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› FiiO R9 Android Media Streamer User Manual

FiiO R9

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Model: R9

Brand: FiiO

1. INTRODUCTION

The FiiO R9 is a flagship desktop high-definition audio playback and decoding device, functioning as an all-in-one headphone amplifier, network player, and USB DAC. It is designed to connect with various audio equipment such as headphones, active speakers, and other devices, providing a versatile and high-quality audio experience.

With its advanced configuration and extensive input/output interfaces, the R9 can serve as a professional digital turntable, preamplifier, and decoder. It supports wireless music streaming and local network playback, offering comprehensive audio solutions for enthusiasts.



Image: The FiiO R9 unit, showcasing its 6-inch HD touchscreen and front panel controls.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- FiiO R9 Unit x1
- AC Power Cord x1
- USB Cable x1
- Slanted Base x1
- Flat Base x1
- RM3 Bluetooth Remote Control x1
- Headphone Adapter x1
- Fuse x1
- Cleaning Cloth x1

- Dust Cover Plug x1
- Silicone Double-sided Tape x4
- Quick Start Guide x1
- Warranty Card x1
- RM3 Tips Card x1
- Tempered Film x1 (pre-installed)
- PET Electroplated Film x2 (pre-installed)
- MicroSD Card Holder x1 (pre-installed)
- PET Electrostatic Film x5 (pre-installed)

3. SETUP GUIDE

3.1 Initial Placement and Power Connection

Place the FiiO R9 on a stable, flat surface. Ensure adequate ventilation around the unit to prevent overheating. Connect the provided AC power cord to the R9's power input and then to a wall outlet.



Image: The FiiO R9 positioned on a desk alongside active speakers, demonstrating a typical setup.

3.2 Audio Output Connections

The R9 offers various audio output options:

- **Headphones:** Connect your headphones to the 6.35mm, 4.4mm balanced, or 4-pin XLR balanced headphone outputs on the front panel.
- **Active Speakers/Amplifiers:** Use the 3-pin XLR balanced line out or RCA line out (x2) on the rear panel to connect to active speakers or a separate power amplifier.

3.3 Audio Input Connections

The R9 supports multiple audio input types:

- **USB DAC Mode:** Connect the R9 to a computer or smartphone via the USB Type-C port to use it as an external DAC.
- **Coaxial/Optical:** Connect digital audio sources using the Coaxial input/output or Optical input/output ports.
- **HDMI:** Use the HDMI IN port for audio input from devices like game consoles or Blu-ray players. The HDMI ARC port allows audio return from TVs.
- **USB Host:** Connect external USB storage devices.

