

[Manuals.plus](#) /

> [ZHIWHIS](#) /

> ZHIWHIS ZWS-702 Shortwave Radio User Manual

## ZHIWHIS ZWS-702

# ZHIWHIS ZWS-702 Shortwave Radio User Manual

Model: ZWS-702

## 1. INTRODUCTION

The ZHIWHIS ZWS-702 is a versatile and compact shortwave radio designed for both daily use and emergency situations. It integrates multiple functions including AM/FM/SW/WB radio reception, a media player, Bluetooth connectivity, a flashlight, and an emergency alarm. Its robust design and various power options make it suitable for outdoor activities and preparedness.



Image: The ZWS-702 radio highlighting its emergency features including Bluetooth, SOS Alarm, Hand Crank, Flashlight, Solar charging, Radio, Sleep Timer, USB-C, Earphone Jack, White Noise, MP3 player, 5W Speaker, 4000 mAh battery, Compass, and Analog Dial.

# MULTI-FUNCTION RADIO

Shortwave Radio, Emergency Radio, Bluetooth Speaker



FM/AM/SW  
210 Memory



FM, AM, SW,  
WB RADIO



Analog Dial



5W Speaker  
Mega Bass



3.5mm  
Earphone Jack



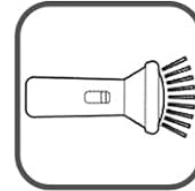
TF Card/  
USB Playback



Hand Crank



Solar



Flashlight



TYPE-C  
USB Charging

4000mAh

Play time  
can be  
up to

32 hrs

\*Medium Volume in FM Radio

NOAA Alerts

White Noise

SOS Alarm



Image: Overview of the ZWS-702's multi-function capabilities, including ATS, FM/AM/SW/WB radio, analog dial, 5W speaker, 3.5mm earphone jack, TF card/USB playback, hand crank, solar charging, flashlight, Type-C USB charging, 4000mAh battery for up to 32 hours playtime, NOAA alerts, white noise, and SOS alarm.

## 2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the radio to strong impacts.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the radio. This will void the warranty and may cause damage.
- Use only the provided USB Type-C cable for charging. Ensure the charging adapter is 5V/2A.
- When using the hand crank, ensure smooth and consistent rotation to avoid damage.
- The SOS alarm is loud; avoid prolonged exposure to prevent hearing damage.

### 3. PACKAGE CONTENTS

Please check the box for the following items:

- 1 x ZWS-702 Portable Shortwave Radio
- 2 x 2000mAh battery (Built-in)
- 1 x Lanyard
- 1 x English User Manual
- 1 x USB Type-C Charging Cable
- 1 x Exquisite Packing Storage Box



Image: The ZWS-702 radio, its storage box, lanyard, USB Type-C charging cable, and the user manual, as included in the package.

## 4. PRODUCT OVERVIEW

Familiarize yourself with the various components and controls of your ZWS-702 radio.





Image: A detailed front view of the ZHIWHIS ZWS-702 radio, showing the speaker grille, display screen, tuning dial, flashlight, and antenna.

Micro SD Card Maximum Support **64G**, which supports **MP3, WAV, APE** and **FLAC** music format.



The **music spectrum light** can be activated and it will change with the **music melody**.



3.5mm Earphone Jack



USB Type-C Charging Port



USB Port



TF/MicroSD Card Slot



Mode Selection Switch: RADIO/ BT/ M\_PLAY  
(Channel Reception/ Bluetooth Reception/ TF Card & USB Mode)

Image: Side view of the ZWS-702 radio, highlighting the 3.5mm earphone jack, USB Type-C charging port, USB port, TF/MicroSD card slot, and the mode selection switch (RADIO/BT/M\_PLAY).

### Key Components:

- **Antenna:** Extendable for improved radio reception.
- **Display Screen:** Shows frequency, mode, battery level, and other indicators.
- **Tuning Dial:** Used for manual station tuning.



