

# Wireless Stereo Headphone System

## Operating Instructions

### MDR-RF800RK

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## WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only. Connect AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in AC power adaptor, disconnect it from the AC outlet immediately.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.



Hereby, Sony Corp., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For details, please access the following URL : <http://www.compliance.sony.de/>



**Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)**

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

## ▶ Getting started

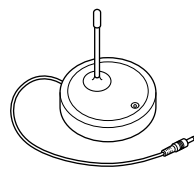
### Unpacking

Check that you have the following items:

- The headphones (1)



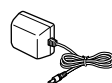
- The transmitter (1)



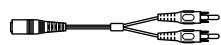
#### Note

If the antenna cover come off from the transmitter, put the cover back into the transmitter.

- AC power adaptor (1)



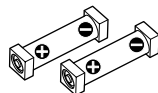
- Unimatch plug cord (1) (stereo mini jack ↔ stereo plugs)



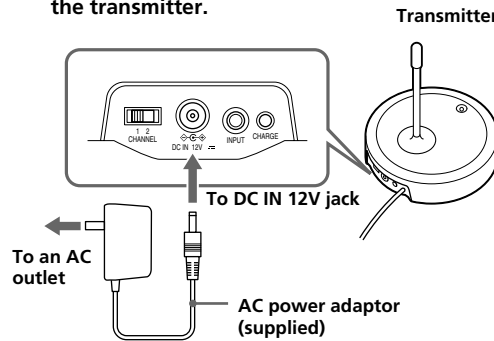
- Connecting cord (1) (stereo mini plug ↔ stereo mini plug), 1 m



- Rechargeable nickel-metal hydride batteries (2)

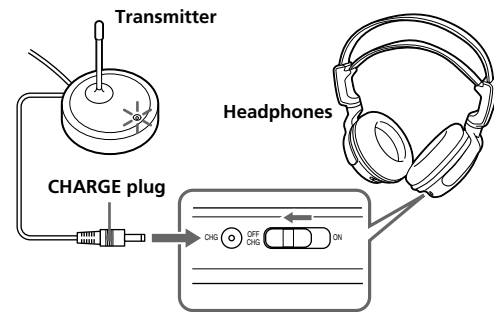


## 4 Connect the supplied AC power adaptor to the transmitter.



## 5 Make sure to set the switch located on the left housing of the transmitter to OFF/CHG. After that, connect the CHARGE plug of the transmitter to jack located on the left housing.

POWER indicator located on the transmitter lights up red. Charging will take about 16 hours, after which the charging indicator will go off.



### When the transmitter's POWER indicator does not light up red

Check if the switch on the left housing of the headphones is set to OFF/CHG. If the switch is set to ON, the POWER indicator does not light up.

### To recharge the headphone batteries after use

Connect the headphones to the CHARGE plug of the transmitter in the same manner as described in step 5 of "Charging the supplied rechargeable batteries" after use. Since the built-in timer recognizes when charging is complete, there is no need to remove the headphones from the transmitter after charging.

#### Notes

- Do not connect the CHARGE plug to anything other than these headphones.
- The transmitter automatically stops sending RF signals while charging the batteries.
- This system is designed to charge only the supplied rechargeable batteries type BP-HP550 for safety. Note that other types of rechargeable batteries cannot be charged with this system.
- If dry batteries are installed, they cannot be charged.
- Do not attempt to use the supplied BP-HP550 rechargeable batteries for other components. They are for use with this system only.
- Charge in an environmental temperature of between 0 °C and 40 °C (between 32 °F and 104 °F).

### Charging and usage hours

Approx. charging hours	Approx. usage time*1
1 hour	30 minutes*3
16 hours*2	10 hours*3

\*1 at 1 kHz, 1 mW+1 mW output

\*2 hours required to fully charge empty batteries

\*3 Time stated above may vary, depending on the temperature or conditions of use.

### Using the headphones with dry batteries (sold separately)

Commercially available (size AAA) dry batteries can also be used to power the headphones. Install the batteries in the same manner as described in steps 1 through 3 of "Charging the supplied rechargeable batteries."

When dry batteries are installed, the battery charge function will not be activated.

#### Battery life

Battery	Approx. hours*1
Sony alkaline battery LR03/AM-4(N)	28 hours*2

\*1 at 1 kHz, 1 mW+1 mW output

\*2 Time stated above may vary, depending on the temperature or conditions of use.

#### Notes on Batteries

- Do not charge a dry battery.
- Do not carry a dry battery together with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery accidentally come into contact with metallic objects.
- If you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage or corrosion.

