

Aiwa WHF-930D

Aiwa WHF-930D Wireless TV Headphones

Instruction Manual

1. INTRODUCTION

The Aiwa WHF-930D Wireless TV Headphones utilize RF 863-865 MHz stereo technology to provide a high-fidelity audio experience with freedom of movement. Designed for use with various audio devices, these headphones offer clear sound and a comfortable fit. This manual will guide you through the setup, operation, and maintenance of your new wireless headphones.

2. SAFETY INFORMATION

- Do not expose the unit to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the unit to strong impacts.
- Do not disassemble or modify the unit. Refer all servicing to qualified personnel.
- Keep the unit away from water and other liquids.
- Use only the provided AC adapter for charging.
- Listening at high volume levels for extended periods can cause hearing damage.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Aiwa WHF-930D Wireless Headphones (Receiver)
- Transmitter Unit / Charging Dock
- AC Adapter
- Optical Cable (Toslink, 1.5m length)
- AUX Stereo RCA Cable (1.5m length)
- Stereo Adapter 6.3mm (M) to 3.5mm (F)
- Adapter Short Cable 3.5mm (F) Stereo to RCA (M)

- Rechargeable AAA NiMH Batteries (1.2V, 550mAh) x 2 pieces

4. PRODUCT OVERVIEW



Image: Aiiwa WHF-930D Wireless TV Headphones resting on their charging and transmitter dock. The headphones are black with red inner earcups, and the dock has indicator lights for 'CHARGING' and 'POWER/SIGNAL'.

4.1. Headphones (Receiver)

- **Power/Connect Button:** Used to turn the headphones on/off and initiate pairing.

- **Volume Control:** A rotary dial or buttons to adjust the listening volume.
- **Charging Contacts:** Located on the underside of the earcups, these connect to the transmitter dock for charging.
- **Battery Compartment:** Houses the rechargeable AAA NiMH batteries.
- **Comfort Features:** Faux leather pads and a soft head cushion for extended wear.

4.2. Transmitter Unit / Charging Dock

- **Charging Cradle:** Designed to hold and charge the headphones.
- **Power/Signal Indicator:** Lights up to show power status and signal transmission.
- **Charging Indicator:** Shows the charging status of the headphones.
- **Audio Inputs:** Optical (Toslink) and RCA (L/R) inputs for connecting to audio sources.
- **DC IN:** Port for connecting the AC adapter.
- **Channel Selector:** A 3-channel RF selector switch to choose the transmission frequency.

5. SETUP

5.1. Powering the Transmitter

1. Connect the AC adapter to the DC IN port on the back of the transmitter unit.
2. Plug the AC adapter into a power outlet. The Power/Signal indicator on the transmitter will illuminate.

5.2. Installing and Charging Headphones Batteries

1. Open the battery compartment on the headphones.
2. Insert the two supplied AAA NiMH rechargeable batteries, ensuring correct polarity (+/-).
3. Place the headphones onto the transmitter's charging cradle. Ensure the charging contacts align. The Charging indicator on the transmitter will light up.
4. Allow approximately 10 hours for the initial full charge. A full charge provides up to 10 hours of working time.

5.3. Connecting to Audio Sources

The transmitter supports both optical digital audio and analog RCA connections.

Optical Digital Audio Connection (Recommended for TVs, Blu-ray players)

1. Connect one end of the supplied optical cable (Toslink) to the OPTICAL IN port on the transmitter.
2. Connect the other end of the optical cable to the optical digital audio output port on your TV or audio device.
3. Ensure your TV's audio output settings are configured to output audio via the optical port (often labeled 'Digital Audio Out' or 'Optical Out') and set to PCM/Stereo format if applicable.

Analog RCA Connection (For older TVs, HiFi systems, CD/DVD players)

1. Connect the supplied AUX Stereo RCA cable to the RCA L/R input ports on the transmitter (Red to Red, White to White).
2. Connect the other end of the RCA cable to the audio output ports (usually 'Audio Out' or 'L/R Out') on your TV or audio device.

