

ZHIWHIS ZWS-105

ZHIWHIS Portable AM FM Receiver ZWS-105 Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your ZHIWHIS Portable AM FM Receiver, model ZWS-105. Please read this manual thoroughly before using the device and retain it for future reference. The ZWS-105 is a compact, pocket-sized radio designed for portability and ease of use. It features precise digital tuning for both AM and FM bands, a clear LCD display, and a powerful DSP chip for enhanced reception. With its 100-station memory, digital clock, and timer functions, it offers a versatile listening experience for various activities.

2. PACKAGE CONTENTS

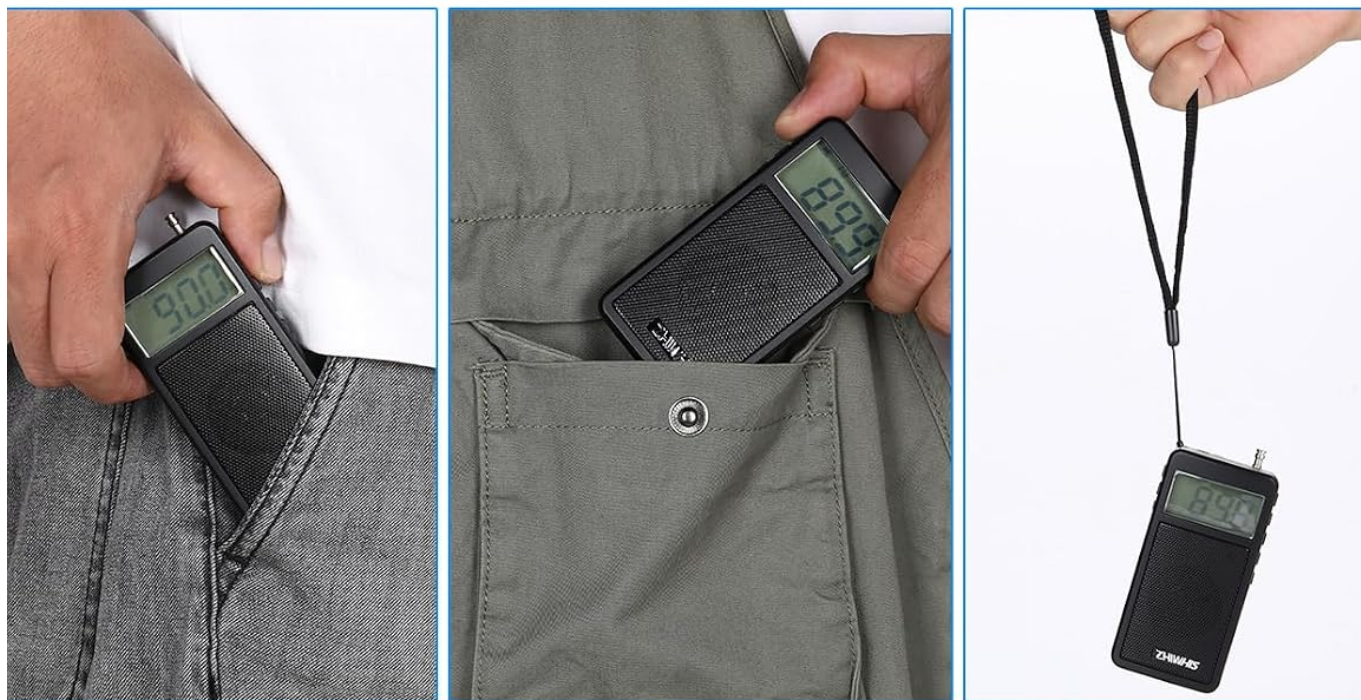
Upon unpacking, please ensure all items listed below are present and in good condition:

- 1 x ZHIWHIS Portable Radio (Model ZWS-105)
- 1 x Stereo Earphone
- 1 x Hand Strap
- 1 x Neck Lanyard
- 1 x Waterproof Storage Bag
- 1 x Owner's Manual (this document)

COMPACT RADIO, EASY TO CARRY

Size: 3.7 X 1.8 X 0.9 inches/9×5×2cm, Weight: 0.1 lb/60g

SMALL PORTABLE DESIGN



Equipped with **Hand Strap**, **Neck Lanyard**, **Waterproof Storage Bag** and **Stereo Earphone**



Image: The ZHIWHIS ZWS-105 Portable Radio shown with its included accessories: earphones, hand strap, neck lanyard, and waterproof storage bag.

