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> RADIWOW XHDATA D109 Portable Shortwave Radio World Band DSP Good Reception with Great Sound Mp3 Speaker Wireless BT Alarm Clock Sleep Function TF Card Support Battery Operated black XHD D-109 User Manual

RADIWOW XHD D-109

RADIWOW XHDATA D109 Portable Shortwave Radio Instruction Manual

Model: XHD D-109

INTRODUCTION

Thank you for choosing the RADIWOW XHDATA D109 Portable Shortwave Radio. This device is designed to provide excellent reception across multiple bands, including FM, SW, AM, and LW, utilizing DSP technology for enhanced signal clarity. Beyond its radio capabilities, the D109 also functions as an MP3 speaker with wireless Bluetooth connectivity, supports TF card playback, and includes convenient features such as an alarm clock and sleep function. This manual will guide you through the setup, operation, and maintenance of your new radio.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x RADIWOW XHDATA D109 Portable Shortwave Radio
- 1 x Rechargeable Battery (pre-installed or separate)
- 1 x Type-C USB Charging Cable
- 1 x English User Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your XHDATA D109 radio:



Front view of the XHDATA D109 radio, showing the speaker grille, LCD display, and control buttons.

- **LCD Display:** Shows frequency, time, battery status, and other operational information.
- **Telescopic Antenna:** Extendable antenna for improved radio reception, especially for FM and SW bands.
- **Control Buttons:** Numeric keypad for direct frequency input, function buttons for mode selection (FM, SW, AM, LW), scanning, memory, alarm settings, and more.
- **Volume Knob:** Adjusts the audio output level.
- **Tuning Knob:** Used for manual frequency tuning.
- **Speaker:** Integrated 40mm speaker for clear audio output.
- **Headphone Jack (3.5mm):** For private listening with headphones.
- **Type-C USB Port:** For charging the internal rechargeable battery.
- **TF Card Slot:** For playing MP3 audio files from a microSD card.
- **External Antenna Jack:** For connecting an external antenna to enhance reception.
- **Wrist Strap:** For convenient portability.

AM/FM/SW/LW WORLD BAND RADIO



*Multifunctional
Digital Radio*

*A wide range of
features to meet
your needs*

FM

64-108(87-108)MHz

MW

522-1620KHz(9K)
520-1710KHz(10K)

LW

153-513KHz(9K)

SW

1711-29999KHz(5K)

Side view highlighting the telescopic antenna, external antenna jack, and earphone jack.



MP3 PLAYER

Support TF card to playing MP3 music stored in it

Another side view showing the TF card slot, reset hole, and Type-C charging port.

SETUP

Powering On and Charging

The XHDATA D109 radio is powered by an included rechargeable lithium-ion battery. Before first use, it is recommended to fully charge the battery.

1. Connect the supplied Type-C USB cable to the radio's Type-C charging port.
2. Connect the other end of the USB cable to a standard USB power adapter (5V, not included) or a computer's USB port.
3. The battery indicator on the LCD display will show charging status. A full charge typically takes a few hours.
4. Once fully charged, disconnect the charging cable.



The radio supports two charging methods: Type-C USB and its internal rechargeable battery.

Inserting a TF Card

To use the MP3 player function, you will need a TF (microSD) card with your desired audio files.

1. Locate the TF card slot on the side of the radio.
2. Gently insert the TF card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, push the card inward until it clicks, then release, and it will spring out.

OPERATING INSTRUCTIONS

Basic Radio Operation

The D109 supports FM, SW, AM, and LW bands. Use the dedicated band buttons (FM, MW/LW, SW) to switch between modes.

- **Power On/Off:** Press the **ST/B** button to turn the radio on or off.
- **Band Selection:** Press the **FM**, **MW/LW**, or **SW** buttons to select the desired frequency band.
- **Tuning:**
 - **Manual Tuning:** Rotate the tuning knob on the side of the radio to adjust the frequency.

