XHDATA D-219

XHDATA D219 Portable AM FM Shortwave Radio User Manual

Model: D-219 | Brand: XHDATA (Manufactured by RADIWOW)

1. Introduction

The XHDATA D219 is a compact and versatile portable radio designed for easy operation and excellent reception across multiple frequency bands. Its small size and dual power options make it ideal for home use, travel, and emergency situations. This manual provides detailed instructions for setting up, operating, and maintaining your D219 radio.



Figure 1.1: The XHDATA D219 radio is suitable for a variety of indoor and outdoor activities, offering entertainment and information wherever you go.

2. Package Contents

Please check the package contents to ensure all items are present:

- 1 x XHDATA D219 Portable Radio
- 1 x English User Manual

Note: 2 AA 1.5V batteries and a DC-IN 5V power cord are NOT included and must be purchased separately.

3. Product Overview

Familiarize yourself with the components and controls of your XHDATA D219 radio.



Figure 3.1: Front view of the XHDATA D219 radio.



Figure 3.2: Dimensions of the XHDATA D219 radio, highlighting its compact and portable design.

Controls and Ports:

- **Antenna:** Extendable telescopic antenna for FM and SW reception.
- **Power On/Off/Volume Knob:** Controls power and audio volume.
- **Tuning Knob:** Adjusts the frequency to select radio stations.
- **Band Selector Switch:** Toggles between FM, AM, and SW bands.
- **Earphone Jack (3.5mm):** For private listening with headphones.
- **DC-IN 5V Port:** For external power supply (adapter not included).
- **Battery Compartment:** Located on the back, for 2 AA batteries.

4. Setup

4.1 Powering Your Radio

The XHDATA D219 radio can be powered by two methods:

1. **Battery Operation:**
   Open the battery compartment cover on the back of the radio. Insert 2 x AA 1.5V batteries, ensuring correct polarity (+/-). Close the battery compartment cover securely. This method provides portable power for on-the-go use.
2. **DC-IN 5V Power:**
   Connect a compatible DC-IN 5V power cord (not included) to the DC-IN port on the side of the radio. Plug the other end into a standard wall outlet. This method is suitable for extended use at home or in an office setting.



Figure 4.1: The XHDATA D219 supports both battery and external DC 5V power options.

5. Operating Instructions

5.1 Turning On/Off and Volume Adjustment

Rotate the **Power On/Off/Volume Knob** clockwise to turn on the radio and increase the volume. Rotate counter-clockwise to decrease the volume and turn off the radio.

5.2 Selecting a Band

Use the **Band Selector Switch** to choose your desired frequency band:

- **FM:** For local FM radio stations.
- **AM:** For Amplitude Modulation (Medium Wave) stations.
- **SW:** For Shortwave radio stations.

5.3 Tuning to a Station

Once a band is selected, slowly rotate the **Tuning Knob** to scan for stations. The frequency display will indicate the current tuning position. Stop rotating when you find a clear signal.



Figure 5.1: The radio's frequency ranges and antenna extension for optimal reception.

5.4 Using the Earphone Jack

For private listening, plug any standard 3.5mm headphones into the **Earphone Jack** located on the side of the radio. The internal speaker will automatically mute when headphones are connected.



Figure 5.2: Enjoy private listening by connecting earphones to the 3.5mm jack.



Figure 5.3: The radio features a premium built-in speaker for clear and loud audio output.

6. Reception Tips

- **FM/SW Reception:** Fully extend and rotate the telescopic antenna for best reception. Adjust its angle and direction to optimize signal strength.
- **AM Reception:** The radio uses a built-in AM antenna. For better AM reception, rotate the entire radio until the signal is strongest. Avoid placing the radio near electronic devices that may cause interference.
- **DSP Chip:** The integrated DSP chip enhances receiving sensitivity and selectivity, reducing indoor interference.

Your browser does not support the video tag.

Video 6.1: An official product video demonstrating the XHDATA D219 radio's features, including its compact size, power options, and reception capabilities across AM, FM, and Shortwave bands. The video highlights the clear sound quality and the 3.5mm earphone jack.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** If the radio will not be used for an extended period, remove the batteries to prevent leakage and damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Exposure:** This radio is not waterproof. Avoid exposure to water or high humidity.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Batteries are dead or incorrectly inserted; DC power cord not connected or faulty.	Replace batteries, check polarity. Ensure DC power cord is securely connected and functional.
Poor reception/Static	Antenna not extended/positioned correctly; weak signal area; interference from other electronics.	Fully extend and adjust antenna. For AM, rotate the radio. Move away from interfering devices. Try tuning slowly.
No sound from speaker	Volume too low; headphones plugged in; faulty speaker.	Increase volume. Disconnect headphones. If problem persists, contact support.

9. Specifications

Feature	Detail
Model Number	D-219
Brand	RADIWOW (XHDATA)
Product Dimensions	4.92 x 1.1 x 2.95 inches (12.5 x 2.8 x 7.5 cm)
Item Weight	5.4 ounces (approx. 153 grams without batteries)
Frequency Range FM1	87-108 MHz
Frequency Range FM2	64-87 MHz
Frequency Range AM	520-1710 KHz
Frequency Range SW	4.75-22.0 MHz (9 bands)
Power Source	2 x AA 1.5V batteries (not included) or DC-IN 5V (power cord not included)
Connectivity	3.5mm audio jack
Special Features	Portable, Lightweight, Easy to Use, Built-In AM Antenna, DSP Chip
Country of Origin	China

10. Warranty and Support

The XHDATA D219 radio comes with a standard manufacturer's warranty. Please refer to the product packaging or the seller's information for specific warranty terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer directly.
XHDATA is committed to providing high-quality products and customer satisfaction. We appreciate your purchase.

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

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Answered questions about this manual

What are the dimensions of the plug for connecting an external power source to the XHDATA D-219 radio?

The XHDATA D-219 radio requires a DC 5V external power source. While the manual specifies the voltage, it does not explicitly list the physical dimensions (outer and inner diameter) of the DC barrel jack.Based...

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