- **Speaker:** Front-facing 5W high-quality speaker with bass radiator.
- **Flashlight:** Integrated LED light for illumination.
- **Compass:** Located on top for navigation assistance.
- **Hand Crank:** For manual power generation.
- **Solar Panel:** For solar charging.
- **USB Type-C Port:** For charging the radio.
- **USB-A Port:** For media playback from U disk or as a power bank output.
- **TF/MicroSD Card Slot:** For media playback from a memory card.
- **3.5mm Earphone Jack:** For private listening.
- **Mode Selection Switch:** Toggles between Radio, Bluetooth, and Media Playback modes.
- **SOS Button:** Activates the emergency alarm.

## 5. SETUP

### 5.1 Initial Charging

Before first use, it is recommended to fully charge the radio. The ZWS-702 offers three charging methods:

- **USB Type-C Charging:** Connect the provided USB Type-C cable to the radio's USB-C port and a 5V/2A USB power adapter (not included). The battery indicator lights (1-7) on the display will show charging progress. A full charge typically takes 4-5 hours.
- **Solar Charging:** Place the radio with the solar panel facing direct sunlight. This method is primarily for maintaining charge or slow charging in emergencies.
- **Hand Crank Charging:** Rotate the hand crank clockwise or counter-clockwise at a consistent speed (approx. 130-150 RPM) to generate power. One minute of cranking can provide enough power for a few minutes of radio use or flashlight operation.

# 3 RECHARGEABLE WAYS

● 4000mah rechargeable lithium battery

Hand crank charging

TYPE-C USB charging

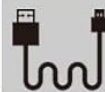
Solar charging



Hand crank charging



Solar charging



TYPE-C USB charging



Image: Illustration of the three charging methods: Hand crank charging, Solar charging, and TYPE-C USB charging.

## CHARGING OPTIONS

- SOLAR,
- HAND CRANK,
- USB TYPE-C

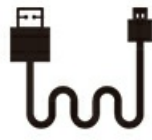


Image: Visual representation of the solar panel, hand crank, and USB Type-C port for charging the radio.

### 5.2 Power On/Off

Press and hold the power button (usually marked with a power symbol) to turn the radio on or off.

## 6. OPERATING INSTRUCTIONS

### 6.1 Mode Selection

Use the mode selection switch (often labeled RADIO/BT/M\_PLAY) to cycle through the available modes:

- **RADIO Mode:** For listening to AM/FM/SW/WB broadcasts.
- **BT (Bluetooth) Mode:** For connecting to Bluetooth-enabled devices.
- **M\_PLAY (Media Playback) Mode:** For playing audio from a TF card or USB drive.

### 6.2 Radio Operation

In RADIO mode, extend the antenna for optimal reception, especially for FM and SW bands.

- **Band Selection:** Use the dedicated band button (e.g., FM/AM/SW/WB) to switch between frequency bands.
- **Manual Tuning:** Rotate the tuning dial to manually search for stations. The frequency will be displayed on the screen.
- **Automatic Scan (ATS):** Press the 'SCAN' or 'ATS' button to automatically scan and save available stations to memory channels. The radio features 210 memory channels.
- **NOAA Weather Alert:** The radio includes a NOAA weather alert function. In WB mode, it can receive NOAA weather broadcasts and alerts to keep you informed about emergency weather conditions.

## 2 WAYS TO CHOOSE THE STATION



Image: Demonstrates manual tuning using the dial and automatic scanning/preset selection using the buttons.

# 4000 mah Lithium Battery

Can be used for a long time



## 7 NOAA channels & Alerts

Help you deal with the Hazard Weather at the first time



Image: The ZWS-702 radio with an extended antenna, illustrating its NOAA weather alert capability and the built-in SOS alarm function.

### 6.3 Bluetooth Pairing

In BT mode, the radio will enter pairing mode, indicated by a flashing Bluetooth icon on the display. On your Bluetooth-enabled device (e.g., smartphone), search for "ZWS-702" and select it to connect. Once paired, you can play audio from your device through the radio's speaker.



Image: The ZWS-702 radio next to a smartphone, indicating Bluetooth 5.0 connectivity.

