CHARGING

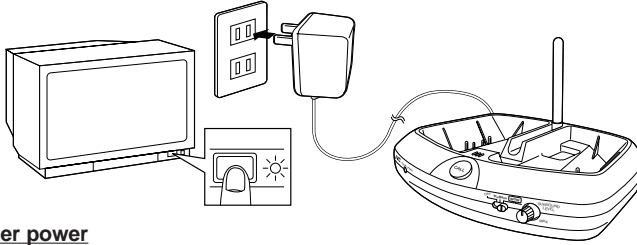
1. Be sure to use only this unit for charging.
2. You can charge the rechargeable battery approximately 500 times.
3. Charging times differ depending on the temperature range or the remaining charge in the battery.
4. Excessive charging doesn't result in malfunction.
5. Battery life will decrease in cold places.
6. Due to characteristics of the batteries, they expend their charge a little even when the power is turned off.
7. Be sure to use the provided AC adaptor (model J47310-001)

OTHER CAUTIONS

1. Caution! To avoid risk of fire or injury, do not attempt to charge non-rechargeable batteries.
2. Replace only with the same type recommended by the manufacturer.
3. Please dispose of old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.
4. No naked flame sources, such as lighted candles, should be placed on the apparatus.
5. The unit shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on or by the unit.
6. For indoors use only. Do not expose to rain.
7. Don't open, no user serviceable parts inside.

HOW TO USE

1. Connect the transmitter and AV equipment. (Refer to page 10)
2. Connect the AC adaptor to the transmitter, then plug the AC adaptor into an AC outlet. (Refer to page 11)
3. Turn on the power on the transmitter and the connected AV equipment.



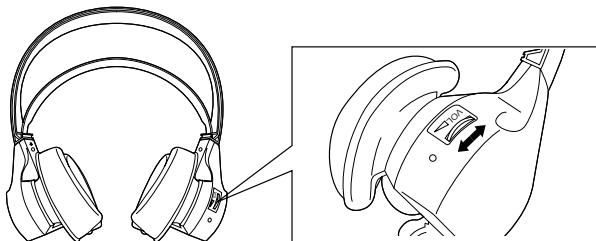
Transmitter power

When an audio signal is input, the transmitter's power is turned on automatically, and the indicator lights in green. Also, when no audio signal is input for about a minute, the indicator goes out automatically and the power turns off. (Automatic Power On/Off function)
 The Automatic Power On/Off function is activated from audio on the left channel. The function may not activate properly in situations when the audio signal is detected only from the right channel.

In some situations, the power may not be turned on automatically by the input sound (e.g. a song with a quiet opening or gradual fade-in). This is not a malfunction.

4. To avoid excessive volume, first set the headphones' volume to a low level and fit them to the head to automatically turn on the power. **Turn the receiver power on after confirming transmitter's power on.**
5. When the power goes on, tuning begins automatically. **Tuning may take few seconds and sound is not heard during this procedure. This is not a malfunction.**

If Auto Tuning does not activate on the first attempt, remove the headphone, turn the power off, and place it back on your head to reattempt the auto-tuning reception process.

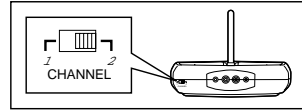


Before using the headphones for the first time, charge the rechargeable battery.

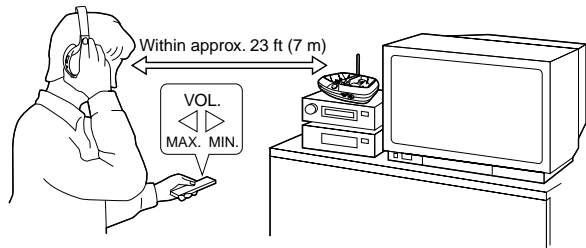
HOW TO USE

6. Adjust the volume control of the connected AV equipment and the headphones, and set them to the desired listening level.
At the same time, adjust the ear pad angle to make it fit comfortably.