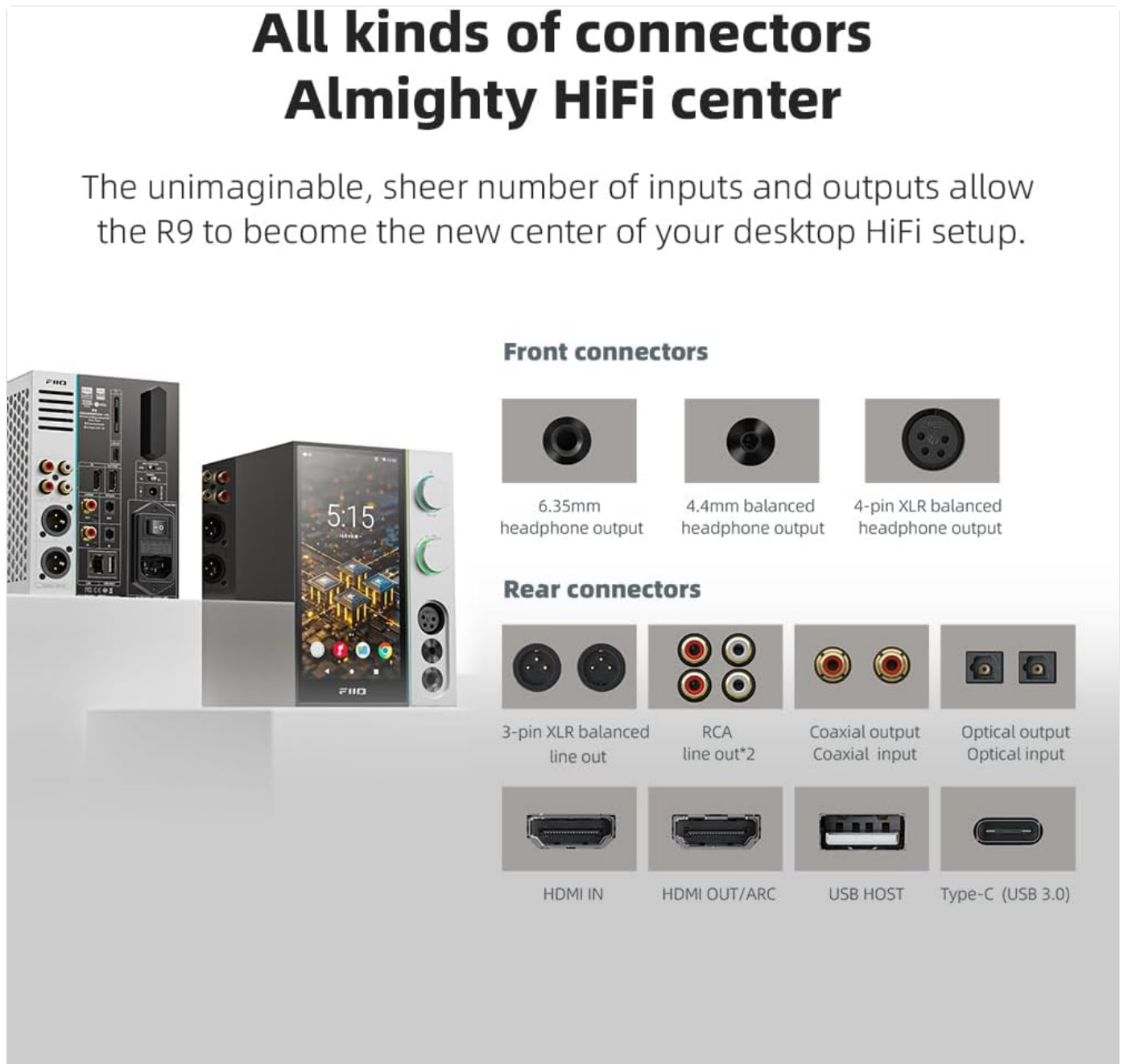


Image: Diagram illustrating the various front and rear connectors of the FiiO R9, including headphone outputs, XLR, RCA, Coaxial, Optical, HDMI, USB, and Type-C ports.

3.4 Network Connection

For streaming services and network playback, connect the R9 to your network via Wi-Fi or an Ethernet cable (if available, though not explicitly listed as a port, it's implied by "Network Player").

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Basic Controls

Press and hold the power button (usually integrated with a volume knob) to turn the R9 on or off. Rotate the volume knob to adjust the audio output level.

4.2 Touchscreen Interface and Android OS

The R9 features a 6-inch FHD touchscreen running an open Android operating system. This allows for easy navigation and the installation of third-party streaming applications such as Amazon Music, Apple Music, Tidal, and Spotify.

