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Sony WM-FX101

Sony Walkman WM-FX101 User Manual

FM/AM Radio Cassette Tape Player with Anti-Rolling Mechanism and AVLS

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Sony Walkman WM-FX101 FM/AM Radio Cassette Tape Player. Designed for portable audio enjoyment, this unit features an Anti-Rolling Mechanism for stable tape playback and AVLS (Automatic Volume Limiter System) for hearing protection.

Please read this manual thoroughly before using your Walkman to ensure proper function and longevity of the device.

2. PRODUCT OVERVIEW



Figure 1: Front view of the Sony Walkman WM-FX101. This image displays the main face of the unit, including the cassette compartment, the FM/AM radio dial, and the "WALKMAN FM/AM AVLS WM-FX101" branding.



Figure 2: Side and rear view of the Sony Walkman WM-FX101. This perspective highlights the side controls such as volume, tuning, AVLS switch, headphone jack, and the rear belt clip.

3. SETUP

3.1 Battery Installation

The WM-FX101 requires two (2) AA batteries for operation. Ensure correct polarity when inserting the batteries.

1. Locate the battery compartment on the rear of the unit.
2. Slide the battery compartment cover in the direction indicated by the arrow to open.
3. Insert two AA batteries, matching the (+) and (-) terminals as shown inside the compartment.
4. Close the battery compartment cover securely.

Note: Remove batteries if the unit will not be used for an extended period to prevent leakage and damage.

3.2 Connecting Headphones

Connect your stereo headphones to the headphone jack () located on the side of the unit. Ensure the plug is fully inserted.

4. OPERATING INSTRUCTIONS

4.1 Cassette Tape Playback

1. Open the cassette compartment door by sliding the "RELEASE" button/latch.
2. Insert a cassette tape with the open edge facing upwards and the side to be played facing you.
3. Close the cassette compartment door firmly until it clicks.
4. Press the **PLAY** button to begin playback.
5. Adjust the **VOLUME** control to your desired listening level.
6. To stop playback, press the **STOP/EJECT** button.
7. Use the **REW** (Rewind) and **FF** (Fast Forward) buttons to navigate the tape.

Tape Type Selector (NORM / CrO2 / METAL)

The WM-FX101 features a tape type selector. Set this switch to match the type of cassette tape you are playing for optimal sound quality:

- **NORM:** For Normal (Type I) tapes.
- **CrO2 / METAL:** For Chrome (Type II) or Metal (Type IV) tapes.

4.2 FM/AM Radio Operation

1. Slide the function switch to **FM** or **AM**.
2. Rotate the **TUNING** dial to select your desired radio station.
3. Adjust the **VOLUME** control.
4. For FM reception, extend the headphone cord as it acts as the antenna. For AM reception, rotate the unit horizontally for best reception.

DX / LOCAL Switch

This switch adjusts the radio sensitivity:

- **DX:** For distant stations or weak signals.
- **LOCAL:** For strong local stations to prevent distortion.

4.3 AVLS (Automatic Volume Limiter System)

The AVLS switch helps protect your hearing by limiting the maximum volume output. There are typically two settings:

- **OFF:** AVLS is disabled, allowing full volume range.
- **ON (1 or 2):** AVLS is enabled, limiting the volume to a safe level. Setting '2' usually provides a lower maximum volume than '1'.

It is recommended to use AVLS, especially when listening for extended periods or in noisy environments.

5. MAINTENANCE AND CARE

- **Cleaning the Unit:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Cleaning the Tape Head:** Periodically clean the tape head, pinch roller, and capstan with a cotton swab lightly dampened with isopropyl alcohol. This helps maintain sound quality and prevents tape damage.
- **Battery Replacement:** Replace batteries when the sound becomes weak or distorted, or when the unit stops functioning. Always replace both batteries at the same time.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Unit does not turn on.	Batteries are dead or inserted incorrectly. Battery compartment contacts are dirty.	Replace batteries with new ones, ensuring correct polarity. Clean battery contacts with a cotton swab.
Poor sound quality / Distortion during playback.	Tape head or pinch roller is dirty. Tape type selector is incorrect. Worn-out tape.	Clean tape head and pinch roller (see Maintenance section). Adjust tape type selector to match the tape. Try a different tape.
Poor radio reception / Static.	Weak signal. Interference from other electronic devices. DX/LOCAL switch setting is incorrect.	Extend headphone cord (FM antenna). Rotate the unit for better AM reception. Move away from interfering devices. Adjust DX/LOCAL switch.
Tape speed is too slow or inconsistent.	Low batteries. Dirty pinch roller or capstan. Internal mechanism issue (requires professional service).	Replace batteries. Clean pinch roller and capstan. Contact Sony service center if problem persists.

7. SPECIFICATIONS

- **Model:** Sony Walkman WM-FX101
- **Dimensions (Approx.):** 8 x 6 x 4 inches (W x H x D)
- **Weight (Approx.):** 1 pound (excluding batteries)
- **Power Source:** 2 x AA Batteries
- **Radio Frequencies:** FM, AM
- **Features:** Anti-Rolling Mechanism, AVLS (Automatic Volume Limiter System)
- **Manufacturer:** Sony Corp.
- **First Available:** September 8, 2010

8. WARRANTY AND SUPPORT

This product is covered by Sony's standard limited warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your purchase or visit the official Sony support website.

For technical support, service, or inquiries regarding your Sony Walkman WM-FX101, please contact Sony customer service or visit their official support channels. Keep your proof of purchase for warranty claims.

Official Sony Support: <https://www.sony.com/electronics/support>