In case of interference or too much noise (e.g. when used near a cordless phone or any other transmission device), set the transmitter's CHANNEL to a different position. To re-tune the headphone, remove once and wear again.



To set optimum signal reception, adjustments should be done within a range of approx. 23ft. (7 m) between the transmitter and the headphones.



Tips for better use

For improved sound quality, set the volume level of the connected equipment as high as possible without causing distortion, while setting volume level of the headphones to a slightly lower level. In surround mode, have the mode turned on while making the adjustments as surround mode tend to distort more than normal mode.

After use

The power turns off by removing the headphone from head. When sound signal is not received for two minutes, the transmitter is set to turn off automatically. Recharge the headphone after use.

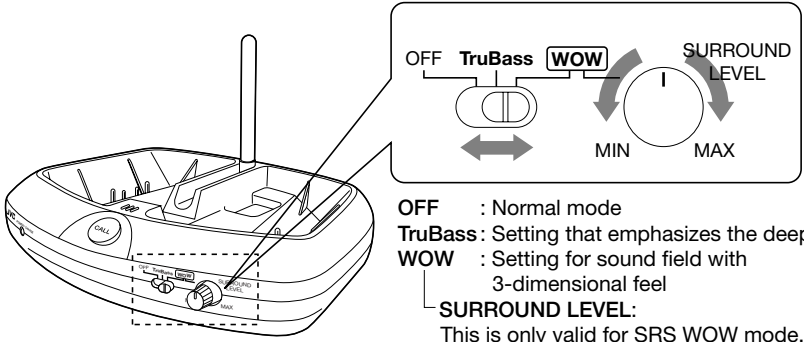
The headphone is designed to automatically turn off when removed from your head, however auto power-off may not activate in certain situations. In such cases, confirm that the power indicator light is off by manually shortening the headband to its minimal length.

Notes:

1. When using the headphones, don't raise the volume excessively. Continuous listening for a long time at high volumes may damage your hearing.
2. For safety reasons, do not use the headphones while riding a bicycle or driving a motorcycle, car, etc.
3. If the headphone is not used for a prolonged time, unplug the AC adaptor from an AC outlet.

HOW TO USE THE **SRS WOW** FUNCTION

This function has a SRS WOW circuit that lets you enjoy deep bass and a three-dimensional sound field regardless of the sound source.



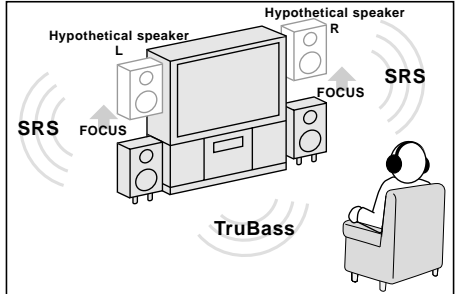
- OFF** : Normal mode
- TruBass** : Setting that emphasizes the deep bass
- WOW** : Setting for sound field with 3-dimensional feel
- SURROUND LEVEL:**
This is only valid for SRS WOW mode. It adjusts the level of broadness of the sound.

In order to reproduce a powerful surround sound, this unit's surround circuit emphasizes the bass and middle frequencies. Therefore, for some sound sources (the music or video software), the sound is distorted when the surround mode is switched on. If this happens, adjust the volume control of the connected AV equipment and the headphones to a distortion-free level.

The HA-W1000RF uses surround technology **SRS WOW** developed by SRS Labs, Inc. of the United States.

- **TruBass mode:** Technology that electrically applies the deep bass reproduction technique of pipe organs to reproduce bass without an equalizer
- **WOW mode:** A single circuit that combines three of the following technologies: SRS for a natural 3-dimensional field for stereo signals, Focus technology to move the sound image vertically and clarifies the contours of voices and musical instruments, and TruBass technology explained above.

SRS WOW image diagram



SRS WOW is a trademark of SRS Labs, Inc.