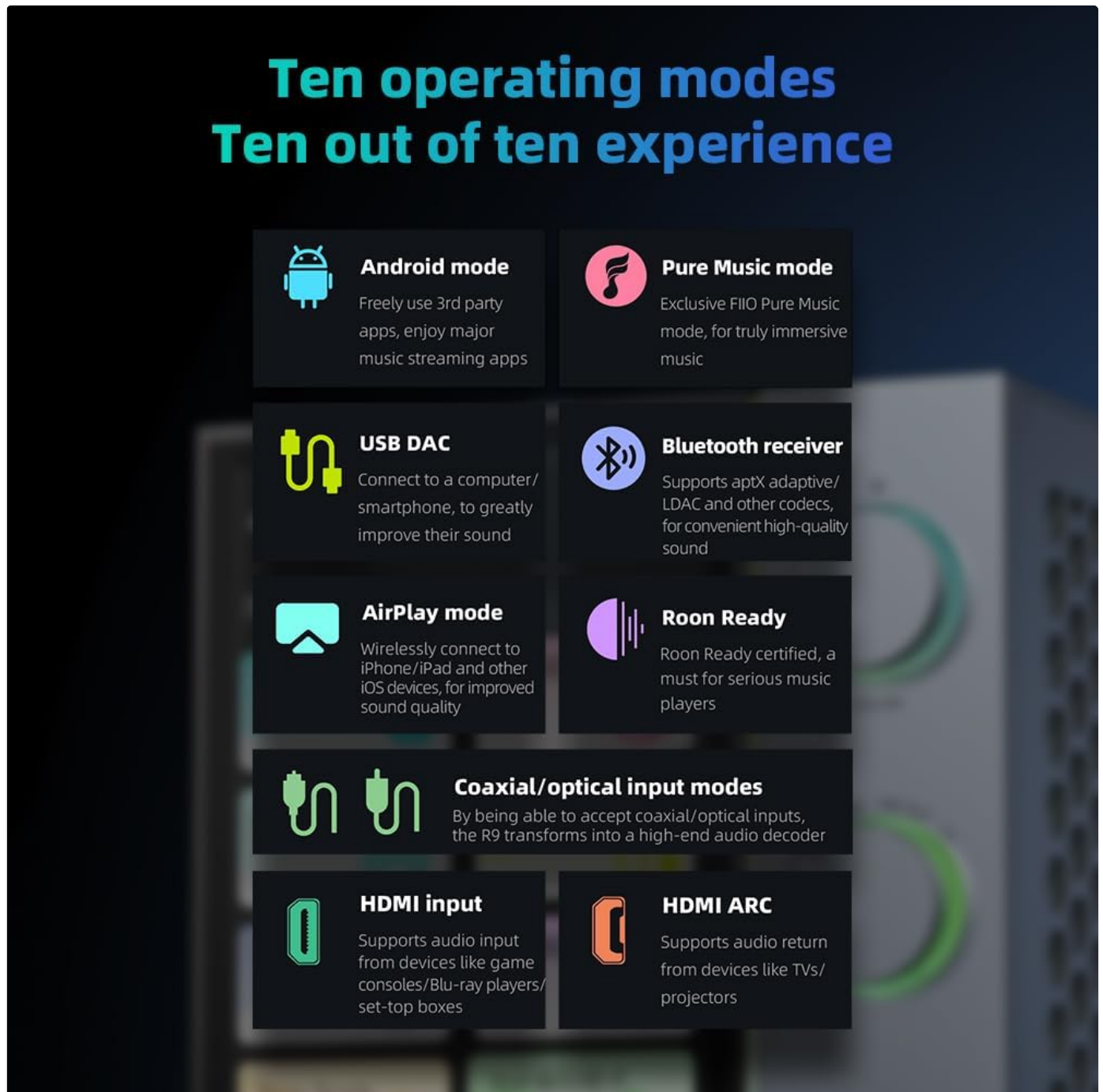


Image: Visual representation of the ten operating modes of the FiiO R9, including Android mode, Pure Music mode, USB DAC, Bluetooth receiver, AirPlay mode, Roon Ready, Coaxial/Optical input, HDMI input, and HDMI ARC.

4.3 Operating Modes

The FiiO R9 supports various operating modes to suit different usage scenarios:

- **Android Mode:** Freely use third-party apps and enjoy major music streaming services.
- **Pure Music Mode:** An exclusive FiiO Pure Music mode designed for immersive music playback.

