

TV/WEATHER/FM Stereo/AM PLL Synthesized Headphone Radio

Operating Instructions



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



© 2004 Sony Corporation Printed in China

<http://www.sony.net/>

OWNER'S RECORD

The model number is located on the rear of the left side of the headphone radio and serial number inside the battery compartment. Record the serial number in the space provide below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. SRF-HM03V Serial No. _____

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.

WARNING

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

If you have any questions about this product, you may call;
Sony Customer Information Services Center 1-800-222-7669 or
<http://www.sony.com/>

Declaration of Conformity

Trade Name: SONY
Model: SRF-HM03V
Responsible Party: Sony Electronics Inc.
Address: 16450 W. Bernardo Dr, San Diego, CA 92127 USA
Telephone Number: 858-942-2230

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Features

- PLL synthesized tuning 4 band radio.
- Designed for hands-free use.
- A total of 30 stations can be preset, 5 TV stations, 5 WEATHER stations, 15 FM stations and 5 AM stations.
- TV/WEATHER/FM SENS (sensitivity) DX/LOCAL selector for better reception.
- MEGA BASS for dynamic bass sound system.
- Light reflector to reflect car lights at night for your safety.
- Water-resistant body for all weathers operation.

Precautions

- Operate the unit only on 1.5V DC with one size AAA (R03) battery.
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked under the sun.
- Should any solid object or liquid fall into the unit, remove the battery and have the unit checked by a qualified personnel before operating it any further.
- In vehicles or buildings, radio reception may be difficult or noisy. Try listening near a window.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.

Notes on Headphones

Road safety
Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing 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 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 people around you.

- Cautions on Water-resistance**
This unit is designed so that it can be used with slight exposure to rain, snow and other forms of moisture, but there are several points on which caution should be observed.
- Do not allow it to come into contact with large amounts of water.
 - Do not immerse it in water.
 - If water should get on it or if it should fall into water, take it out immediately and wipe it off with a dry cloth. To prevent the battery from corroding, wipe out the interior of the battery compartment as follows:
 - Open or close the battery compartment with dry hands in a place without exposure to any water.
 - Wipe off the battery and the inside of the battery compartment. Give special attention to the contacts so that no water remains on them.

Warning
If there is lightning when you are using the unit, take off the headphones immediately.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

The preset stations may be initialized, if a maintenance service is performed. Please keep a copy of your settings in case you want to preset them again.

Specifications

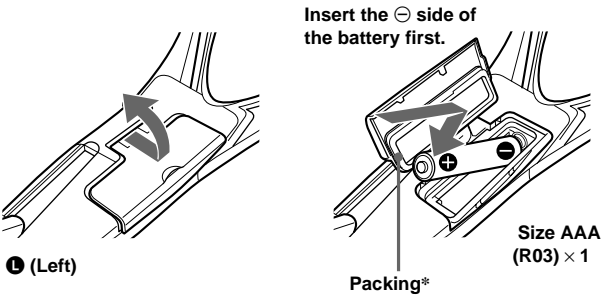
Time display: 12-hour system		
Frequency range:		
Band	Range	Channel step
TV	2 - 13 ch	1 channel
WEATHER	1 - 7 ch	1 channel
FM	87.5 - 108 MHz	0.1 MHz
AM	530 - 1 710 kHz	10 kHz
	531 - 1 710 kHz	9 kHz

Headphone type: Dynamic
Power output: 7 mW + 7 mW (at 10 % harmonic distortion)
Power requirements: 1.5V DC, one size AAA (R03) battery
Mass: Approx. 159 g (5.6 oz) incl. a battery

Design and specifications are subject to change without notice.

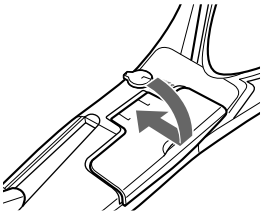
Installing the Battery

- 1 Open the battery compartment lid and install one battery (not supplied).
When the battery is first installed, “AM 12:00” flashes in the display. Once the current time is set, the flashing stops. (See “Setting the Clock”)



* The attached packing is used to ensure water-resistance for the battery compartment. Therefore, make sure to close the battery compartment lid securely.