WOW technology is incorporated under license from SRS Labs, Inc.

Note: Surround sound cannot be reproduced when the source signal is monaural.

HOW TO USE THE PAGING/CALL FUNCTION

1



2



3

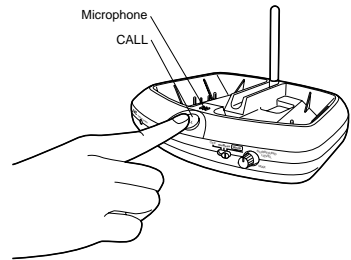


4



The transmitter has a built-in microphone for transmitting your voice, etc. to the headphones.

1. To send a message to the person wearing the headphones, press the CALL button on the transmitter and speak into it. Your voice is transmitted to the headphones as long as the CALL button is pressed (the line input sound is interrupted while the CALL button is pressed).



2. The microphone is next to the CALL button. Speak into it from at least 4 inches (10cm) away. Speaking too close to the microphone or speaking too loudly may cause the sound transmitted to the headphones to be distorted.

3. Pressing the CALL button while wearing the headphones may cause feedback (a howling sound) to occur. Turn the volume down on the headphone before pressing the CALL button.

TROUBLESHOOTING

What appears to be a malfunction may not always be serious. First make sure...

Symptoms	Cause	Remedy
No sound.	Is the transmitter's power OFF?	Check the connection of the transmitter. Turn the power on the connected AV equipment ON and start playing.
	Is the headphones' power OFF?	Widen the headphones to wear it and the power will turn on automatically (the indicator lights).
	Is the battery in the headphones exhausted?	Fully charge the headphones.
	Is the volume of the headphones set to the minimum level?	Adjust the volume of the headphones to the appropriate level.
	Is the volume of the connected AV equipment set to the minimum level?	Raise the volume level of the connected AV equipment as high as possible without causing distortion.
No sound from the R-channel.	Is the transmitter connected to equipment with monaural audio output?	Connect them with an optional plug adaptor. (Converts monaural audio output to stereo audio output.)
Distorted sound.	Is the battery in the headphones exhausted?	Fully charge the headphones.
	Is the volume of the connected AV equipment set too high?	Adjust the volume level of the connected AV equipment as high as possible without causing distortion.
Noisy sound.	Is the battery in the headphones exhausted?	Fully charge the headphones.
	Are the frequency modulation signals being received correctly?	Wear the headphones again to switch the power back on, then tune again.
	Is there a possibility of interference?	Switch the transmitter channel, wear the headphones again to switch the power back on, then tune again.
	Is the volume of the connected AV equipment set too low?	Adjust the volume level of the connected AV equipment as high as possible without causing distortion.
	Are the headphones too far away from the transmitter?	Use them within the range the frequency modulation signal can reach. (Refer to page 11)
Battery charging is impossible.	Has the rechargeable battery expired?	Replace it with a new battery. Refer to page 13 or consult your dealer for replacement.

SPECIFICATIONS

General Specifications

Modulation system	: Stereo frequency modulation system
Carrier frequency	: 906 – 908 MHz
Usable area (distance to reach)	: Max. 328 ft./100 m (using JVC measurement systems, under controlled ambient conditions)
Frequency response	: 30 – 16,000 Hz
Distortion	: Less than 4% (at 1 kHz)

Transmitter (J22176-001)

Power requirements	: DC 7.5 V (with the exclusive AC adaptor)
Audio input terminals	: 0.13"/3.5 mm dia. stereo minijack, RCA pin jack x 2
Input impedance	: 27k Ω
Reference input level	: 300 mV
Dimensions	: 7.75" (W) x 5.39" (H) 4.76" (D)/197 x 137 x 121 mm (including antenna)
Mass	: 11.2 oz/320 g (without connection cord and AC adaptor)

Headphones (HA-W1000RF)

