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SONY WM-FX495
FC Tested to Comply
 With FCC Standards
 FOR HOME OR OFFICE USE

Radio Cassette Player

Operating Instructions



WM-FX495

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For customers in the United States Owner's Record

The model number is located at the front and the serial number is located inside the cassette holder. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.
 Model No. WM-FX495
 Serial No.

Product registration

Please register this product on line at www.sony.com/productregistration.
 <<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.

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

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 Direct Response Center 1-(800)-222-7669 or write to: Sony Direct Response Center 12451 Gateway Blvd. Fort Myers, FL 33913

Declaration of Conformity

Trade Name: SONY
 Model No.: WM-FX495
 Responsible Party: Sony Electronics Inc.
 Address: 680 Kinderkamack Road, Oradell, NJ 07649 USA
 Telephone No.: 201-930-6972

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.

Preparations

To Insert Battery

- Slide and open the battery compartment lid, and insert one size AA (R6) dry battery with correct polarity.

Replace the battery with new one when " " flashes in the display.

To attach the battery compartment lid, if it is accidentally detached

Attach it as illustrated.

Playing a Tape

- If the HOLD function is turned on, slide the HOLD switch in the opposite direction of the ▷ mark on the main unit or the arrow on the remote control to unlock the controls.
- Insert a cassette.
- Press ◀▶ (play) • DIRECTION on the main unit, or if using the remote control, press ◀▶ (play) • ■ (stop).
 Adjust the volume with VOL.

When adjusting the volume on the Walkman
 Set the VOL control on the remote control at maximum.

When adjusting the volume on the remote control
 Set the VOL control on the Walkman slightly above the appropriate level.

Note on the cassette holder

When opening the cassette holder, press the ■ button and make sure the tape is stopped by checking through the cassette window, then slide the OPEN switch. If the cassette holder is opened before the tape is stopped, the tape may loosen and be damaged.

Operation on the main unit

To	Press
Switch playback to the other side	◀▶•DIRECTION during playback
Stop playback	■•RADIO OFF

Operation on the remote control

To	Press
Switch playback to the other side	◀▶•■ for 2 seconds or more during playback
Stop playback	◀▶•■ once during playback

Other tape operations

To	Press
Fast forward*	FF during stop
Rewind*	REW during stop
Play the same side from the beginning (Auto Play function)	REW during playback
Play the other side from the beginning (Skip Reverse function)	FF during playback

* If ◀▶•■ on the remote control is pressed during fast forward or rewind, the Walkman switches to playback.

To select playback mode

Press MENU repeatedly to set the cursor to MODE in the display. Then press SET to select the desired mode.

To play	Select
Both sides repeatedly	↻
Both sides once from the side facing the cassette holder	↺

Using Other Functions

To lock the controls

Set the HOLD switch to the direction of the ▷ mark on the main unit or the arrow on the remote control to lock the controls.

To emphasize bass sound

Press MENU repeatedly to set the cursor to MB (MEGA BASS) in the display. Then, press SET to show "●". With each press, the indications change as follows:
 ● : emphasizes bass sound (MEGA BASS)
 No message: off (normal)

Notes

- If the sound is distorted with the mode "MB", turn down the volume of the main unit or select normal mode.
- Bass emphasis may not show great effect if the volume is turned up too high.

To protect your hearing—AVLS (Automatic Volume Limiter System) function

When you set the AVLS function to active, the maximum volume is kept down to protect your ears.

Press MENU repeatedly to set the cursor to AVLS in the display. Then press SET to show "●".

Note

The AVLS function will be cancelled when you replace the battery.

