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› ZANCHIE YH998 Wireless RF Headphones for TV with Charging Dock User Manual

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Model: YH998

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ZANCHIE YH998 Wireless RF Headphones. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your listening experience.



Image 1.1: ZANCHIE YH998 Wireless RF Headphones on their charging dock.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ZANCHIE YH998 Wireless RF Headphones
- RF Transmitter & Charging Dock
- Power Adapter
- Audio Cables (Optical, RCA, 3.5mm AUX)
- User Manual (this document)

3. PRODUCT FEATURES

- **RF Wireless Technology:** Provides a stable connection with a range of up to 330 feet (100 meters)

through walls and ceilings, ensuring no audio delay.

- **Multi-Input Support:** Compatible with Digital Optical, RCA, and 3.5mm AUX audio outputs from various devices.
- **Integrated Charging Dock:** The transmitter doubles as a convenient charging station for the headphones.
- **Extended Battery Life:** Up to 10 hours of continuous use on a single 4-hour charge.
- **Comfort-Focused Design:** Features an adjustable, soft-padded headband and large, extra-padded over-ear cups for prolonged comfort.
- **High-Fidelity Audio:** Equipped with 40mm dynamic drivers for clear stereo sound with a frequency range of 60Hz-15KHz.
- **Lightweight Construction:** Weighs approximately 7 ounces for reduced listener fatigue.



NO LATENCY



Image 3.1: Key features of the ZANCHIE YH998 headphones.

HIFI CRYSTAL CLEAR SOUND

**Superior Soft Comfort
Over Ear Entirely**



Adjustable Swivel Design



Image 3.2: Ergonomic design for comfort and adjustability.

4. SETUP GUIDE

Follow these steps to connect your ZANCHIE YH998 headphones to your audio source.

4.1. Powering the Transmitter

1. Connect the power adapter to the 'PWR' port on the back of the charging dock/transmitter.
2. Plug the power adapter into a wall outlet. The LED indicator on the dock will illuminate.

4.2. Connecting to Your TV/Audio Source

The transmitter supports Optical, RCA, and 3.5mm AUX audio inputs. **Ensure your TV has an AUDIO OUT port.**



Image 4.1: Connecting the transmitter to various TV audio output ports.

4.2.1. Optical Connection (Recommended for Digital Audio)

1. Connect one end of the optical cable to the 'OPTICAL OUT' port on your TV.
2. Connect the other end of the optical cable to the 'OPT IN' port on the transmitter.
3. **Important:** Access your TV's audio settings and set the audio output format to **PCM**. If this setting is not adjusted, you may not hear any sound.

4.2.2. RCA Connection (Red/White Analog Audio)

1. Connect the red and white RCA plugs to the corresponding 'AUDIO OUT' ports (red for right, white for left) on your TV.

2. Connect the other end of the RCA cable to the 'RCA IN' ports on the transmitter.

4.2.3. 3.5mm AUX Connection (Headphone Jack)

1. Connect one end of the 3.5mm audio cable to the 'HEADPHONE OUT' or 'AUX OUT' port on your TV or audio device.
2. Connect the other end of the 3.5mm audio cable to the 'AUX IN' port on the transmitter.

4.3. Initial Headphone Pairing (Automatic)

The headphones and transmitter are pre-paired from the factory. Once the transmitter is powered and connected to an audio source, simply turn on the headphones. They should automatically connect.



Image 4.2: The RF system does not require manual pairing.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

- To power on the headphones, press and hold the Power button located on the earcup until the indicator light illuminates.
- To power off, press and hold the Power button again until the indicator light turns off.

5.2. Adjusting Volume

- Use the volume control buttons (usually '+' and '-') on the earcup to adjust the listening volume to your preference.

5.3. Charging the Headphones

To charge the headphones, place them onto the charging dock, ensuring the charging pins on the dock align with the charging ports on the headphones. The LED indicator on the dock will change to indicate charging status (e.g., red for charging, blue for fully charged). A full charge takes approximately 4 hours and provides up to 10 hours of use.

Product Details



Metal Retractable Headband



**10 Hours
(Rechargeable battery)**



Superior Protein Leather

LED Indication



Desktop Transmitter

The charging dock also function as desktop transmitter and docking station

Image 5.1: Detailed view of headphone components and charging dock.

5.4. Multiple Headphone Use

One transmitter can support multiple ZANCHIE YH998 headphones simultaneously. Additional headphones can be purchased separately and will automatically connect to the active transmitter.

1 Transmitter Supports Multi Headphones



Image 5.2: Multiple headphones can connect to a single transmitter.

6. MAINTENANCE

6.1. Cleaning

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

6.2. Storage

- Store the headphones on the charging dock when not in use to keep them charged and ready.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from headphones.	Headphones not powered on or charged. Transmitter not powered or connected. Incorrect TV audio output settings (for Optical). Volume too low.	Ensure headphones are charged and powered on. Verify transmitter power and audio cable connections. For Optical, set TV audio output to PCM. Increase headphone and TV volume.
Audio distortion or static.	Out of range. Interference from other RF devices. Low battery.	Move closer to the transmitter. Relocate the transmitter away from other wireless devices. Charge the headphones.
Headphones not charging.	Headphones not properly seated on dock. Charging pins/ports dirty or damaged. Transmitter not powered.	Ensure headphones are correctly placed on the dock. Clean charging contacts. Contact support if damaged. Verify transmitter power connection.
Lip sync delay.	Not applicable for RF technology.	The ZANCHIE YH998 uses RF technology designed to eliminate lip sync delay. If you experience delay, ensure you are using the correct input (e.g., not a Bluetooth connection from another device).

8. SPECIFICATIONS

- **Model:** YH998
- **Connectivity Technology:** RF Wireless (2.4GHz)
- **Wireless Range:** Up to 330 feet (100 meters)
- **Audio Inputs:** Digital Optical, RCA, 3.5mm AUX
- **Driver Size:** 40mm Dynamic
- **Frequency Range:** 60Hz - 15KHz
- **Battery Type:** Lithium Polymer
- **Battery Life:** Up to 10 hours
- **Charging Time:** Approximately 4 hours
- **Control Type:** Volume Control, Touch
- **Form Factor:** Over-Ear
- **Weight:** Approximately 7 ounces
- **Color:** Silver

9. WARRANTY AND SUPPORT

ZANCHIE products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official ZANCHIE website. Please retain your proof of purchase for warranty claims.