Power requirements	: Rechargeable Ni-MH battery (2.4 V)
Battery running time	: 35 hours (when charged for 24 hours)
Mass	: 9.52 oz/270 g (with installed rechargeable battery)

Provided Accessories

Instructions	x 1
AC adaptor	x 1
Connection cord	x 1 (0.13"/3.5 mm dia. stereo miniplug — RCA pin plug x 2: 5.9 ft./1.8 m)
Plug adaptor	x 1 (converts 0.13"/3.5 mm dia. stereo miniplug to a 0.24"/6.3 mm dia. standard stereo phone plug)

** Design and specifications subject to change without notice.*

HA-W1000RF-J/C

CORDLESS STEREO HEADPHONES


JVC
VICTOR COMPANY OF JAPAN, LIMITED

JVC



**CORDLESS FM STEREO HEADPHONES
KABELFREIER FM STEREO-KOPFHÖRER
DRAADLOZE FM STEREO HOOFDTELEFOON
CASQUE STEREO FM SANS FIL
CUFFIA STEREO FM CORDLESS
TRÅDLÖSA FM-STEREOHÖRLURAR MED
UPPLADDNINGSBART BATTERI
LADATTAVAT LANGATTOMAT FM STEREOKUULOKKEET**

HA-W1000RF-G



**INSTRUCTIONS
BEDIENUNGSANLEITUNG
GEBRUIKSAANWIJZING
MANUEL D'INSTRUCTIONS
ISTRUZIONI
BRUKSANVISNING
KÄYTTÖOHJEET**

LNT0018-001A

CORDLESS FM STEREO HEADPHONES

CE 0681 Ⓢ

863MHz — 865 MHz

THIS DEVICE IS INTENDED FOR USE IN THESE COUNTRIES:
 DIESES GERÄT IST FÜR DEN GEBRAUCH IN DEN FOLGENDEN LÄNDERN VORGESEHEN:
 DIT APPARAAT IS BEDOELD VOOR GEBRUIK IN DEZE LANDEN:
 DISPOSITIF PREVU POUR ETRE UTILISE DANS LES PAYS SUIVANTS:
 QUESTO DISPOSITIVO È DESTINATO PER L'USO IN QUESTI PAESI:
 DENNA APPARAT ÄR AVSEDD FÖR BRUK I DESSA LÄNDER:
 TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI NÄISSÄ MAISSA:

(A) (B) (CH) (D) (DK) (FIN) (F) (I) (L) (N) (NL) (S)

English	Hereby, JVC, declares that this HA-W1000RF is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Finnish	JVC vakuuttaa täten että HA-W1000RF tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Dutch	Hierbij verklaart JVC dat het toestel HA-W1000RF in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG
	Bij deze verklaart JVC dat deze HA-W1000RF voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 1999/5/EC.
French	Par la présente JVC déclare que l'appareil HA-W1000RF est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE
	Par la présente, JVC déclare que ce HA-W1000RF est conforme aux exigences essentielles et aux autres dispositions de la directive 1999/5/CE qui lui sont applicables.
Swedish	Härmed intygar JVC att denna HA-W1000RF står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Danish	Undertegnede JVC erklærer herved, at følgende udstyr HA-W1000RF overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF
German	Hiermit erklärt JVC, dass sich dieser/diese/dieses HA-W1000RF in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMW)
	Hiermit erklärt JVC die Übereinstimmung des Gerätes HA-W1000RF mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG. (Wien)
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ JVC ΔΗΛΩΝΕΙ ΟΤΙ Η Α-W1000RF ΣΤΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΤΣΙΩΔΕΙΣ Α ΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙ Σ ΤΗΣ ΟΔΗΓ ΙΑΣ 1999/5/ΕΚ
Italian	Con la presente JVC dichiara che questo HA-W1000RF è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Spanish	Por medio de la presente JVC declara que el HA-W1000RF cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE
Portuguese	JVC declara que este HA-W1000RF está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

