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› ZHIWHIS ZWS-2415 Emergency Radio User Manual

ZHIWHIS ZWS-2415

ZHIWHIS ZWS-2415 Emergency Radio

USER MANUAL

Product Overview

The ZHIWHIS ZWS-2415 is a versatile emergency radio designed to provide essential communication and utility features in various situations. It integrates multiple radio bands (AM/FM/SW/VHF/NOAA), a powerful 10000mAh battery, and diverse charging options including solar, hand crank, and USB-C. Additional features include a flashlight, reading lamp, SOS alarm, Bluetooth connectivity, and USB playback, making it an indispensable tool for emergencies and outdoor activities.



Front view of the ZHIWHIS ZWS-2415 Emergency Radio, showcasing its display, control buttons, and speaker grille.

Package Contents

Ensure all items are present in the package:

- 1 x ZWS-2415 Emergency Radio
- 1 x 10,000mAh lithium battery (pre-installed)
- 1 x Clip-on Wire Antenna Extension
- 1 x Lanyard
- 1 x English User Manual
- 1 x AUX Audio Cable
- 1 x USB Type-C Charging Cable



AUTO POWER-ON & POWER-OFF



When you set the alarm time to make the radio **turn on automatically**, and you can set it to **automatically turn off** after **10-90 minutes** of operation **at the same time**. You can set it to turn on automatically in the morning and turn it off automatically after 10 minutes of broadcasting.



ALARM CLOCK

With **12/24-hour** clock. At the set time, then the radio will **ring(Buzzer sound)** and press any key to stop ring.



SLEEP TIMER

Set regular shutdown before sleep, let you sleep easily. Sleep timer is **up to 90 minutes**.

The ZHIWHIS ZWS-2415 Emergency Radio shown with its included accessories: USB-C charging cable, AUX cable, clip-on wire antenna, and lanyard.

Key Features

- **Multi-Band Radio:** Supports AM (520-1710KHz), FM (87-108MHz), SW (3.20-21.95MHz), VHF (30.00-199.975MHz), and NOAA Weather Band (162.400MHz-162.550MHz).

- **NOAA Weather Alert:** Provides access to 7 NOAA channels for weather alerts.
- **High Capacity Battery:** Built-in 10,000mAh rechargeable lithium battery.
- **Multiple Charging Methods:** Solar panel, hand crank, and USB-C charging.
- **Emergency Lighting:** Integrated LED flashlight with multiple modes (Low, High, SOS Flashing) and an 8-LED reading lamp.
- **SOS Alarm:** Loud siren with flashing red and blue LEDs for emergencies.
- **Audio Playback:** Bluetooth 5.3 for wireless audio, USB player (MP3, WMA, WAV up to 256GB), and AUX-in.
- **Sound Customization:** 6 Equalizer (EQ) settings (Normal, Pop, Rock, Jazz, Classic, Country).
- **Convenience Features:** Digital clock, alarm clock, sleep timer (10-90 minutes), key lock, and factory reset option.
- **Water Resistance:** IPX4 waterproof rating, resistant to light rain and splashes.
- **Portability:** Compact size (6.7x3.5x2.8 inches) and lightweight (1.2 lb) with a lanyard for easy carrying.

Initial Setup

First Use & Battery Activation

For initial use, turn the hand crank for approximately 5 minutes to activate the internal battery. This ensures the battery is ready for charging and operation.

Charging the Radio

The ZWS-2415 offers three methods for charging its built-in 10,000mAh lithium battery:

1. **USB-C Charging:** Connect the provided USB Type-C charging cable to the DC IN port on the radio and a compatible USB power adapter (not included).
2. **Solar Charging:** Place the radio with its solar panel facing direct sunlight. The solar indicator on the display will illuminate when charging. Note that solar charging is primarily for maintaining battery life or slow charging in emergencies.
3. **Hand Crank Charging:** Extend the hand crank located on the back of the radio and rotate it clockwise or counter-clockwise. Continuous cranking generates power for the battery.