3. PRODUCT FEATURES

- **Digital Tuning:** Precise AM/FM digital tuning with an easy-to-read LCD display.
- **User-Friendly Controls:** Intuitive button layout for easy station selection and volume adjustment.

- **Portable Design:** Compact, pocket-sized, powered by 2 AAA batteries, ideal for on-the-go use.
- **Reception Enhancer:** Equipped with a powerful DSP chip and telescopic antenna for improved signal reception and clear sound quality.
- **Station Memory:** Store up to 100 radio stations (50 for AM, 50 for FM) for quick access.
- **Audio Output:** Strong speaker audio and a 3.5mm earphone jack for personal listening.
- **Digital Clock & Timers:** Features a digital clock, auto power-on (alarm clock), and a sleep timer (15-90 minutes).

AM FM PORTABLE RADIO

Bicycle, Hiking, Home, Travel, Camp



FM AM



Each Band
50 Memory



Digital Tuning



Speaker



3.5mm
Earphone Jack



2*AAA
Battery Supply



Sleep Timer



Alarm /Start
Clock Timer



Backlight



Digital Clock

2*AAA Battery

It will last
a long
play time.

LCD Display

Lightweight

Pocket Radio

Lock Button



Image: Front view of the ZHIWHIS ZWS-105 Portable Radio, illustrating its compact size and digital display.

4. PRODUCT LAYOUT AND CONTROLS

Familiarize yourself with the radio's buttons and ports for optimal operation.

BUTTON DESCRIPTION

No complicated operations, power on the radio and ready to go.



Image: A detailed diagram showing the location and function of each button and port on the ZHIWHIS ZWS-105 Portable Radio, including the Lanyard Hole, Power/Sleep Timer Setting, Band/Scan/Alarm Setting, Lock switch, Battery Cover, Loudspeaker, Volume +/-, Tune +/-, MEM (Memory Station/Recall station/Time Setting), and 3.5mm Earphone Jack.

- **Power/Sleep Timer Setting:** Turns the radio on/off and sets the sleep timer.
- **Band/Scan/Alarm Setting:** Switches between AM/FM bands, initiates automatic station scanning, and sets the alarm.

- **Lock Switch:** Prevents accidental button presses. Slide to the right to lock, to the left to unlock.
- **Volume +/-:** Adjusts the audio output level.
- **Tune +/-:** Manually adjusts the radio frequency.
- **MEM (Memory Station/Recall station/Time Setting):** Used for saving and recalling preset stations, and for setting the digital clock.
- **3.5mm Earphone Jack:** Connects to earphones for private listening.
- **Telescopic Antenna:** Extend for improved FM reception.

5. SETUP

5.1 Battery Installation

The ZWS-105 radio operates on 2 x 1.5V AAA batteries (not included).

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

BATTERY POWERED

2 AAA 1.5V batteries (Not Included)



Image: The back of the ZHIWHIS ZWS-105 Portable Radio with the battery compartment open, showing where to insert two AAA batteries.

6. BASIC OPERATION

6.1 Power On/Off

- To turn on the radio, press the **Power** button.

- To turn off the radio, long-press the **Power** button.

6.2 Band Selection (AM/FM)

- Press the **BAND** button to switch between AM and FM bands. The selected band will be displayed on the LCD screen.

6.3 Tuning to Stations

- **Automatic Scan (ATS):** Long-press the **BAND/SCAN** button. The radio will automatically search for and save available stations to memory.
- **Manual Tuning:** Use the **TUNE +/-** buttons to manually adjust the frequency step by step.

Your browser does not support the video tag.

Video: This video demonstrates how to automatically search and save preset radio stations on a similar portable radio model. It shows pressing the power button to enter FM mode, then long-pressing the MEM/SCAN button to initiate automatic search, and finally using M+/- to recall saved stations.

6.4 Volume Adjustment

- Use the **VOL +/-** buttons to increase or decrease the volume.