3. If your device has a 3.5mm headphone jack output, use the provided 3.5mm (F) to RCA (M) adapter cable to connect the RCA cable to the 3.5mm jack.

5.4. Automatic Pairing

The headphones and transmitter are designed for automatic pairing. Once both units are powered on and the transmitter is receiving an audio signal:

1. Turn on the headphones by pressing the Power/Connect button.
2. The headphones will automatically search for and connect to the transmitter. The Power/Signal indicator on the transmitter will show a stable light when a connection is established.
3. If no sound is heard, try adjusting the 3-channel RF selector switch on the transmitter to find the clearest signal.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

- **To Power On:** Press and hold the Power/Connect button on the headphones until the indicator light illuminates.
- **To Power Off:** Press and hold the Power/Connect button again until the indicator light turns off.
- The headphones feature an automatic on/off control (ALC) to conserve battery when no signal is detected.

6.2. Volume Control

Adjust the listening volume directly on the headphones using the dedicated volume control dial or buttons located on one of the earcups.

6.3. Channel Selection

The transmitter features a 3-channel RF selector switch. If you experience interference or poor sound quality, try switching to a different channel on the transmitter. The headphones will automatically adjust to the selected channel.

6.4. Operating Range

The headphones offer a wireless range of up to 100 meters (line of sight) from the transmitter. Performance may vary depending on environmental factors and obstacles.

7. MAINTENANCE

7.1. Cleaning

- Wipe the headphones and transmitter with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents.

7.2. Battery Care

- Always use the supplied rechargeable NiMH AAA batteries.
- If the headphones will not be used for an extended period, remove the batteries to prevent leakage.
- Dispose of used batteries according to local regulations.

7.3. Storage

When not in use, store the headphones on the charging dock. This keeps them charged and ready for use, and also provides a convenient storage solution.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones	Headphones not powered on; Transmitter not powered on; No audio signal to transmitter; Incorrect channel selected; Headphones not paired.	Ensure headphones and transmitter are on. Check audio source connection and output settings. Try switching transmitter channels. Re-dock headphones for automatic pairing.
Sound is distorted or noisy	Interference from other RF devices; Out of range; Low battery.	Change the channel on the transmitter. Move closer to the transmitter. Recharge headphones. Ensure no strong interference sources nearby.
Headphones not charging	Headphones not correctly seated on dock; Dirty charging contacts; Faulty batteries.	Ensure headphones are properly seated. Clean charging contacts on both headphones and dock with a dry cloth. Check battery installation.
Short battery life	Batteries not fully charged; Old batteries.	Ensure full charge cycle. Replace batteries if they are old or no longer hold a charge effectively.

9. SPECIFICATIONS

- **Model:** WHF-930D
- **Wireless Technology:** RF 863-865 MHz Stereo
- **Operating Range:** Up to 100 meters (line of sight)
- **Frequency Response:** 40Hz - 18KHz
- **Signal-to-Noise Ratio (S/N):** >54dB
- **Total Harmonic Distortion (THD):** <1%
- **Battery Type:** 2 x AAA NiMH rechargeable batteries (included)
- **Battery Life:** Approximately 10 hours on a single charge
- **Transmitter Dimensions:** 184 x 150 x 54 mm
- **Headphone Dimensions:** 200 x 90 x 110 mm
- **Transmitter Weight:** 406 g
- **Headphone Weight:** 256 g
- **Connectivity:** Optical Digital Audio Input, RCA Analog Audio Input
- **Control Type:** Volume Control on headphones

10. WARRANTY AND SUPPORT

Aiwa products are designed and manufactured to the highest quality standards. For information regarding warranty coverage and technical support, please refer to the warranty card included with your product or visit the official Aiwa website. Keep your purchase receipt as proof of purchase.

For further assistance, please contact Aiwa customer support through the contact information provided on the official website or your regional distributor's website.

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