- **Direct Frequency Input:** Use the numeric keypad (0-9) to enter a specific frequency, then press the **FM SET** button (or similar confirmation button depending on mode).
- **Automatic Scan (ATS):** Press and hold the **SCAN** button to automatically search and store available stations.
- **Memory Recall (VM):** After scanning, press the **VM** button to enter memory mode, then use the **SW+ / SW-** buttons or tuning knob to cycle through stored stations.
- **Volume Adjustment:** Rotate the volume knob to increase or decrease the sound level.

Bluetooth Connectivity

The radio features wireless Bluetooth for streaming audio from compatible devices.

1. Press the **BT/** button to switch to Bluetooth mode. The display will indicate Bluetooth pairing mode.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "XHDATA D109" from the list of devices to pair.
4. Once paired, you can play audio from your device through the radio's speaker. Use the radio's playback control buttons (Play/Pause, Next/Previous Track) or your device's controls.



Enjoy wireless music streaming by connecting your device via Bluetooth.

MP3 Playback (TF Card)

Play your favorite MP3 music directly from a TF card.

1. Ensure a TF card with MP3 files is inserted into the TF card slot.
2. Press the **MUSIC** button (or similar, often shared with BT) to switch to MP3 playback mode.
3. The radio will automatically start playing the first MP3 file.
4. Use the playback control buttons (Play/Pause, Next/Previous Track) to navigate your music.

Alarm Clock and Sleep Function

The radio includes dual alarm clocks and a sleep timer.

- **Setting Alarms:** Press **ALARM A** or **ALARM B** to set individual alarm times. Follow the on-screen prompts to adjust hours and minutes.
- **Sleep Function:** Press the **SLEEP** button to activate the sleep timer. Repeated presses will cycle through preset sleep times (e.g., 10, 20, 30, 60, 90 minutes), after which the radio will automatically turn off.

MEDIA DEMONSTRATIONS

Watch the official product video for a visual guide on the XHDATA D109's features and performance.

Your browser does not support the video tag.

Official XHDATA Portable Shortwave Radio demonstration video, showcasing its various functions and design.

MAINTENANCE

To ensure the longevity and optimal performance of your RADIOWOW XHDATA D109 radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use liquid cleaners, aerosols, or abrasive solvents, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If the radio will not be used for a long time, charge the battery periodically (e.g., every 3-6 months) to maintain its health.
- **Antenna:** Handle the telescopic antenna gently to prevent bending or breaking. Retract it when not in use or when transporting the radio.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Radio does not turn on.	Low or depleted battery.	Charge the battery using the Type-C USB cable.
Poor radio reception.	Antenna not extended, weak signal, interference.	Fully extend the telescopic antenna. Try repositioning the radio. For SW, consider using an external antenna.

Problem	Possible Cause	Solution
Bluetooth not connecting.	Radio not in pairing mode, device too far, interference.	Ensure the radio is in Bluetooth pairing mode. Keep devices within range (approx. 10 meters). Restart both devices.
MP3 files not playing.	TF card not inserted correctly, unsupported file format, corrupted files.	Re-insert the TF card. Ensure files are in MP3 format. Try a different TF card or re-format the current one.
No sound from speaker.	Volume too low, headphones connected.	Increase the volume. Disconnect headphones if plugged in.

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

SPECIFICATIONS

Feature	Detail
Model Number	XHD D-109
Product Dimensions	5.9 x 1.45 x 3.07 inches
Item Weight	14.4 ounces
Radio Bands Supported	FM, AM, SW, LW (4-Band)
Tuner Technology	DSP
Power Source	Battery Powered (1 Lithium Ion battery included)
Charging Interface	Type-C USB
Connectivity Technology	Bluetooth, Auxiliary, USB
Special Features	Portable, Rechargeable, MP3 Speaker, Wireless BT, Alarm Clock, Sleep Function, TF Card Support
Speaker Size	40mm
Headphone Jack	3.5mm Stereo

WARRANTY AND SUPPORT

RADIWOW provides a 12-month friendly customer service for the XHDATA D109 radio. If you encounter any problems or have questions regarding your product, please do not hesitate to contact our customer service team. We are committed to providing prompt and helpful support to ensure your satisfaction.

For support, please refer to the contact information provided on your purchase receipt or the official RADIWOW website.