### Checking the remaining battery power

Turn ON the switch located on the left housing of the headphone, and check the POWER indicator located on the left housing. The batteries are still serviceable when the indicator lights up red. Charge the rechargeable batteries or install new dry batteries if the POWER indicator light dims, flashes, or the sound becomes distorted or noisy.

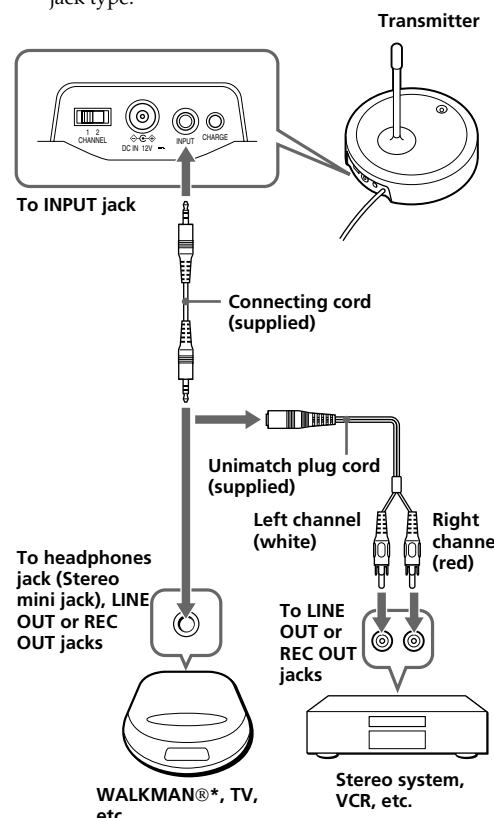
#### Note

The rechargeable nickel-metal hydride batteries should be replaced with new ones when they last only half the expected time after a proper recharging. The rechargeable batteries type BP-HP550 are not commercially available. You can order the batteries from the store where you purchased this system, or at your nearest Sony dealer.

## Setting up the transmitter

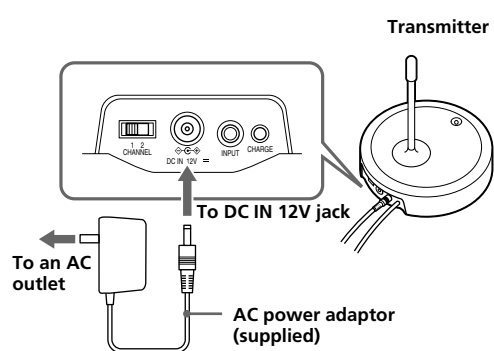
### 1 Connect the transmitter to audio/video equipment.

Select one of the hookups below depending on the jack type:



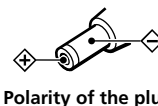
\* "WALKMAN" and "WALKMAN" logo are registered trademarks of Sony Coporation.

### 2 Connect the supplied AC power adaptor to the transmitter.



#### Notes

- Use only the supplied AC power adaptor. Do not use any other AC power adaptor.



- When the transmitter is placed on or near a TV, it may pick up a noise. In such a case, place the transmitter away from the TV.

- If the connected equipment has the AVLS (Automatic Volume Limiter System) function, be sure to turn the function off when using the transmitter. Otherwise, you will have to turn up the volume of the headphones, and that may cause noise.

## ▶ Operating the system

### Listening to a programme

#### Before listening

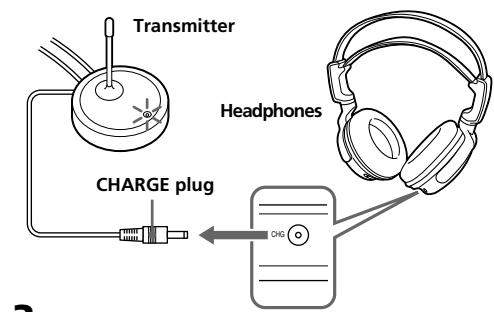
To reduce the risk of hearing damage, first lower the volume.

### 1 Turn on the audio/video equipment connected to the transmitter.

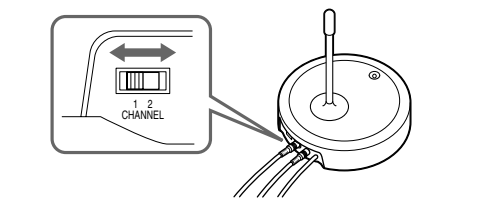
If the transmitter is connected to the headphone jack, set the volume control of the audio source equipment as high as possible but not so high that the audio signal becomes distorted.

### 2 Disconnect the CHARGE plug from the headphones.

The transmitter's power indicator lights up green.