3 RECHARGEABLE WAYS

● **10,000mah**
rechargeable battery

Hand crank charging

TYPE-C USB charging

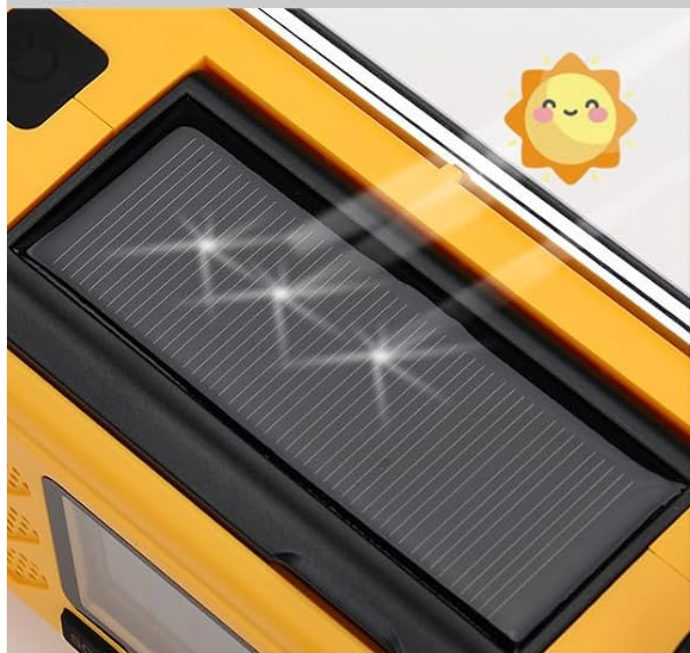
Solar charging



Hand crank charging



Solar charging



USB-C charging



Illustration of the three charging methods: hand crank, solar panel, and USB-C port for the ZHIWHIS ZWS-2415 Emergency Radio.

10,000 MAH Lithium Battery

Can be used for a long time



The ZHIWHIS ZWS-2415 Emergency Radio being charged via its USB-C port, emphasizing its 10,000mAh battery capacity.

Antenna Setup

For optimal radio reception, extend the telescopic antenna fully. For enhanced reception on VHF, FM, and Shortwave bands, attach the provided clip-on wire antenna extension to the telescopic antenna.



Match with a extending antenna,
Clamp the antenna head with a clip
to be convenient for users to receive
vhf, fm and shortwaves.

Pull out the antenna, adjust
antenna length and direction
to search for best receiving
effect position.

The ZHIWHIS ZWS-2415 Emergency Radio demonstrating the use of an external clip-on antenna for improved signal reception.

Operating Instructions

Power On/Off

Press and hold the **Power** button to turn the radio on or off.

Radio Operation (AM/FM/SW/VHF/NOAA)

The radio supports multiple bands. Use the **BAND** button to cycle through AM, FM, SW, VHF, and NOAA Weather Band. Use the **TUNING** buttons (left/right arrows) to manually adjust the frequency. Press **SCAN** to automatically search for and store available stations. The radio can store up to 396 presets (99 for each band).

Multi-Function Emergency Radio

Full-band Radio, Bluetooth, USB Play, AUX-in



FM: 64~108 MHz

AM: 520~1710 KHz

SW: 3.20-21.95MHz

WB: 162.40-162.55 MHz

VHF: 30.00-199.975 MHz



FM/AM/SW/VHF
396 Memory



USB
Playback



5W Speaker
Bluetooth 5.3



10,000mAh
lithium battery



LED Flashlight
Reading Lamp



Solar



Hand Crank



USB-C charging



SOS, Alarm



Sleep Timer

Close-up of the ZHIWHIS ZWS-2415 Emergency Radio's display and control buttons for band selection, tuning, and presets.

NOAA Weather Alert

In NOAA Weather Band mode, the radio can receive weather alerts. The alert function will activate automatically when a severe weather alert is broadcast, providing critical information during hazardous conditions.

BUILT-IN SOS ALARM
Please use it to ask for help if you in the emergency.

A yellow and black ZHIWHIS ZWS-2415 Emergency Radio is shown in a dark, debris-filled environment, likely a disaster zone. The radio's antenna is extended, and a green circular highlight is on the SOS button. A small orange box with the text "SOS" is next to the button.

Rugged & Waterproof
IPX4, allows it to survive light rain or water splashes.

A yellow and black ZHIWHIS ZWS-2415 Emergency Radio is shown covered in water droplets, demonstrating its waterproof IPX4 rating. The radio is positioned diagonally, showing its front and side.

NOAA Weather & Alerts
Emergency Radio help you deal with the Hazard Weather at the first time.

A yellow and black ZHIWHIS ZWS-2415 Emergency Radio is shown with its flashlight on. The display shows "WB 162.400 MHz". The radio has a large flashlight on the front and a speaker grille on the side.

All Hazards NOAA Weather Radio
NOAA's National Weather Service

Manually Set 7 NOAA Weather Bands

A close-up of the radio's display showing "WB 162.400 MHz". The display is blue with white text and a battery level indicator.

Automatically Scan Bands & Alert

A close-up of the radio's display showing "WB 9:27 MHz" with an "ALERT" status. The display is blue with white text and a battery level indicator.

The ZHIWHIS ZWS-2415 Emergency Radio displaying NOAA weather band frequencies and alert status.

Flashlight and Reading Lamp

The radio features a powerful LED flashlight and an 8-LED reading lamp.

- **Flashlight:** Press the **Flashlight** button to cycle through Low Beam, High Beam, SOS Flashing, and Off.
- **Reading Lamp:** Lift the solar panel to reveal the 8-LED reading lamp. It provides soft, diffused light.