#### 6.4 Media Playback (TF Card / USB Drive)

In M\_PLAY mode, insert a TF/MicroSD card (up to 64GB) into the TF card slot or a USB drive into the USB-A port. The radio supports MP3, WAV, APE, and FLAC audio formats. Use the playback control buttons (Play/Pause, Next/Previous Track) to manage your music.



Image: The ZWS-702 radio showing the USB and TF card slots, with icons for supported audio formats (MP3, WAV, APE, FLAC).

#### 6.5 Flashlight Operation

Press the dedicated flashlight button (usually located near the flashlight) to turn the LED flashlight on or off.



Image: The ZWS-702 radio with its powerful LED flashlight illuminated, casting a bright beam.

#### 6.6 SOS Alarm

In an emergency, press the SOS button to activate a loud alarm and flashing light signal. Press it again to deactivate.

#### 6.7 White Noise & Sleep Timer

The ZWS-702 includes 7 types of white noise to aid relaxation and sleep. Activate white noise mode and select your preferred sound. The sleep timer function allows you to set the radio to automatically shut off after 10-70 minutes, conserving battery life while you fall asleep.



## High Sound Quality & Sleep Timer



### 7 TYPES OF WHITE NOISE

The ZWS-702 machine is loaded with high-quality **white noise** to drown out distractions and help you drift to sleep.



### HIGH-QUALITY SPEAKER

Built-in **5W high-quality bass speaker**, which makes the sound of the radio clear and thick, it will give you a different hearing.



### SLEEP TIMER

Set regular shutdown before sleep, let you sleep easily. Sleep timer is **up to 70 minutes**.

Image: Features of the ZWS-702 including 7 types of white noise, a high-quality 5W bass speaker, and a sleep timer function up to 70 minutes.



Image: A banner highlighting the White Noise and Sleep Timer functions of the ZWS-702 radio, shown in a bedroom setting.

### 6.8 Power Bank Function

The built-in 4000mAh battery can be used to charge external devices via the USB-A output port. Connect your device using its charging cable. Note that the radio cannot be played while functioning as a power bank.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for a long period, charge the battery to about 50% and recharge every 3-6 months.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Low battery.	Charge the radio using USB-C, solar, or hand crank.
Poor radio reception.	Antenna not extended; weak signal area.	Fully extend the antenna. Try repositioning the radio.
Bluetooth not connecting.	Radio not in BT mode; device too far; previously paired device connected.	Ensure radio is in BT mode. Move device closer. Disconnect from other devices.
TF card/USB drive not playing.	Incorrect mode; unsupported file format; corrupted media.	Switch to M_PLAY mode. Ensure files are MP3/WAV/APE/FLAC. Try a different card/drive.
Hand crank is stiff or not charging.	Improper rotation; internal issue.	Ensure smooth, consistent rotation. If issue persists, contact support.

## 9. SPECIFICATIONS

- **Model:** ZWS-702
- **Dimensions:** 3.2 x 2 x 5.2 inches (81x52x132mm)
- **Weight:** 0.77 lb (12.7 ounces)
- **Radio Bands:** FM: 87-108MHz; AM: 520-1710KHz; SW: 5.7-17.9MHz; WB: 162.400-162.550MHz
- **Memory Channels:** 210
- **Battery:** Built-in 4000mAh rechargeable lithium battery (2 x 2000mAh)
- **Charging Options:** USB Type-C, Solar, Hand Crank
- **Speaker:** 5W high-quality speaker with bass radiator
- **Connectivity:** Bluetooth 5.0, USB, TF/MicroSD card
- **Supported Audio Formats:** MP3, WAV, APE, FLAC
- **Special Features:** NOAA Weather Alerts, SOS Alarm, Flashlight, White Noise (7 types), Sleep Timer (10-70 mins), Power Bank function, Compass

## 10. WARRANTY AND SUPPORT

ZHIWHIS provides a full 12-month guarantee for the ZWS-702 Shortwave Radio. If you encounter any issues with the product or have questions, please contact ZHIWHIS customer service. They offer 24/7 support to ensure a satisfactory solution.

For support, please refer to the contact information provided on the product packaging or the official ZHIWHIS website.