

Car FM Stereo Transmitter

Operating Instructions

Mode d'emploi

Manual de instrucciones

DCC-FMT3

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http://www.sony.net/

For customers who purchased this product in the USA Please register this product on line at <http://www.sony.com/productregistration>. Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

English

WARNING

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

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

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

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note
This device complies with Part 15 of the FCC rules and RSS-210 of the IC rules.

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.

Features

With this unit, you can enjoy listening to audio played on portable audio devices through a car FM radio. Music from portable audio devices such as an HDD, flash memory, MD or CD WALKMAN®, etc., is transmitted to the car's FM radio via FM radio waves.

Stable clear sound

- Using the flexible transmitting antenna cable, it is possible to transmit a stable FM radio wave in any kind of car. The flexible transmitting antenna cable has a magnet to anchor itself to a metal part inside the car.

- Digital frequency selection, rather than analog, assures a more stable and clear transmission.

Easy operation with the frequency select dial

Select from 12 FM radio frequencies (channels) to transmit.

Compact design

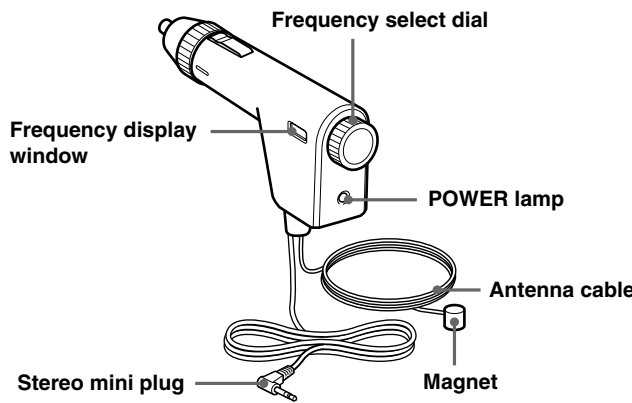
The small design of this unit allows it to be used in the cigarette lighter socket. This unit is designed so as its protruding part is in one direction only, and when installed can be rotated in order to avoid any obstructions around the cigarette lighter socket.

No dry batteries

This unit connects to a 12 V or 24 V DC car battery (cigarette lighter socket), available in many types of cars and trucks.

*"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products.

Identifying the parts



Connections

Set the car radio

- Set your car radio to FM.
- Select a channel that does not get good FM broadcast reception from the list below.

88.1 MHz, 88.3 MHz, 88.5 MHz, 88.7 MHz, 88.9 MHz, 106.7 MHz, 106.9 MHz, 107.1 MHz, 107.3 MHz, 107.5 MHz, 107.7 MHz, 107.9 MHz

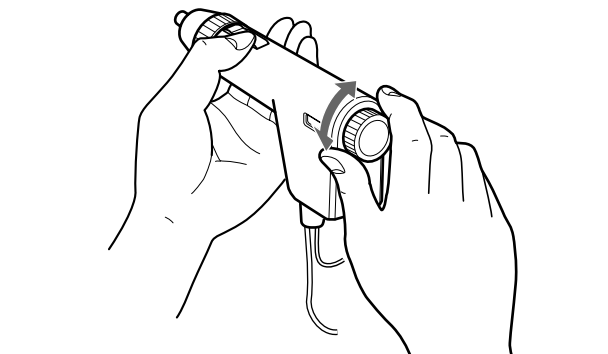
The FM broadcast reception conditions may change as your location changes. If the selected frequency becomes occupied by a broadcast signal, select another open frequency.


Notes

- For details about car radio settings, refer to the car radio operating instructions.
- Turn the car radio volume down before setting the car radio.

Install the unit

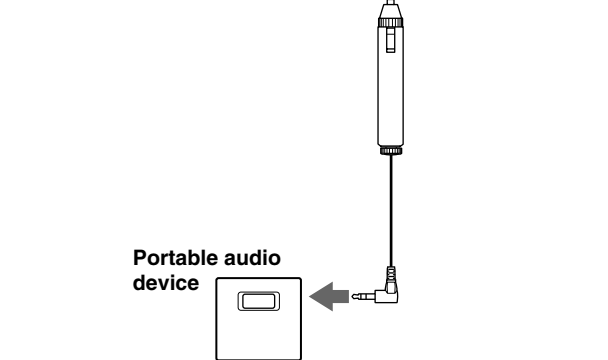
- Rotate the frequency select dial to select the same frequency that you set on the car radio.