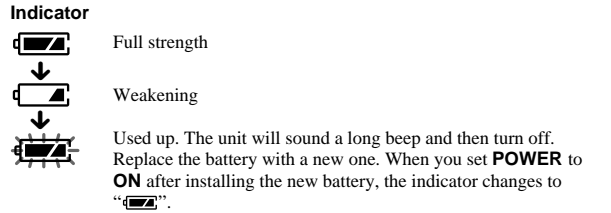
- 2 To close the lid, press the center of the lid firmly and push it back to its original position as illustrated.



Battery Life (Approx. hours)	(JEITA*)			
	TV	WEATHER	FM	AM
Sony alkaline size AAA (LR03) battery	33	33	37	57
Sony size AAA (R03) battery	14	14	16	26

* Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards.
The actual battery life may vary depending on the circumstance of the unit.

When to replace the battery
You can check the remaining battery power that appears in the display. The indicators are as follows:



Note on replacing the battery
Do not take more than 5 minutes to replace the battery, otherwise, the clock setting, preset stations and the AM channel step will be initialized. Should that happen, reset the functions.

Notes on battery

- Do not charge the dry battery.
- Do not carry the 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.
- When you are not going to use the unit for a long time, remove the battery to avoid damage from battery leakage and corrosion.

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc
DAT/Radio/Head Phone/Speaker/MIC/Personal

Portable Audio

LIMITED WARRANTY

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. LABOR: For a period of one (1) year from the date of purchase, if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony authorized service facility. After the Warranty Period, you must pay for all labor charges.

2. PARTS: In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After the warranty period, you must pay for all parts costs.

3. ACCESSORIES: Parts and labor for all accessories are for one (1) year.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Customer Information Services Center
1-800-222-7669
or visit the Sony Web Site:
www.sony.com

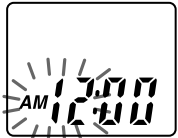
For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

Setting the Clock

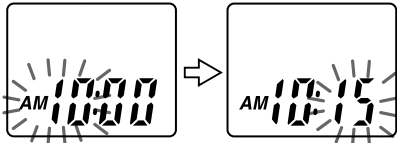
The clock time display of this unit is a 12-hour system.
When the battery is first installed, “AM 12:00” flashes in the display.

- 1 Set **POWER** to OFF to turn off the power.
- 2 Hold down **MEGA BASS/CLOCK** for more than 2 seconds until “AM 12” starts flashing.



- 3 Press **TUNE +** or **-** to adjust the hour, then press **MEGA BASS/CLOCK**.

If you hold down **TUNE +** or **-**, the digit changes rapidly.
“AM 12:00”= midnight, “PM 12:00”= noon.



- 4 Repeat step 3 above to adjust the minute.
“:” starts flashing and the clock starts operating.
To set the current time exactly to the second, adjust the minute and then press **MEGA BASS/CLOCK** to synchronize with a time signal (such as the telephone time signal).

Note
If you do not press **TUNE +** or **-**, or **MEGA BASS/CLOCK** within one minute, the clock setting mode will be canceled.

Wearing the Headphone Radio

(See fig **A**)

- 1 Wear the **Ⓐ** side driver unit in your left ear and the **Ⓑ** side in your right ear as illustrated.
- 2 Adjust the position of the driver units for a comfortable fit.

Changing AM Channel Step

The AM channel step differs depending on areas. The channel step of this unit is factory-set to 10 kHz. Change the settings as shown below to be able to listen to the radio.

Area	Channel step
North and South American countries	10 kHz
Other countries	9 kHz

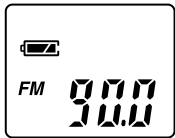
Note
When the AM channel step is changed, only the preset stations on the AM band will be initialized.

- 1 Set **POWER** to OFF to turn off the power.
- 2 While holding down **MODE**, hold down **TUNE +** or **-** for more than 5 seconds.
The channel step will change and “9” kHz (or “10” kHz) will flash for 3 seconds in the display.
If you proceed to step **2** again, the channel step changes again.