Listening to the Radio

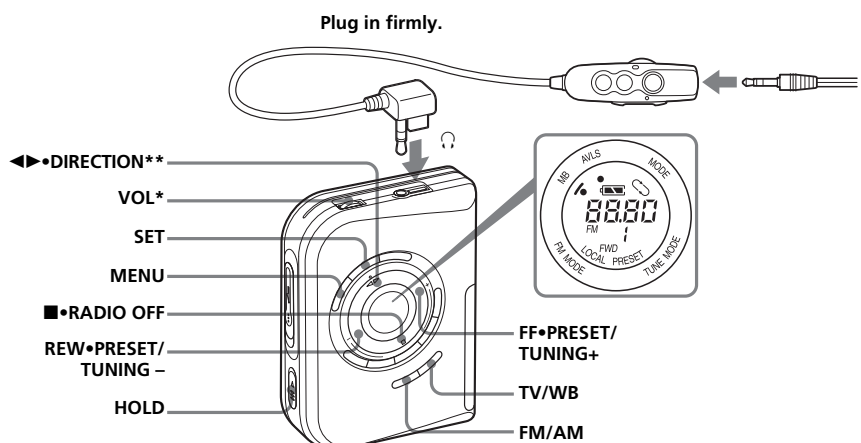
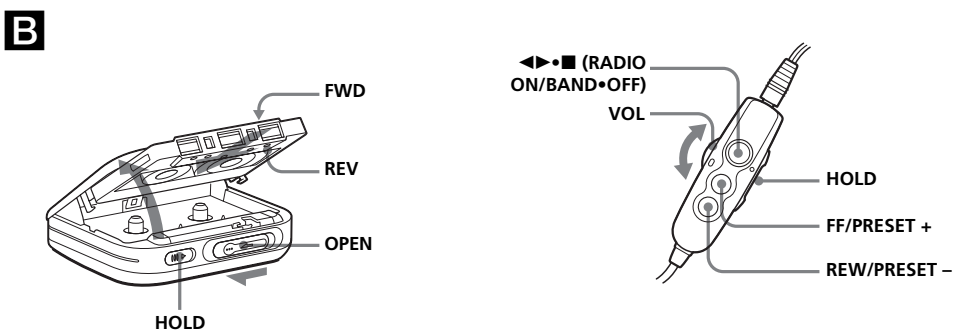
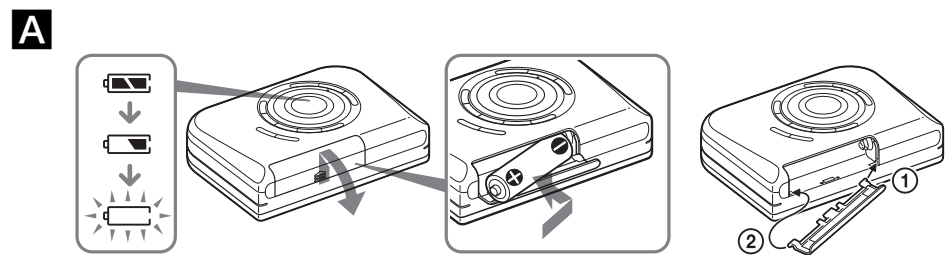
- If the HOLD function is turned on, slide the HOLD switch in the opposite direction of the ▷ mark on the main unit or the arrow on the remote control to unlock the controls.
 Make sure that the tape has stopped completely.
- Press FM/AM or TV/WB (weather) repeatedly to select the desired band and to turn on the radio.
- Press PRESET/TUNING + or - to tune in to the desired station.
 If the signal is strong, you can scan for stations. Press MENU repeatedly to set the cursor in the display to TUNE MODE and press SET to display "MANUAL". Then hold down PRESET/TUNING + or - for a few seconds.

To turn off the radio

Press ■•RADIO OFF.

To improve broadcast reception

- For FM/TV/WB:** Extend the remote control cord (antenna). If the reception is still not good, press MENU repeatedly to set the cursor in the display to FM MODE. Then press SET to switch between "LOCAL" and none (DX) for best reception.
- For AM:** Reorient the unit itself.



* There is a tactile dot beside VOL on the main unit to show the direction to turn up the volume.
 **The button has a tactile dot.