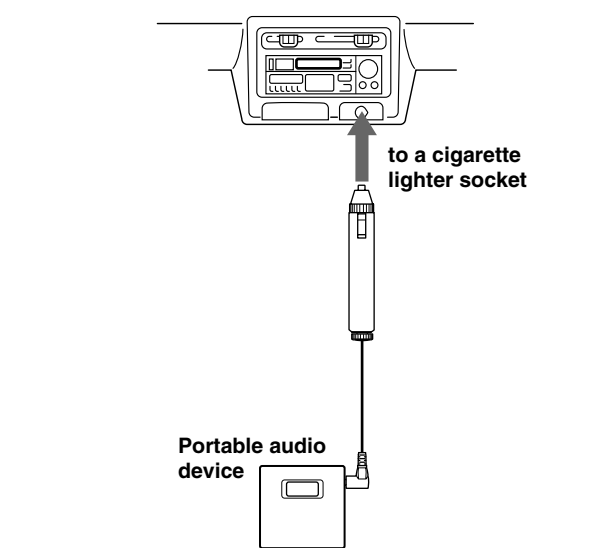
The selected frequency appears in the frequency display window. The  mark appears at the transition point between a low frequency band (88.1 MHz–88.9 MHz) and a high frequency band (106.7 MHz–107.9 MHz). The mark is a border between high frequency and low frequency.

- Connect the stereo mini plug to the headphone jack on the portable audio device.

If your portable audio device has separate settings for headphone and LINE OUT, set the portable audio device to the headphone setting. Sound may be distorted if it is connected to LINE OUT.



- Insert this transmitter (this unit) into the cigarette lighter socket.



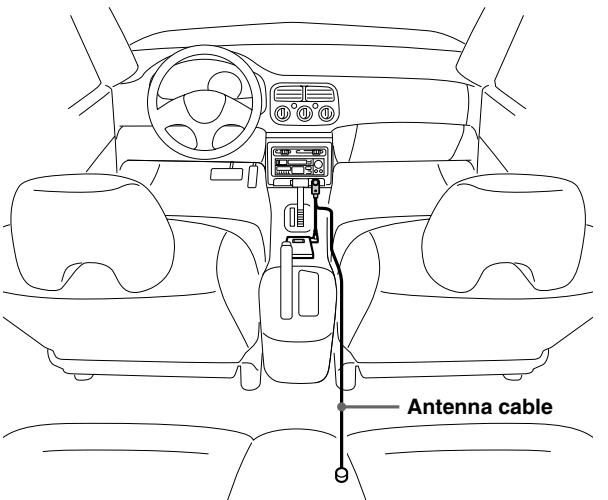
- Start playback on the portable audio device.

Notes

- Do not activate any bass boost or equalizer function on the portable audio device. Refer to the operating instructions supplied with the portable audio device.
- Set the volume control of the portable audio device as high as possible, but not so high that the audio signal becomes distorted. If sound is still low, turn the volume up on the car radio.

- Route the antenna cable inside the car for best audio reception from this unit. The method to install the antenna cable will depend on your car type. Find the position that provides the best reception, and then install the cable.

<Example of installation in a car with its FM radio antenna built in the rear window, or its rod antenna mounted on the rear of the car body>



Notes

- Route the antenna cable close to the car antenna. This may help to improve the reception from this unit.
- For details about the car radio antenna, refer to the car operating instructions.