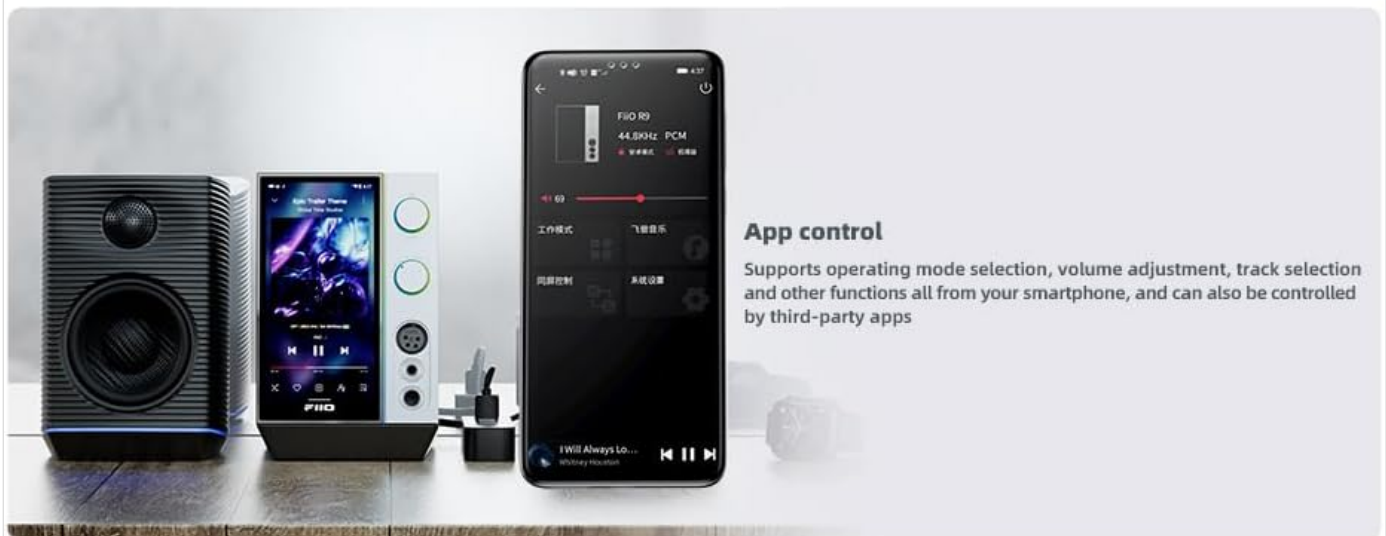
- **USB DAC:** Connect to a computer or smartphone to enhance their audio output quality.
- **Bluetooth Receiver:** Supports aptX adaptive, LDAC, and other codecs for high-quality wireless audio reception.
- **AirPlay Mode:** Wirelessly connect to Apple iPhone/iPad and other iOS devices for improved sound quality.
- **Roon Ready:** Certified for Roon, providing a seamless experience for Roon users.
- **Coaxial/Optical Input Modes:** Functions as a high-end audio decoder for coaxial and optical digital audio inputs.
- **HDMI Input:** Accepts audio input from devices such as game consoles, Blu-ray players, and set-top boxes.
- **HDMI ARC:** Supports audio return from televisions or projectors.

4.4 Control Options

The R9 offers multiple ways to control playback and settings:

- **Touchscreen:** Direct control via the 6-inch FHD touchscreen.
- **RM3 Bluetooth Remote Control:** Provides convenient desktop or long-distance control over music playback, volume, and other functions.
- **App Control:** Use a remote control app on your smartphone to manage operation mode selection, volume adjustment, and track selection.

More ways to control More convenience



Bluetooth remote RM3

Allows control over music playback from a distance through buttons and gestures, even for complex operations



Paired with HiFi keypad KB1K

Pause and play music as well as switch between tracks, conveniently on your desk



5. MAINTENANCE

5.1 Cleaning the Unit

The R9's surface, especially the touchscreen, can be prone to fingerprints. Use the provided cleaning cloth or a soft, dry, lint-free cloth to gently wipe the unit. Avoid using abrasive cleaners or solvents.

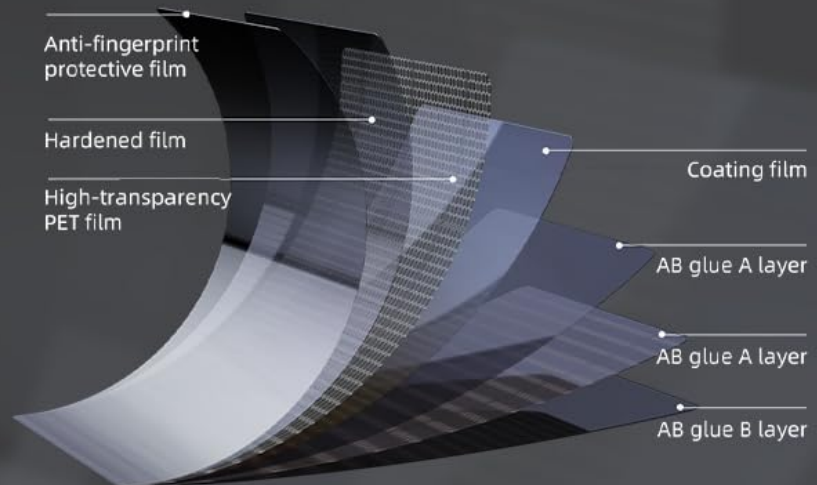
5.2 Heat Management

During extended operation, particularly when used as a DAC, the R9 may become warm. This is normal. Ensure the unit is placed in an area with good airflow and not in an enclosed space to facilitate heat dissipation.