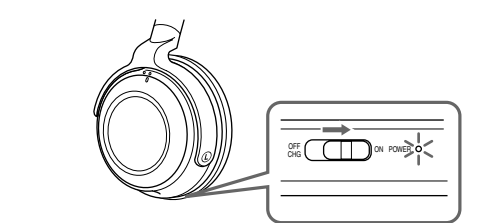


### 3 Select the radio frequency with the CHANNEL selector switch.



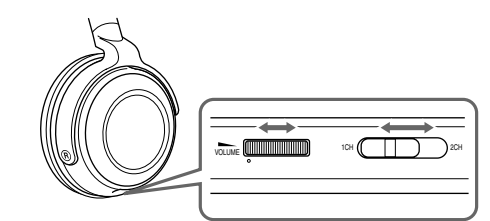
## 4 Turn on the switch on the left housing of the headphones.

Check if the power indicator on the left housing lights up red. Place the right housing (R) on your right ear and the left housing (L) on your left ear.



## 5 Select the channel to that of the transmitter with the switch on the right housing of the headphones.

Turn up the volume to a moderate level with the VOLUME control on the left housing.



### Sending RF signals from the transmitter

The transmitter starts sending RF signals automatically when it detects an audio signal from the connected equipment.

If it does not detect an audio signal for more than about 4 minutes, the transmitter will stop sending RF signals, and the POWER indicator will turn off. When the transmitter receives an audio signal again, it starts sending the RF signals, and the POWER indicator will light up green again. If the audio signal is very weak, the transmitter does not send RF signals. If the transmitter is connected to a telephone jack, make sure the volume of the equipment connected is set to 5 - 6 or higher. You may not hear the beginning of the sound from the headphones until the transmitter starts sending the RF signals after detecting an audio signal.

#### Notes

- If hiss is heard, move closer to the transmitter.
- You may hear some noise when you disconnect the AC power adaptor from the transmitter before turn off the headphones.

## The effective areas of the transmitter

The optimum distance is up to approximately 100 m without the system picking up some interference. However, the distance may vary depending on the surroundings and environment. If the system picks up some noise within the above mentioned distance, reduce the distance between the transmitter unit and the headphones, or select another channel.

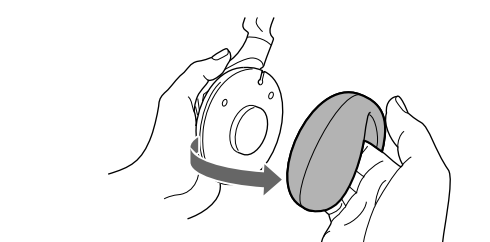
#### Notes

- When you use the headphones inside the effective areas of the transmitter, the transmitter can be placed in any direction from the listener.
- Even within the signal reception area, there are some spots (dead spots) where the RF signal cannot be received. This characteristics is inherent to RF signals, and does not indicate malfunction. By slightly moving the transmitter, location of the dead spot can be changed.

## Replacing the ear pads

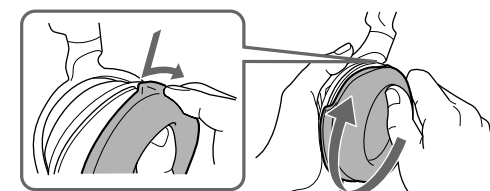
The ear pads are replaceable. If the ear pads become dirty or worn out, replace them as illustrated below. The ear pad is not commercially available. You can order replacements from the store where you purchased this system, or at your nearest Sony dealer.

### 1 Remove the old ear pad by pulling it out of the groove on the housing.



### 2 Place the new ear pad on the driver unit.

Hang the edge of the ear pad on one side of the driver unit's groove edge, then turn the edge of ear pad around the driver unit as illustrated below. When the ear pad is securely inserted into the groove, adjust the ear pad to the vertical position.



## ▶ Additional information

### Precautions

- If the transmitter is not to be used for a long period of time, disconnect the AC power adaptor from the AC outlet by holding the plug. Do not pull on the cord.
- Do not leave the wireless stereo headphone system in a location subject to direct sunlight, heat or moisture.

#### Notes on headphones

##### To reduce the risk of hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

#### Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

If you have any questions or problems concerning the system that are not covered in this manual, please consult your nearest Sony dealer.

Be sure to bring the headphones and the transmitter to the Sony dealer when requiring repair work.