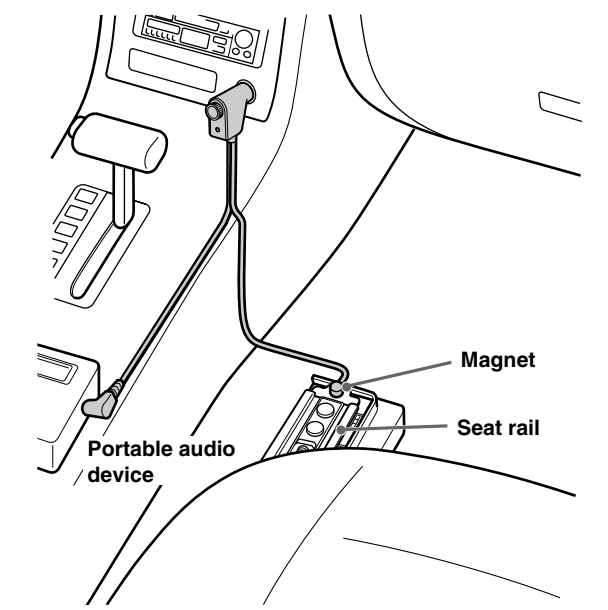
About the antenna cable magnet

The antenna cable is supplied with a magnet attached at the end. It is used to anchor the cable to a metal part of the car, such as a passenger's seat rail (see illustration below). The magnet at the end of the antenna cable is to anchor the antenna's best reception position and prevents it being moved, for example, when passengers get in or out of the car.

To use the antenna cable magnet, do the following.

- Route the antenna cable where the best reception from this unit is obtained.
- Attach the magnet at the end of the antenna cable to a metal part of the car, such as a passenger's seat rail, to anchor the antenna cable in place (see illustration below).

<Example of attaching the antenna cable magnet to a passenger's seat rail>



Use the above basic example as a general guideline. Adjust the antenna for the best reception, depending on your car.

- If the reception from this unit becomes worse after attaching the magnet at the end of the antenna cable to a passenger's seat rail, etc., in step ②, revert to a previous position (to best reception) in step ①, without using the magnet (without attaching it to a passenger's seat rail, etc.).

Notes

- Be careful to line the cable so that it will not interfere with driving, become entangled with passenger movements, or be damaged by seat adjustments, etc.
- If the magnet is attached near movable objects, such as doors or seat rails, make sure that the antenna cable does not become entangled. This may cause the wire to break.
- Do not leave floppy disks or personal credit cards with magnetic coding near the antenna cable magnet.

After the use of this unit declines

If the reception from this unit declines, even though it was good at the frequency set in the beginning, solve the problem referring to the following remedies, according to your circumstances.

After setup, reception from this unit declines while driving.

→ FM broadcast reception may be poor in certain locations, such as underground parking, behind tall buildings, etc. If the car radio and this unit were set up in such a location; due to poor FM broadcast reception, the frequency you set for this unit may be already occupied. If so, the occupying FM broadcast station is received when its reception conditions improve (as you drive) resulting in interference with this unit's same set frequency. In this case, reset the car radio and this unit to another open frequency in a location where the FM broadcast reception is better.

Reception from this unit is disrupted when you move to a new location.

→ FM broadcast reception conditions vary from one location to another. After setting an open frequency in one location, as you move to other areas, that frequency may become occupied by a broadcast station's signal. In this case, reset the frequency on both the car radio and this unit to another open frequency.

Interference or noise occurs.

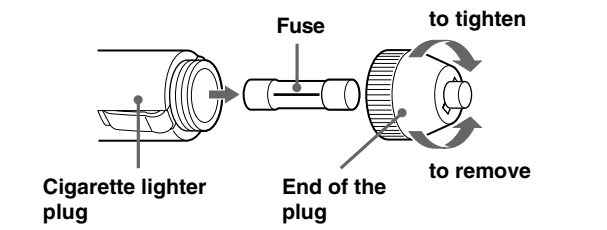
→ Other FM broadcasts or non-licensed broadcastings in a city area may interfere with the reception of the frequency set for this unit. In this case, set the car radio and this unit to a less-influenced frequency.

Notes

- Do not attempt to connect this unit, or to operate this unit, a portable audio device, or a car radio while driving or waiting at a traffic signal. Park in a safe place first.
- Plug securely into the cigarette lighter socket.
- This unit may not fit, depending on the location or shape of the cigarette lighter socket.
- Route the antenna cable and the audio cable (with the stereo mini plug at its end) in a manner that does not interfere with your driving, and is out of the reach of children.
- Install this unit in a manner that will not hinder the airbag function in an emergency.

Fuse replacement

If this unit does not work correctly, check the fuse in the cigarette lighter plug. If the fuse is blown, replace it.