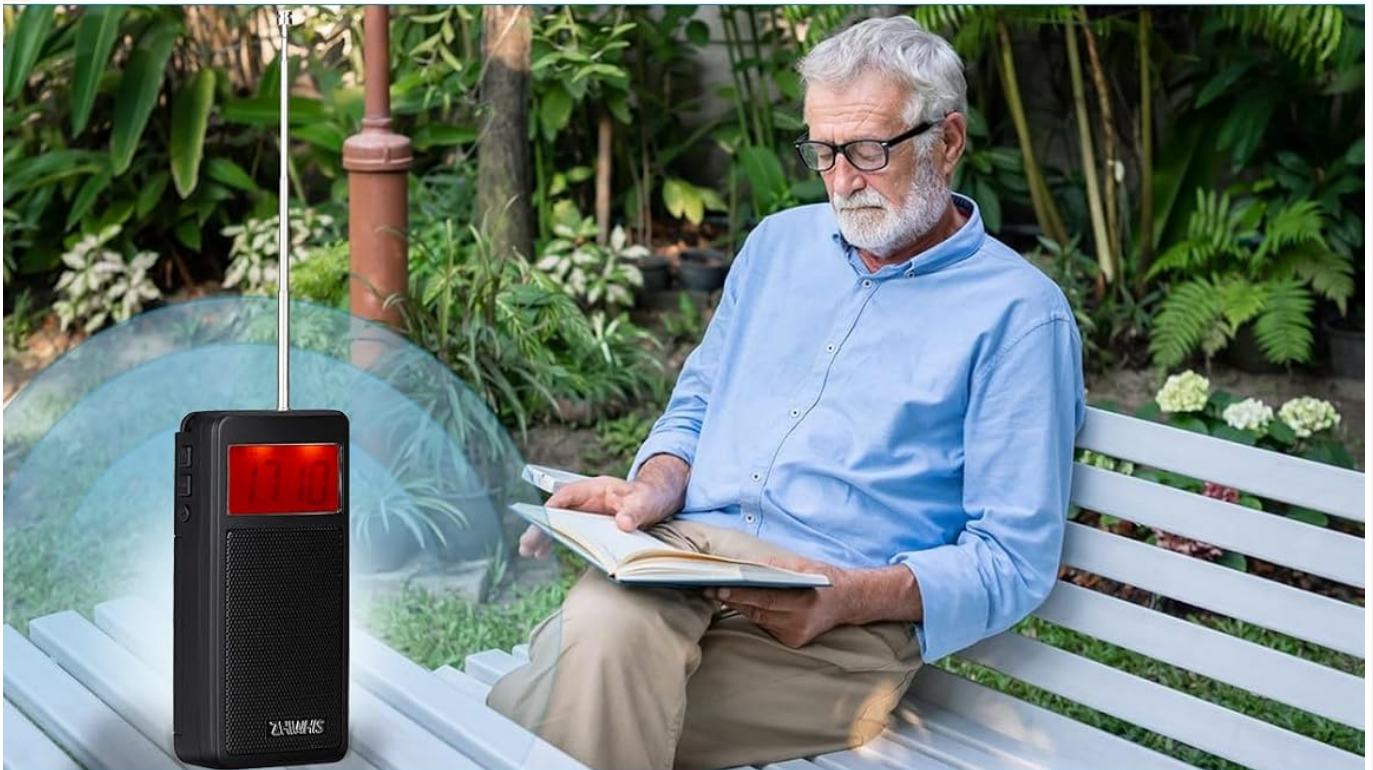
6.5 Listening Options

- **Built-in Speaker:** The radio features a $\phi 40\text{mm}$ 4Ω 2W speaker for clear audio.
- **Earphone Jack:** For private listening, plug 3.5mm earphones into the earphone jack. When earphones are connected, the earphone cable acts as an external antenna for FM reception.

LISTENING TO THE RADIO

This product has two ways to listen to the radio.

Built-in Speaker



Supports 3.5mm Earphone or Headphone



Image: Two scenarios demonstrating listening options for the ZHIWHIS ZWS-105 Portable Radio: one showing a person listening via the built-in speaker, and another showing a person using 3.5mm earphones.

7. ADVANCED FEATURES

7.1 Setting the Digital Clock

- When the radio is off, long-press the **MEM/SCAN** button to enter time setting mode.
- Use the **TUNE +/-** buttons to switch between 12H/24H time display.
- Click the **MEM/SCAN** button again to select the hour, then use **TUNE +/-** to adjust.
- Repeat for minutes.
- Press **MEM/SCAN** to confirm and exit.

Your browser does not support the video tag.