SPECIFICATIONS

General Specifications

Modulation system	: Stereo frequency modulation system
Carrier frequency	: 863 – 865 MHz
Usable area (distance to reach)	: Max. 100 m (using JVC measurement systems, under controlled ambient conditions)
Frequency response	: 30 – 16,000 Hz
Distortion	: Less than 4% (at 1 kHz)

Transmitter (J22176-002)

Power requirements	: DC 7.5 V (with the exclusive AC adaptor)
Audio input terminals	: 3.5 mm dia. stereo minijack, RCA pin jack x 2
Input impedance	: 27k Ω
Reference input level	: 300 mV
Dimensions	: 197 (W) x 137 (D) x 121 (H) mm (including antenna)
Mass	: 320 g (without connection cord and AC adaptor)

Headphones (HA-W1000RF)

Power requirements	: Rechargeable Ni-MH battery (2.4 V)
Battery running time	: 35 hours (when charged for 24 hours)
Mass	: 270 g (with installed rechargeable battery)

Provided Accessories

Instructions	x 1
AC adaptor	x 1
Connection cord	x 1 (3.5 mm dia. stereo miniplug — RCA pin plug x 2: 1.8 m)
Plug adaptor	x 1 (converts 3.5 mm dia. stereo miniplug to a 6.3 mm dia. standard stereo phone plug)

** Design and specifications subject to change without notice.*

ENGLISH

This product's performance would be degraded under a strong electro-static environment. And the function would be self-recoverable after the above case.

This product's performance would be degraded since the disturbance from the mains cord. And the function would be self-recoverable after the above case.

DEUTSCH

Die Leistung dieses Produkts würde sich in einer stark elektrostatisch geladenen Umgebung verschlechtern.

Und die Funktion würde sich nach dem obigen Fall selbst wiederherstellen.

Die Leistung dieses Produkts würde sich aufgrund einer Störung durch das Netzkabel verschlechtern.

Und die Funktion würde sich nach dem obigen Fall selbst wiederherstellen.

NEDERLANDS

De prestatie van dit product neemt af in een omgeving met een sterk elektrostatisch veld.

De normale werking wordt echter automatisch hersteld wanneer de storingsbron wordt weggenomen.

De prestatie van dit product neemt af als het netsnoer storingen oppikt.

De normale werking wordt echter automatisch hersteld wanneer de storingsbron wordt weggenomen.

FRANÇAIS

Les performances de ce produit se détérioreront dans un environnement fortement électro-statique.

Par ailleurs, le fonctionnement se restaurera de lui-même dans le cas ci-dessus.

Les performances de ce produit se détérioreront en cas de perturbations du cordon d'alimentation.

Par ailleurs, le fonctionnement se restaurera de lui-même dans le cas ci-dessus.

ITALIANO

La prestazione di questo prodotto potrebbe deteriorarsi in presenza di un forte ambiente elettrostatico.

La funzione dovrebbe ripristinarsi automaticamente dopo il caso descritto sopra.

La prestazione di questo prodotto potrebbe deteriorarsi a causa di disturbi provenienti dal cavo di alimentazione.

La funzione dovrebbe ripristinarsi automaticamente dopo il caso descritto sopra.

SVENSKA

Denna produkts prestanda kan försämras i en starkt elektrostatisk miljö.

Funktionen kan dock återställas automatiskt i ovanstående fall.

Denna produkts prestanda kan försämras på grund av störningar från nätkabeln.

Funktionen kan dock återställas automatiskt i ovanstående fall.

SUOMI

Tämän tuotteen suorituskyky heikkenee huomattavasti ympäristössä, jossa on voimakasta sähköistä staattisuutta.

Toiminto palautuu ennalleen itsestään yllä olevan tilanteen korjaututtua.

Tämän tuotteen suorituskyky heikkenee verkkojohdossa olevien häiriöiden johdosta.

Toiminto palautuu ennalleen itsestään yllä olevan tilanteen korjaututtua.