- Pull this unit out of the cigarette lighter socket.
- Detach the end of the plug by turning it counter-clockwise.
- Take out the fuse.
- Check the fuse.
If the fuse is blown, go to Step 5.
If no fuse is blown, go to Step 6.
- Install a new fuse.
Use a fuse of the correct amperage, as stated on the fuse compartment of this unit (1 A, 125 V, 20 mm).
- Insert the fuse.
- Reattach the end of the plug by turning it clockwise firmly.

Notes

- Use of a higher amperage fuse may cause serious damage or fire.
- Do not use a piece of wire instead of a fuse.
- If the replaced fuse blows again, consult your dealer.

Precautions

- Do not attempt to connect this unit, or to operate this unit, a portable audio device, or a car radio while driving or waiting at a traffic signal. Park in a safe place first.
- Unplug this unit from the cigarette lighter socket whenever the engine of the car is not running. Depending on the car type, even if the ignition key is off, the power supply may not turn off automatically. In this case, this may cause unnecessary car battery consumption.
- When not in use, unplug this unit from the cigarette lighter socket and store in a safe place where it will not interfere with your driving or become entangled in parts of the car interior (seat, door, etc.).
- Be sure to fully secure the portable audio device connected to the unit to avoid moving when braking.
- Route the antenna cable or signal cable properly so that they will not interfere with your driving or become entangled in parts of the car interior (seat, door, etc.).
- Never yank or pull the antenna cable or signal cable. This may cause malfunctions or wire breaks.
- Do not drop or hit the unit. This may cause malfunctions.
- This unit may become warm while using. This is not a malfunction.

Troubleshooting

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

There is no sound from the portable audio device to the car radio.

- This unit is not fully plugged into the cigarette lighter socket.
→ Insert this unit correctly and securely.
- This unit is not fully connected to the portable audio device.
→ Connect this unit correctly and securely.
- The transmission frequency of the unit and the FM car radio do not coincide.
→ Set both the unit and the FM car radio to the same frequency.
- There is no sound from the connecting portable audio device.
→ Start playback on the portable audio device.
→ Set the volume control of the portable audio device as high as possible but not so high that the audio signal becomes distorted.

The volume is low.

- The volume of the portable audio device is set too low.
→ Set the volume control of the portable audio device as high as possible but not so high that the audio signal becomes distorted.
If sound is still low, turn the volume up on the car radio.

The sound is distorted.

- The input signal is too high.
→ If you connected to the LINE OUT jack on the portable audio device, disconnect and reconnect to the headphone jack.
- The bass boost function on the portable audio device is on.
→ Cancel the bass boost function.

Noise is generated.

- The frequency of the unit does not coincide with the FM car radio.
→ Set the unit and the FM car radio to the same frequency.
- The reception from this unit is not good.
→ Route the antenna cable for the unit inside the car. Position the antenna close to the car antenna, or stabilize the antenna cable with the magnet to the passenger's seat rail, and so on. This may help to improve the reception from this unit.
- The FM car radio receives a broadcast signal.
→ Select an empty frequency (a non-broadcast frequency, indicated by a static hissing sound).
- The selected frequency is occupied or the signal is jammed.
→ Select another open or frequency which is less influenced by jamming (a non-broadcast frequency, indicated by a static hissing sound).

The sound is interrupted.

- The signal is jammed locally.
→ Select another frequency which is less influenced by jamming (a non-broadcast frequency, indicated by a static hissing sound).

The POWER lamp does not light.

- This unit is not completely plugged into the cigarette lighter socket.
→ Insert this unit correctly and securely.
- Depending on the car type, the engine must be started for electric current to flow to the cigarette lighter socket.
→ Start the engine.
- The fuse is blown.
→ Replace the fuse.

Specifications

Transmission system

multiplex stereo

Transmission frequency

88.1 MHz, 88.3 MHz, 88.5 MHz, 88.7 MHz, 88.9 MHz, 106.7 MHz, 106.9 MHz, 107.1 MHz, 107.3 MHz, 107.5 MHz, 107.7 MHz, 107.9 MHz

Electric strength

less than 250 μV/m (3 m)

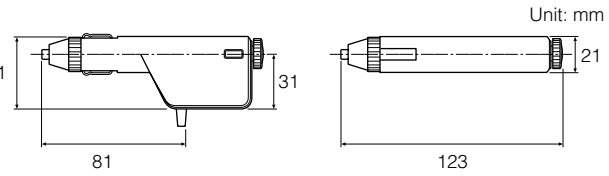
Power voltage

DC 12/24 V (only for negative ⊖ grounded cars)

Input

φ3.5 mm (stereo mini plug)

Dimensions



Signal cable length

Approx.1 m (3.3 ft)

Antenna cable length

Approx.1.5 m (4.9 ft)

Mass

Approx. 40 g (1.42 oz) (without cables)

Supplied accessories

Operating Instructions (1)

Design and specifications are subject to change without notice.

