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Sony UTX-B40

Sony UTX-B40 Wireless Bodypack Transmitter User Manual

Model: UTX-B40

1. Introduction

This manual provides essential instructions for the safe and effective use of your Sony UTX-B40 Wireless Bodypack Transmitter with Omni Lavalier Microphone. The UTX-B40 is designed for professional audio capture in various production environments, offering high-quality sound and reliable wireless transmission within the 536 to 608MHz frequency range. Please read this manual thoroughly before operating the device and retain it for future reference.

2. Safety Information

- **Power Source:** Use only the specified power source or batteries. Incorrect power sources can damage the unit or cause fire.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or immerse it in water. This can lead to electric shock or malfunction.
- **Ventilation:** Ensure adequate ventilation to prevent overheating. Do not block ventilation openings.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- **Battery Handling:** Follow proper battery installation and disposal guidelines. Do not mix old and new batteries or different types of batteries.
- **Operating Temperature:** Operate the unit within the recommended temperature range to ensure optimal performance and longevity.

3. Package Contents

Verify that all items are present in your package:

- Sony UTX-B40 Wireless Bodypack Transmitter
- Omnidirectional Lavalier Microphone
- Antenna

- Belt Clip (pre-attached or separate)
- Batteries (AA type, quantity may vary)
- Operating Instructions (this manual)

4. Setup

4.1. Installing Batteries

1. Open the battery compartment cover on the back of the transmitter.
2. Insert the supplied AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

4.2. Connecting the Lavalier Microphone

1. Locate the microphone input jack on the top of the UTX-B40 transmitter.
2. Connect the lavalier microphone's 3.5mm plug into the input jack. Ensure it clicks into place for a secure connection.
3. Attach the lavalier microphone to the user's clothing, approximately 6-8 inches from the mouth, for optimal sound capture.

4.3. Attaching the Antenna

Screw the supplied antenna firmly into the antenna connector on the top of the transmitter.

4.4. Powering On the Transmitter

Press and hold the **POWER** button until the display illuminates. The **POWER** indicator LED will light up green.



Image 1: Sony UTX-B40 Wireless Bodypack Transmitter with attached omnidirectional lavalier microphone and antenna. The display shows 'YH MIC', '08 2501', '536.125MHz', and 'UTX-B40'. Power and Audio indicator LEDs are visible, along with 'SET' and 'MUTE' buttons, and '+' and '-' navigation buttons.

4.5. NFC SYNC for Frequency Setting

The UTX-B40 features NFC SYNC for quick and secure channel setting with a compatible receiver (sold separately). To use NFC SYNC:

1. Ensure both the transmitter and receiver are powered on.
2. Activate NFC on your compatible receiver.
3. Touch the NFC detection area of the transmitter to the NFC detection area of the receiver.
4. The frequency information will be automatically transferred and set. Confirm the frequency on both devices' displays.

5. Operating the Transmitter

5.1. Display and Indicators

- **POWER LED:** Green indicates power on.
- **AUDIO LED:** Green indicates audio input is detected. Flashing or red may indicate audio clipping or issues.
- **LCD Display:** Shows channel number, frequency, battery status, and other operational information.

5.2. Adjusting Settings

1. Press the **SET** button to enter the menu.
2. Use the **+** and **-** buttons to navigate through menu options and adjust values.
3. Press **SET** again to confirm a selection or exit the menu.

5.3. Mute Function

Press the **MUTE** button to temporarily silence the microphone output. The display will indicate that the microphone is muted. Press again to unmute.

5.4. Powering Off

Press and hold the **POWER** button until the display turns off and the POWER LED extinguishes.

6. Maintenance

6.1. Cleaning

Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners, solvents, or strong detergents, as these can damage the finish or internal components.

6.2. Battery Care

- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Dispose of used batteries according to local regulations.

6.3. Storage

Store the transmitter in a cool, dry place away from direct sunlight and extreme temperatures. Protect it from dust and physical shock.

7. Troubleshooting

If you encounter issues with your UTX-B40, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Dead or incorrectly inserted batteries	Replace batteries or check polarity.
No audio output	Microphone not connected, muted, or incorrect frequency	Check microphone connection, unmute, verify frequency match with receiver.
Interference/Poor signal	Operating too far from receiver, environmental interference, or conflicting frequencies	Reduce distance to receiver, perform NFC SYNC again, or manually select a clear frequency.

Problem	Possible Cause	Solution
Audio distortion	Input level too high (clipping)	Adjust microphone input sensitivity on the transmitter.

If the problem persists after trying these solutions, please contact Sony customer support.

8. Specifications

- **Model Name:** UTX-B40
- **Frequency Range:** 536 to 608 MHz (25UC band)
- **Microphone Form Factor:** Lavalier (Omnidirectional)
- **Power Source:** Battery (AA type)
- **Number of Channels:** 1
- **Connectivity Technology:** NFC, Wireless
- **Dimensions (L x W x H):** Approximately 12.1 x 7.3 x 2.9 inches
- **Weight:** Approximately 1.38 pounds (including batteries)
- **Included Components:** Battery

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Sony support website. Keep your proof of purchase for warranty claims.

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Example: How do I reset this device or fix this error?

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