Specifications

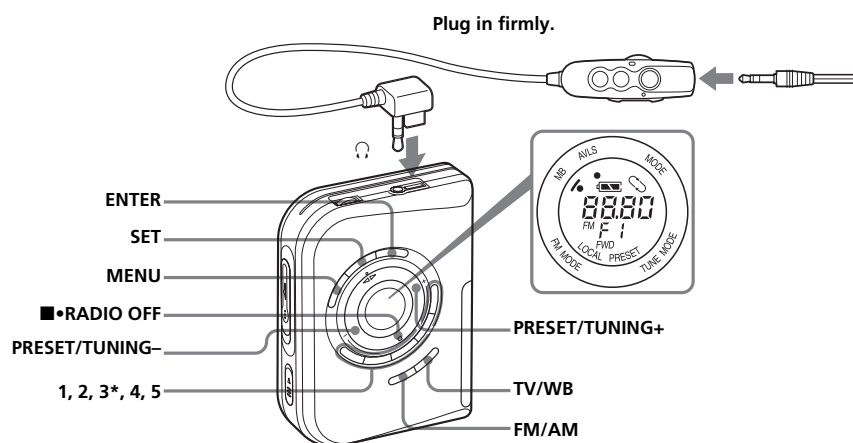
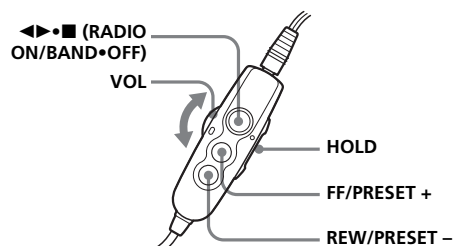
- Frequency range**
 TV: 2 - 13 ch WB (Weather): 1 - 7 ch
 FM: 87.5 - 108 MHz AM: 530 - 1 710 kHz
- Output**
 Headphones () jack Load impedance 8 - 300 Ω
- Power requirements**
 1.5V DC battery size AA (R6) x 1
- Dimensions (w/h/d)**
 Approx. 81.1 x 111.2 x 29.3 mm (3 1/4 x 4 1/2 x 1 1/16 in.), excl. projecting parts and controls
- Mass**
 Approx. 137 g (4.9 oz) (main unit only)
- Supplied accessories**
 Stereo headphones or earphones with remote control (1)
 Carrying case (1)

	Battery life* (approximate hours)	
	Sony alkaline LR6 (SG)**	Sony R6P (SR)
Tape playback	35	9
Radio reception	40	14

* Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association). (Using a Sony HF series cassette tape)
 **When using a Sony LR6(SG) "STAMINA" alkaline dry battery (produced in Japan).

Note
 • The battery life may be shorter depending on the operating condition, the surrounding temperature and battery type.

Design and specifications are subject to change without notice.

D

* The button has a tactile dot.

Presetting Radio Stations

D

You can preset up to 40 stations (7 for TV, 4 for WB, 24 for FM and 5 for AM).

Presetting Automatically Scanned Stations

- 1 Press FM/AM or TV/WB repeatedly to select the desired band.
- 2 Press and hold ENTER for more than 3 seconds.

Preset number 1 will flash in the display and the Walkman starts scanning the stations from the lower frequencies and stops for about 5 seconds when a station is received.

- 3 If you wish to preset the currently received station, press ENTER while the preset number is flashing.

The received station is preset on preset number 1 and the unit starts scanning for the next receivable station.

- 4 Repeat step 3 until all receivable stations are preset.

To stop scanning

Press (RADIO OFF). The radio is turned off at the same time.

Notes

- If stations are already stored, the newly preset stations replace the old ones when the above procedure is completed.
- If stations cannot be preset automatically, preset them manually.

Presetting Stations Manually

- 1 Press FM/AM or TV/WB repeatedly to select the desired band.
- 2 Press ENTER.

The frequency digits will flash in the display.

- 3 While the frequency digits are flashing, tune in to a station you wish to store using PRESET/TUNING + or - and press ENTER.

The preset number will flash in the display.

- 4 While the preset number is flashing, select the preset number you want using PRESET/TUNING + or - and press ENTER.

Notes

- If you cannot complete step 3 or 4 while the indicators are flashing, repeat from step 2.
- If a station is already stored, the new station replaces the old one.

Playing the preset radio stations

- 1 Press FM/AM or TV/WB repeatedly to select the desired band.
- 2 Press MENU repeatedly to set the cursor in the display to TUNE MODE. Then press SET to display "PRESET".
- 3 Press PRESET/TUNING + or -.