Français

AVERTISSEMENT

Pour éviter tout risque d'incendie ou de choc électrique, n'exposez pas l'appareil à la pluie ou à l'humidité.

Pour éviter tout choc électrique, n'ouvrez pas le boîtier. Confiez l'entretien à un technicien qualifié exclusivement.

N'installez pas l'appareil dans un espace confiné, tel qu'une bibliothèque ou une armoire encastrée.

Pour éviter tout risque d'incendie ou de choc électrique, ne placez pas d'objets remplis de liquide, tels que des vases, sur l'appareil.

Nous vous mettons en garde contre le fait que tout changement ou modification non expressément approuvé dans le présent manuel peut invalider votre droit à utiliser cet appareil.

Remarque

Cet appareil est conforme à la partie 15 de la réglementation FCC et à la règle IC RSS-210.

Son utilisation 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.

Caractéristiques

Cet appareil vous permet d'écouter des programmes avec des appareils audio portables par l'intermédiaire d'un autoradio FM. La musique provenant d'appareils portables tels qu'un lecteur HDD, une mémoire flash, un MD ou CD WALKMAN®, etc., est transmise à l'autoradio du véhicule par les ondes radio FM.

Son clair et stable

- Avec le câble d'antenne émetteur flexible, il est possible de transmettre une onde radio FM stable dans n'importe quelle voiture. Le câble d'antenne émetteur flexible dispose d'un aimant permettant de le relier à une partie métallique de la voiture.

- Une sélection numérique des fréquences, au lieu d'une sélection analogique, permet une transmission plus stable et claire.

Utilisation facile grâce à la molette de sélection des fréquences
Choix de 12 fréquences radio FM (canaux) pour la transmission.

Format compact

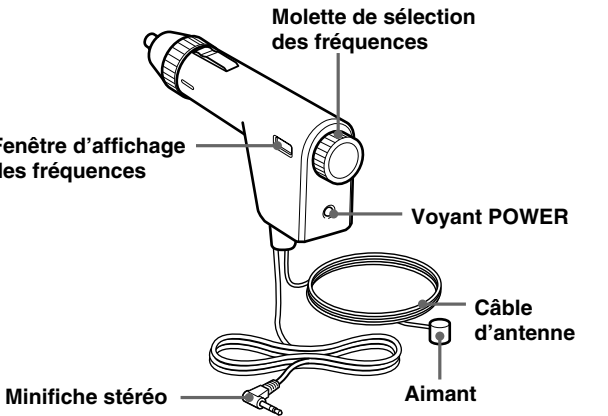
Le format compact de cet appareil vous permet de l'utiliser sur l'allume-cigare. Il est conçu de sorte à ne présenter une partie saillante que dans une direction, ainsi lorsqu'il est installé, il peut être pivoté afin de n'occasionner aucune gêne autour de l'allume-cigare.

Pas de piles sèches

Cet appareil se branche sur une batterie de voiture 12 V ou 24 V CC (allume-cigare) disponible dans la majorité des voitures et camions.

* « WALKMAN » est une marque déposée par Sony Corporation pour représenter les produits stéréo dotés d'écouteurs.