5.3 Software Updates

FiiO periodically releases firmware updates to improve performance, add features, or address issues. It is recommended to keep your R9's software updated. Check the official FiiO website for the latest firmware and instructions on how to update.

Body-colored superhard 4H PET coating films



Mirror-polished zinc alloy construction Befitting of a flagship



Image: Diagram showing the multi-layered body-colored superhard 4H PET coating films, designed for protection and preventing fingerprints.

6. TROUBLESHOOTING

6.1 No Sound Output

- Check if the R9 is powered on and the volume is turned up.
- Ensure headphones or speakers are correctly connected to the appropriate output ports.
- Verify the correct input source is selected on the R9.
- If using external speakers, ensure they are powered on and their volume is adjusted.
- Test with different headphones or cables to rule out faulty accessories.

6.2 Connectivity Issues (Bluetooth/Wi-Fi/HDMI)

- **Bluetooth:** Ensure Bluetooth is enabled on both the R9 and the connecting device. Try unpairing and re-pairing the devices.

- **Wi-Fi:** Check your Wi-Fi network status. Restart your router and the R9. Ensure the R9 is within range of your Wi-Fi signal.
- **HDMI:** Verify HDMI cables are securely connected. Ensure the correct HDMI input is selected on the R9 and the connected display/source.

6.3 Unit Becomes Unresponsive

If the R9 becomes unresponsive, try a soft reset by pressing and holding the power button until the unit shuts down, then power it back on. If the issue persists, consult the FiiO support resources.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	5 x 4.53 x 6.3 inches
Item Weight	9.13 pounds
Model Name	R9
Screen Size	6 Inches
Memory Storage Capacity	64 GB
Connectivity Technology	Bluetooth, Wi-Fi, USB, HDMI
Special Features	Touch Screen, Hi-Res Audio, Equalizer
Compatible Devices	Personal Computer, Headphone, Smartphone, Speaker
Media Type	SD Card
DAC Chipset	8-channel ES9038PRO*2
Amplifier	8 THX AAA 788+
Max Output Power	7300mW (under 32Ω)

High-end digital core

Globally high resolution



Qualcomm Snapdragon 660

With several years' worth of experience in fine-tuning this "core" combined with the open Android system, FiiO offers a silky-smooth experience on the R9.

*FiiO is planning to upgrade the OS to Android 12 in Q1 2024



X MOS

16 core XU316
768/32 DSD512

High performance, low latency, supports 768kHz/32bit, DSD512 and MQA full decoding



Qualcomm QCC512

Many codecs supported, Bluetooth reception supports LDAC/aptX Adaptive/aptX LL/aptX HD/aptX/AAC/SBC

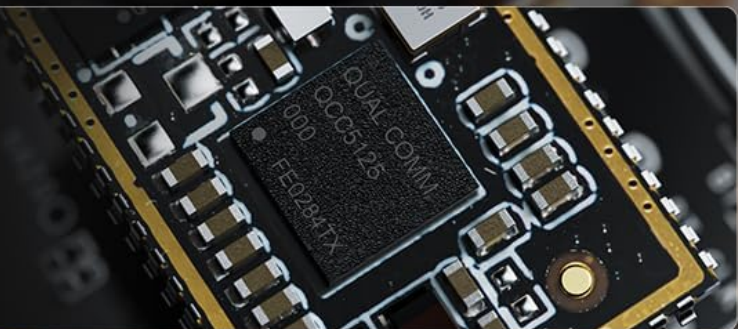


Image: Detailed view of the FiiO R9's high-end digital core, highlighting the Qualcomm Snapdragon 660, X MOS XU316, and Qualcomm QCC5125 components.

8. WARRANTY AND SUPPORT

8.1 Product Warranty

The FiiO R9 comes with a standard manufacturer's warranty. Please refer to the included Warranty Card for specific terms, conditions, and duration of the warranty in your region. Keep your proof of purchase for warranty claims.

Extended protection plans may be available for purchase separately. These plans offer additional coverage beyond the standard manufacturer's warranty.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty service, please contact FiiO customer support through their official website or the contact information provided in your Quick Start Guide or Warranty Card. You can also visit the FiiO store on Amazon for product information and updates: [FiiO Amazon Store](#).