LED FLASHLIGHT

Bright flashlight (three levels of lighting) can help you out of the dark in an emergency situation.

Low Beam – High Beam - SOS Flashing – Lights Off



8-LED READING LAMP

Comes with 8 LED soft reading light to protect your eyes.



The ZHIWHIS ZWS-2415 Emergency Radio's LED flashlight in action, and its 8-LED reading lamp providing illumination for reading.

SOS Alarm

In an emergency, press the **SOS** button to activate a loud siren and flashing red and blue LEDs to signal for help.

10,000 MAH Lithium Battery

Can be used for a long time



The ZHIWHIS ZWS-2415 Emergency Radio with its SOS alarm activated, indicating the siren and flashing lights.

Bluetooth and USB Playback

The radio can function as a Bluetooth speaker or play audio from a USB flash drive.

- **Bluetooth:** Press the **BT/MP3** button to switch to Bluetooth mode. Pair with your device (e.g., smartphone) via Bluetooth 5.3.
- **USB Playback:** Insert a USB flash drive (max 256GB) containing MP3, WMA, or WAV audio files into the USB port. Press the **BT/MP3** button to select USB playback mode.
- **AUX-in:** Connect an external audio device using the provided AUX audio cable to the AUX-in jack.
- **Equalizer (EQ):** Press the **EQ** button to cycle through 6 sound equalization options: Normal, Pop, Rock, Jazz, Classic, Country.

Clock, Alarm, and Sleep Timer

The radio includes a digital clock with alarm and sleep timer functions.

- **Clock Setting:** Press the **TIME** button to enter time setting mode. Use the **SET** and **TUNING** buttons to adjust the time and 12/24 hour format.
- **Alarm Clock:** Set an alarm to wake up to a buzzer or radio broadcast.
- **Sleep Timer:** Set the radio to automatically shut down after a specified period (10-90 minutes).

COMPACT RADIO, EASY TO CARRY

Size: 6.7 X 3.5 X 2.8 inches, Weight: 1.2 lb

PORTABLE DESIGN



Equipped with **Antenna Extension**, **Audio Cable**, **Lanyard** and **USB-C Charging Cable**



The ZHIWHIS ZWS-2415 Emergency Radio displaying its auto power-on, alarm clock, and sleep timer functions.

Maintenance

To ensure the longevity and optimal performance of your ZHIWHIS ZWS-2415 Emergency Radio, follow these maintenance guidelines:

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, fully charge the battery every 3-6 months to prevent deep discharge.
- **Water Resistance:** The IPX4 rating protects against splashes. Do not immerse the radio in water. Ensure all port covers are securely closed to maintain water resistance.

Troubleshooting

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

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted or not activated.	Charge the radio via USB-C, solar, or hand crank. Ensure initial hand cranking for battery activation.
Poor radio reception.	Antenna not extended, weak signal, or interference.	Fully extend the telescopic antenna. Use the clip-on wire antenna. Move to an open area away from obstructions or electronic devices.
Bluetooth not connecting.	Radio not in Bluetooth mode, device too far, or pairing issue.	Ensure the radio is in Bluetooth mode. Keep devices within 15 meters (49 feet). Restart both devices and try pairing again.
USB playback not working.	Incorrect file format, unsupported USB drive, or radio not in USB mode.	Ensure audio files are MP3, WMA, or WAV. Check USB drive format (FAT32 recommended). Ensure radio is in USB playback mode.
Display is unresponsive or frozen.	Temporary software glitch.	Try a factory reset (refer to the full user manual for specific steps). If issue persists, contact customer support.

Technical Specifications

Feature	Specification
Model Number	ZWS-2415
Radio Bands	AM: 520-1710KHz, FM: 87-108MHz, SW: 3.20-21.95MHz, VHF: 30.00-199.975MHz, WB: 162.400MHz-162.550MHz
Battery Capacity	10,000mAh Lithium-Ion
Charging Methods	USB-C, Solar Panel, Hand Crank
Bluetooth Version	5.3 (up to 15 meters/49 feet)
USB Playback Support	MP3, WMA, WAV (Max. 256GB)
Speaker Output	5W
Water Resistance	IPX4

Feature	Specification
Dimensions (L x W x H)	6.7" x 3.5" x 2.8" (17cm x 9cm x 7cm)
Weight	1.2 lb
Display Type	LCD

Warranty and Customer Support

The ZHIWHIS ZWS-2415 Emergency Radio is covered by a **12-month warranty** from the date of retail purchase. This warranty covers manufacturing defects and quality issues.

If you encounter any product problems or require assistance, please contact our customer support team. We are committed to providing a satisfactory solution and offer 24/7 customer service.

For support, please refer to the contact information provided with your purchase or visit the official ZHIWHIS website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question