Identification des pièces



Raccordements

Réglez l'autoradio

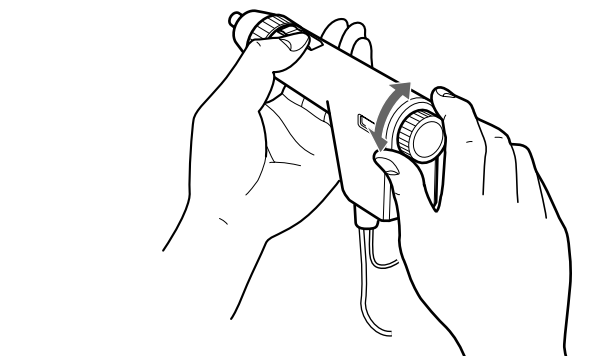
- Réglez votre autoradio à FM.
- Sélectionnez un canal dont la réception des émissions FM est médiocre dans la liste ci-dessous.
88.1 MHz, 88.3 MHz, 88.5 MHz, 88.7 MHz, 88.9 MHz, 106.7 MHz, 106.9 MHz, 107.1 MHz, 107.3 MHz, 107.5 MHz, 107.7 MHz, 107.9 MHz
Les conditions de réception FM peuvent changer au fur et à mesure que vous vous déplacez. Si la fréquence sélectionnée devient occupée par un signal d'émission, sélectionnez une autre fréquence libre.


Remarques

- Pour plus de détails sur les réglages de l'autoradio, reportez-vous au mode d'emploi de celui-ci.
- Baissez le volume avant de régler l'autoradio.

Installez l'appareil

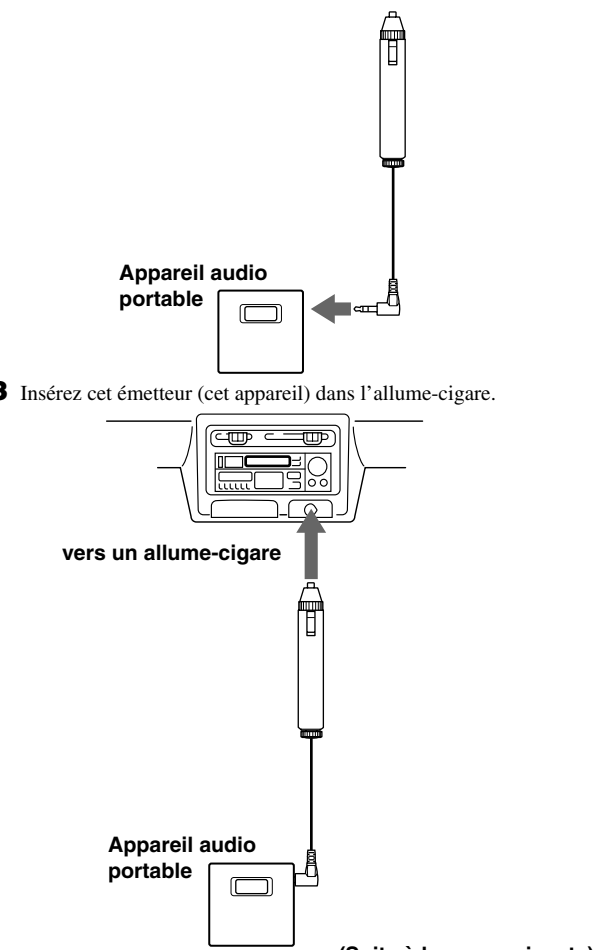
- Faites tourner la molette de sélection des fréquences pour sélectionner la même fréquence que celle réglée sur l'autoradio.



La fréquence sélectionnée s'affiche dans la fenêtre d'affichage des fréquences. La marque  apparaît au point de transition entre une bande basse fréquence (88.1 MHz–88.9 MHz) et une bande haute fréquence (106.7 MHz–107.9 MHz).
La marque représente une limite entre les hautes fréquences et les basses fréquences.

- Raccordez la minifiche stéréo à la prise casque de l'appareil audio portable.

Si votre appareil audio portable présente des réglages différents pour le casque et pour LINE OUT, réglez l'appareil audio portable au même réglage que le casque. Le son peut être déformé s'il est connecté à LINE OUT.



(Suite à la page suivante)

This warranty is valid only in the United States.

SONY

Portable Audio

LIMITED WARRANTY

(U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Term: For a period of ninety (90) days from the original date of purchase of the product, Sony will, at its option, repair or replace with new or refurbished product or parts, any product or parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss. A dated purchase receipt is required. For specific instructions on how to obtain warranty service for your product,

The Address of the Laredo Fulfillment Center is:

Laredo Fulfillment Center
10227 Crossroads Loop Suite B
Laredo, TX 78045

Visit Sony's Web Site:
www.sony.com/service

Or call the **Sony Customer Information Service Center**
1-800-222-SONY (7669)

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

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