To cancel a stored station

- 1 Follow the procedure above and in step 3, select the preset number you want to cancel and then press ENTER. The frequency digits will flash in the display.
- 2 Press and hold PRESET/TUNING + or -. The frequency digit starts running up or down. Keep holding down the button until "----" is displayed.
- 3 Press ENTER while "----" is flashing. A preset number will flash in the display.
- 4 Press ENTER to cancel the stored station.

Scanning the preset radio stations — DAPS (Digital Auto Preset Scanning)

- 1 Press FM/AM or TV/WB repeatedly to select the desired band.
- 2 Press and hold FM/AM or TV/WB pressed in step 1 for 2 seconds or more.

The preset stations of the selected band will be played for about 5 seconds each. (During DAPS the indicators in the display flash.)

- 3 Press FM/AM or TV/WB again to select the station while the desired preset station is being played.

Notes

- If there are no stations stored, the DAPS function does not work.
- Until a station is selected in step 3, the DAPS function turned on in step 2 will continue.
- In step 2 or 3, if you select a band which you did not select in step 1 by pressing TV/WB or FM/AM, the newly selected band will be played normally.

Enjoying Your Favorite Radio Stations — DSB (Direct Station Buttons)

You can preset up to 5 of your favorite stations on the Direct Station Buttons (1 - 5) and play a station of your choice just by pressing the corresponding button.

- 1 Press FM/AM or TV/WB repeatedly to select the desired band.
- 2 Tune in to the desired station.
- 3 Hold down one of the Direct Station Buttons (1 - 5) to which you want to assign the station for 2 seconds.

When the station has been preset successfully, the beep sounds and the indication "F1", "F2", "F3", "F4" or "F5" appears in the display.

To play a preset radio station (DSB)

You can listen to the station you want by pressing the buttons (1 - 5) without selecting the band. Make sure that the tape has stopped completely.

Note

If 5 stations are already stored on the Direct Station Buttons, the newly preset station replaces the old one when the above procedure is completed.

To operate the radio with the remote control

To turn on the radio, press RADIO ON/BAND•OFF for more than one second (only while the tape is in stop mode).

To select a band, press RADIO ON/BAND•OFF for more than one second while the radio is on.

To tune in to or recall a preset station, press PRESET + or -.

To turn off the radio, press RADIO ON/BAND•OFF.

Precautions

On batteries

- Do not carry dry batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally contacted by a metallic object.
- When you are not going to use your Walkman for a long time, remove the battery to prevent damage from battery leakage and corrosion.

On handling

- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, or in a car with its windows closed.
- We do not recommend the use of tape longer than 90 minutes. They are very thin and tend to be stretched easily. This may cause malfunction of the unit or sound deterioration.
- The LCD display may become hard to see or slow down when using the unit at high temperatures (above 40°C/104°F) or at low temperatures (below 0°C/32°F). At room temperature, the display will return to its normal operating condition.
- If the unit has not been used for a long time, set it in the playback mode to warm it up for a few minutes before inserting a cassette.

On the remote control

Use the supplied remote control only with this unit.

On headphones/earphones

Road safety

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

Preventing hearing damage

Do not use headphones/earphones 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 the people around you.

On maintenance

- Clean the tape head and tape path using a cotton swab and commercially available cleaning solvent after every 10 hours of use.
- To clean the exterior, use a soft cloth slightly moistened in water. Do not use alcohol, benzene or thinner.
- Clean the headphones/earphones and remote control plugs periodically.

Troubleshooting

The display shows incorrect information.

- The battery is weak. Replace the battery with new one.

The display and the operation are not normal.

- Remove the power sources for 15 seconds or more, and then set them again.

This warranty is valid only in the United States.

SONY

LIMITED WARRANTY

Portable Audio

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

1. **LABOR:** For a period of 90 days 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 90 days from the date of purchase, labor for removal and installation is available from Sony authorized service facilities or a Sony Service Center at your expense.

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.

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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 Direct Response Center
1-(800)-222-7669
or write to:
Sony Direct Response Center
12451 Gateway Blvd.
Fort Myers, FL 33913

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

1-(800)-488-SONY (7669)

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