## Troubleshooting

### No sound/Muffled sound

- Check the connection of the audio/video equipment or the AC power adaptor.
- Check that the audio/video equipment is turned on.
- Turn up the volume on the connected audio/video equipment, if the transmitter is connected to the headphones jack.
- Change the radio frequency with the CHANNEL selector on the transmitter, then select the same radio frequency with the switch on the right housing of the headphones.
- The mute function is activated.
  - Use the headphones near the transmitter.
- The headphones' POWER indicator light turns off, dims, flashes, or sound becomes distorted or noisy.
  - Charge the rechargeable battery if it is weak, or replace alkaline batteries with new ones. If the POWER indicator is still off after charging the battery, take the headphones to a Sony dealer.

### Distortion

- If the transmitter is connected to the headphone jack, turn down the volume on the connected audio/video equipment.
- Change the radio frequency with the CHANNEL selector on the transmitter and the switch on the right housing of the headphones.
- The headphones' POWER indicator light turns off, dims, flashes, or sound becomes distorted or noisy.
  - Charge the rechargeable batteries if it is weak, or replace alkaline batteries with new ones. If the POWER indicator is still off after charging the battery, take the headphones to a Sony dealer.

### Loud background noise

- Move closer to the transmitter. As you move away from the transmitter, more noise is likely to be heard.
- If the transmitter is connected to the headphones jack, turn up the volume of the connected audio/video equipment.
- Change the radio frequency with the CHANNEL selector on the transmitter, then select the same radio frequency with the switch on the right housing of the headphones.
- The headphones' POWER indicator light turns off, dims, flashes, or sound becomes distorted or noisy.
  - Charge the rechargeable battery if it is weak, or replace alkaline batteries with new ones. If the POWER indicator is still off after charging the battery, take the headphones to a Sony dealer.

## Specifications

### General

Carrier frequency	863.52 MHz, 864.52 MHz
Channel	Ch1, Ch2
Modulation	FM stereo
Frequency response	20 - 20,000 Hz

### Transmitter TMR-RF800R

Power source	DC 12 V: supplied AC power adaptor
Audio input	Stereo mini jack
Dimensions	Approx. 105 × 135 × 105 mm (4 1/4 × 5 3/8 × 4 1/4 in) (w/h/d)
Mass	Approx. 115 g (4.06 oz)
Rated power consumption	2.5 W

### Headphones MDR-RF800R

Power source	Supplied rechargeable nickel-metal hydride batteries BP-HP550 or commercially available (size AAA) dry batteries
Mass	Approx. 220 g (7.77 oz) incl. Batteries

Design and specifications are subject to change without notice.



#### Svenska

Härmed intygar Sony Corp. att detta högtalarsystem står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Mer information finns på webbadressen: <http://www.compliance.sony.de/>

#### Dansk

Undertegnede, Sony Corp., erklærer herved, at følgende udstyr overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Yderligere oplysninger findes på <http://www.compliance.sony.de/>

#### Suomi

Sony Corp. vakuuttaa täten, että tämä laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Lisätietoja on seuraavassa Web-sivustossa: <http://www.compliance.sony.de/>

#### Norsk

Herved erklærer Sony Corp.at dette utstyret er i overensstemmelse med vesentlige krav og andre relevante bestemmelser som fremgår av direktiv 1999/5/EC.

Gå til denne URL-en for mer informasjon: <http://www.compliance.sony.de/>

#### Ελληνικά

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Η Sony Corp. ΔΗΛΩΝΕΙ ΟΤΙ Η ΣΥΣΚΕΥΗ ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Για περισσότερες λεπτομέρειες, παρακαλούμε να επικοινωνήσετε με την παρακάτω ηλεκτρονική διεύθυνση (URL): <http://www.compliance.sony.de/>

#### Français

Par la présente, Sony Corp. déclare que cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE. Pour de plus amples informations, veuillez vous reporter à l'URL suivante : <http://www.compliance.sony.de/>

#### Deutsch

Hiermit erklärt die Sony Corporation, dass sich dieses Gerät in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet.

Erläuterungen dazu finden Sie unter folgendem URL: <http://www.compliance.sony.de/>

#### Español

Por medio de la presente, Sony Corp. declara que el equipo cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Para obtener más información, visite la dirección URL siguiente: <http://www.compliance.sony.de/>

#### Nederlands

Hierbij verklaart Sony Corp. dat dit toestel in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

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#### Italiano

Con la presente Sony Corp. dichiara che questo apparecchio è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

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<http://www.compliance.sony.de/>

#### Portugués

A Sony Corp., declara que este equipamento está conforme com os requisitos essenciais e outras provisões da directiva 1999/5/CE.

Para saber mais pormenores, aceda ao seguinte URL : <http://www.compliance.sony.de/>