Ruizu X02

RUIZU X02 MP3 Player User Manual

Model: X02

1. Product Overview

The RUIZU X02 is an ultra-lightweight portable MP3 player designed for audio playback. It features a 1.8-inch TFT color display, 64GB of internal storage, and Bluetooth 5.3 connectivity. The device supports various audio formats and offers up to 80 hours of playback on a single charge.



Figure 1.1: The RUIZU X02 MP3 Player, demonstrating its ultra-lightweight design (approximately 30g).

2. Setup

2.1 What's in the Box

- RUIZU X02 MP3 Player
- Wired Headphones
- USB Type-C Charging Cable
- Waterproof Pouch
- User Manual

2.2 Charging the Device

Connect the provided USB Type-C cable to the player's charging port and a compatible USB power source (e.g., computer, wall adapter). A full charge provides up to 80 hours of audio playback.



Figure 2.1: The MP3 player's battery indicator showing long playback time.

2.3 Memory Expansion

The player has 64GB of built-in memory. To expand storage, insert a MicroSD card (not included) into the dedicated slot. The device supports MicroSD cards up to 128GB.



Figure 2.2: Visual representation of the 64GB internal memory and MicroSD card expansion capability.

2.4 Transferring Music Files

Connect the MP3 player to your computer using the USB Type-C cable. The device will appear as a removable storage drive. Drag and drop your audio files (MP3, WMA, APE, WAV, FLAC) directly into the player's storage or a folder on the MicroSD card.

3. Operating Instructions

3.1 Basic Controls

The RUIZU X02 features intuitive physical buttons for navigation and control:

- **M Button:** Short press to open the menu. Press and hold for 3 seconds to lock/unlock the device buttons.
- **VOL Button:** Short press to go back to the previous track. Press and hold for 2 seconds to adjust the volume.
- **Navigation Buttons (Left/Right):** Use to navigate through menus or skip tracks.
- **Play/Pause Button (Center):** Press to play or pause audio.



Figure 3.1: Detailed functions of the M and VOL buttons.

3.2 Display and Interface

The 1.8-inch TFT color display provides clear information, including album art and lyrics (if available in the file metadata).



Figure 3.2: The 1.8-inch TFT color display showing music information.

3.3 Bluetooth 5.3 Connectivity

The player supports Bluetooth 5.3 for wireless connection to compatible headphones and speakers. To pair, navigate to the Bluetooth menu, enable Bluetooth, and select your device from the list.



Figure 3.3: Bluetooth 5.3 wireless connection.

3.4 Supported Audio Formats

The device supports a variety of audio formats, including MP3, WMA, APE, WAV, and FLAC, ensuring compatibility with most digital music libraries.



Figure 3.4: Supported audio formats and included accessories.

3.5 Additional Features

The RUIZU X02 includes several practical functions:

- **FM Radio:** Listen to your favorite FM stations.
- **Voice Recording:** Record audio using the built-in microphone.
- **Alarm Clock:** Set alarms for reminders.
- **E-book Reader:** View text files.
- **Video Playback:** Play supported video formats on the 1.8-inch screen.
- **Resume Playback:** Continue audio from the last listened point, useful for audiobooks and podcasts.



Figure 3.5: Overview of the player's multi-functional capabilities.

4. Maintenance

To ensure the longevity and optimal performance of your RUIZU X02 MP3 Player, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the player in a cool, dry place away from direct sunlight and extreme temperatures.
- **Protection:** Use the provided waterproof pouch to protect the device from dust and minor splashes. Avoid dropping the device or subjecting it to strong impacts.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

5. Troubleshooting

If you encounter issues with your RUIZU X02 MP3 Player, refer to the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. Connect the player to a power source and try again. If unresponsive, perform a soft reset by pressing and holding the power button for 10-15 seconds.
- **Cannot Transfer Files:** Verify the USB cable is securely connected to both the player and the computer. Try a different USB port or cable. Ensure the player is recognized as a storage device by your computer.
- **Bluetooth Pairing Issues:** Ensure the player's Bluetooth is enabled and in pairing mode. Check that your headphones/speaker are also in pairing mode and within range. Try unpairing and re-pairing the devices. Ensure no other Bluetooth devices are interfering.
- **No Sound:** Check the volume level on the player and your connected headphones/speaker. Ensure headphones are properly plugged into the 3.5mm jack or correctly paired via Bluetooth. Test with different headphones if possible.
- **Screen Unresponsive/Frozen:** Press and hold the power button for 10-15 seconds to force a restart.

6. Specifications

Feature	Specification
Brand	Ruizu
Model Number	X02
Memory Capacity	64 GB (Expandable up to 128GB via Micro SD)
Connectivity Technology	AUX, Bluetooth 5.3, USB Type-C
Screen Size	1.8 Inches
Supported Audio Standards	MP3, WMA, APE, WAV, FLAC
Special Features	Equalizer, FM Radio, Voice Recording, Video Playback, Alarm Clock
Compatible Devices	Speakers, Headphones, PC
Item Weight	30 Grams
Included Components	Wired Headphones, Waterproof Pouch, User Manual, USB Type-C Cable

7. Warranty and Support

For warranty information or technical support, please refer to the contact details provided in the packaging or on the official RUIZU website. The manufacturer encourages users to contact them directly for any product-related issues or inquiries.

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