Playing the Radio

— Manual Tuning

- 1 Set **POWER** to ON to turn on the power.
- 2 If “PRESET” is displayed, press **MODE** so that “PRESET” disappears.



Pressing **MODE** will switch over between manual tuning mode and preset tuning mode.

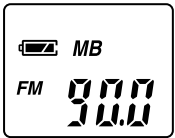
- 3 Press **BAND** to select the band.
Each press changes the band as follows:
→ AM → FM → TV → WEATHER →
4 Press **TUNE +** or **-** to select the desired frequency.
If you hold down **TUNE +** or **-**, the frequency or channel changes rapidly.
When the frequency matches the broadcast frequency, the broadcast will be received.
- 5 Adjust the volume using **VOL**.
To turn off the radio, set **POWER** to OFF.

Improving Radio Reception

TV/WEATHER/FM: Set **TV/WB/FM SENS** to **LOCAL** if interference is prevalent when radio wave intensity is dramatically stronger.
Under normal conditions, set to **DX**.
AM: Move around to obtain better reception.

Obtaining Powerful Bass Sound

Press **MEGA BASS/CLOCK**.
“MB” appears in the display.



If the sound is distorted, or if you want to reduce the bass tone, press **MEGA BASS/CLOCK** again to turn off this function.
The MEGA BASS setting is not canceled even if the radio is turned off.

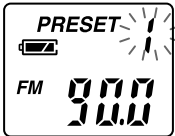
Presetting your Favorite Stations

— Preset Tuning

You can preset up to 5 stations each for TV, WEATHER and AM, and 15 stations for FM. Also, you can delete the preset station whether it is factory-set or preset by yourself.

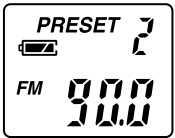
Presetting a Station

- 1 Follow steps 1 to 5 in “Playing the Radio” and manually tune in to the station you wish to preset.
- 2 Hold down **ENTER** until the preset number flashes.
If there is a preset number that has no preset station, that preset number flashes.
When all the preset numbers are set to certain stations (factory-set), “1” flashes and “PRESET” appears.



- 3 Press **TUNE +** or **-** to select the number you wish to preset, then press **ENTER**.
When you select the preset number using **TUNE +** or **-**, “PRESET” appears if that number has a preset station. If it has no preset station, only the number flashes and “PRESET” does not appear.
When you press **ENTER**, the selected preset number lights up in the display.

Example: Display window when you preset FM 90.0 MHz in preset number 2.



To preset another station, repeat these steps.
To change the preset station, preset a new station. The previous station will be canceled.

Note
If you do not press **TUNE +** or **-**, or **ENTER** within one minute, the preset tuning mode will be canceled.

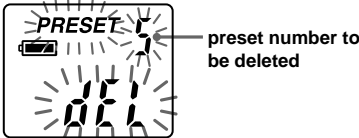
Tuning in to a Preset Station

- 1 Set **POWER** to ON to turn on the power.
- 2 Press **MODE** so that “PRESET” and preset number appear.
- 3 Select the band with **BAND**.
- 4 Press **TUNE +** or **-** to select the desired preset number.
- 5 Adjust the volume using **VOL**.
To turn off the radio, set **POWER** to OFF.

Note
If you hold down **MODE** for more than 2 seconds, the unit enters the preset station deleting mode. Press **MODE** again to return to the previous mode.

Deleting a Preset Station

- 1 Follow steps 1 and 2 in “Tuning in to a Preset Station”.
- 2 Select the band with **BAND**.
- 3 Press **TUNE +** or **-** to select the preset number to be deleted.
- 4 Hold down **MODE** for more than 2 seconds until “PRESET”, “dEL” and the preset number flash.



- 5 While the letters and the preset number are flashing, press **ENTER**.
The station set to the preset number just before the deleted station will be displayed.
To delete other stations, repeat steps **2** to **5**.
If all the preset stations are deleted, “PRESET -” appears in the display.

To cancel deleting, press **MODE** while “PRESET”, “dEL” and the preset number are flashing.