Video: This video provides user guidance on setting the time and timing shutdown features on a portable AM FM radio. It shows how to adjust the time and set a sleep timer.

7.2 Setting the Alarm Clock (Auto Power-On)

- When the radio is off, long-press the **BAND/SCAN** button to enter alarm setting mode.
- Use the **TUNE +/-** buttons to set the desired alarm time (hour and minute).
- Press **BAND/SCAN** to confirm. The alarm icon will appear on the display.
- The radio will automatically turn on at the set time.

7.3 Sleep Timer

The sleep timer allows the radio to automatically shut off after a set period (15 to 90 minutes).

- When the radio is on, short-press the **Power/Sleep Timer Setting** button repeatedly to cycle through sleep timer options (e.g., 90, 80, 70...15 minutes, OFF).
- The radio will automatically turn off after the selected duration.



START TIMER (AUTO POWER-ON)

With **12/24-hour clock**, you can set alarm timer to **make the radio auto turn on**.

Let you never miss your favorite radio program.



ALARM CLOCK

At the set time, then the radio **will ring(Buzzer sound)** .



SLEEP TIMER

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

Image: Icons representing the digital clock, start timer (auto power-on), alarm clock, and sleep timer features of the ZHIWHIS ZWS-105 Portable Radio.

7.4 Station Memory (Saving and Recalling)

The radio can store up to 50 AM and 50 FM stations.

- **Automatic Storage (ATS):** As described in Section 6.3, long-press the **BAND/SCAN** button to automatically search

and save stations.

- **Manual Storage:**

- a. Tune to the desired station using **TUNE +/-**.
- b. Long-press the **MEM** button until "MEM" flashes on the screen.
- c. Use **TUNE +/-** to select a memory preset number (P01-P50).
- d. Short-press the **MEM** button again to confirm and save.

- **Recalling Stations:** Short-press the **MEM** button, then use **TUNE +/-** to cycle through your saved preset stations.

DSP RECEPTION

Employing DSP digital chip,
high sensitive receiver.

FM: 64-108MHz

AM: 520-1710KHz

100 MEMORY STATION

* Each Band can store up to
50 preset stations.

Set two memory station methods:

- * Automatic Memory Station (ATS)
- * Manually Memory Station



Image: The ZHIWHIS ZWS-105 Portable Radio displaying its DSP reception capabilities for FM (64-108MHz) and AM (520-1710KHz), along with an indication of its 100-station memory capacity and two memory station methods (ATS and Manual).

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	ZWS-105
Dimensions	3.7 x 1.8 x 0.9 inches (9 x 5 x 2 cm)
Weight	0.1 lb (60g)
Power Source	2 x 1.5V AAA Batteries
Receive Sensitivity (FM)	≤8UV
Receive Sensitivity (AM)	≤3mv/M
Memorized Stations	50 FM, 50 AM (Total 100)
Speaker	φ40 mm / 4Ω / 2W
Earphone Jack	3.5mm
Tuner Technology	Digital
Special Features	100 Station Memory, Digital Tuning, LCD Display, Portable Design, Digital Clock, Auto Power-on, Sleep Timer

9. TROUBLESHOOTING

If you encounter issues with your ZHIWHIS ZWS-105 radio, please refer to the following common solutions:

- **No Power:**
 - Ensure batteries are inserted correctly with proper polarity.
 - Replace old or depleted AAA batteries with new ones.
 - Check if the Power button is pressed firmly.
- **Poor Reception:**
 - Extend the telescopic antenna fully for FM reception.
 - If using earphones, ensure they are properly plugged in, as the cable acts as an antenna.
 - Try repositioning the radio or moving to an area with better signal strength.
 - Perform an automatic station scan (ATS) to find stronger signals.
- **No Sound:**
 - Increase the volume using the **VOL +/-** buttons.
 - If earphones are plugged in, ensure they are working and properly connected.
 - Check if the radio is tuned to an active station.
- **Buttons Unresponsive:**
 - Check if the **Lock** switch is in the unlocked position.
 - Remove and reinsert batteries to reset the device.

10. WARRANTY AND SUPPORT

ZHIWHIS offers a full 12-month guarantee for this product. If you encounter any issues or have questions, please contact ZHIWHIS customer service. They provide 24/7 customer support to ensure a satisfactory solution. For support, please refer to the contact information provided with your purchase or on the official ZHIWHIS website.

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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