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TOZO T13120

TOZO OpenReal Wireless Bluetooth 5.3 Open-Ear Headphones User Manual

Model: T13120

1. Introduction

This manual provides detailed instructions for the TOZO OpenReal Wireless Bluetooth 5.3 Open-Ear Headphones. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your user experience. Keep this manual for future reference.

2. Product Overview

2.1 Package Contents

- TOZO OpenReal Wireless Headphones
- Magnetic Charging Cable
- Quick Guide and User Manual

2.2 Key Features

- **Open-Ear Design:** Allows for all-day listening comfort without entering the ear canal, reducing pressure during prolonged use and maintaining situational awareness.
- **Air Conduction Technology:** Prevents sound leakage and delivers targeted, clear audio.
- **Ergonomic Design:** Ensures a comfortable and stable fit for various ear shapes, suitable for sports activities.
- **Dual-Mic ENC Noise Reduction:** Enhances call clarity by accurately capturing your voice and eliminating background noise.
- **Bluetooth 5.3:** Provides a stable connection and reduced data latency.
- **16.2mm Dynamic Drivers:** Delivers rich sound with deep bass, tuned by TOZO acoustic laboratories.
- **Extended Playtime & Quick Charge:** Up to 16 hours of continuous playback/talk time on a single charge. 10 minutes of charging provides approximately 2 hours of playback.
- **IPX8 Waterproof Rating:** Resistant to sweat and rain, suitable for workouts and outdoor activities.
- **Intuitive Controls:** Features a built-in touch panel and physical buttons for easy operation.
- **TOZO App Support:** Offers 32 preset EQ sound modes and customizable settings.

2.3 Product Diagram



Figure 1: TOZO OpenReal Wireless Bluetooth 5.3 Open-Ear Headphones. This image shows the overall design of the headphones, featuring an open-ear style with a flexible neckband connecting the two earpieces.

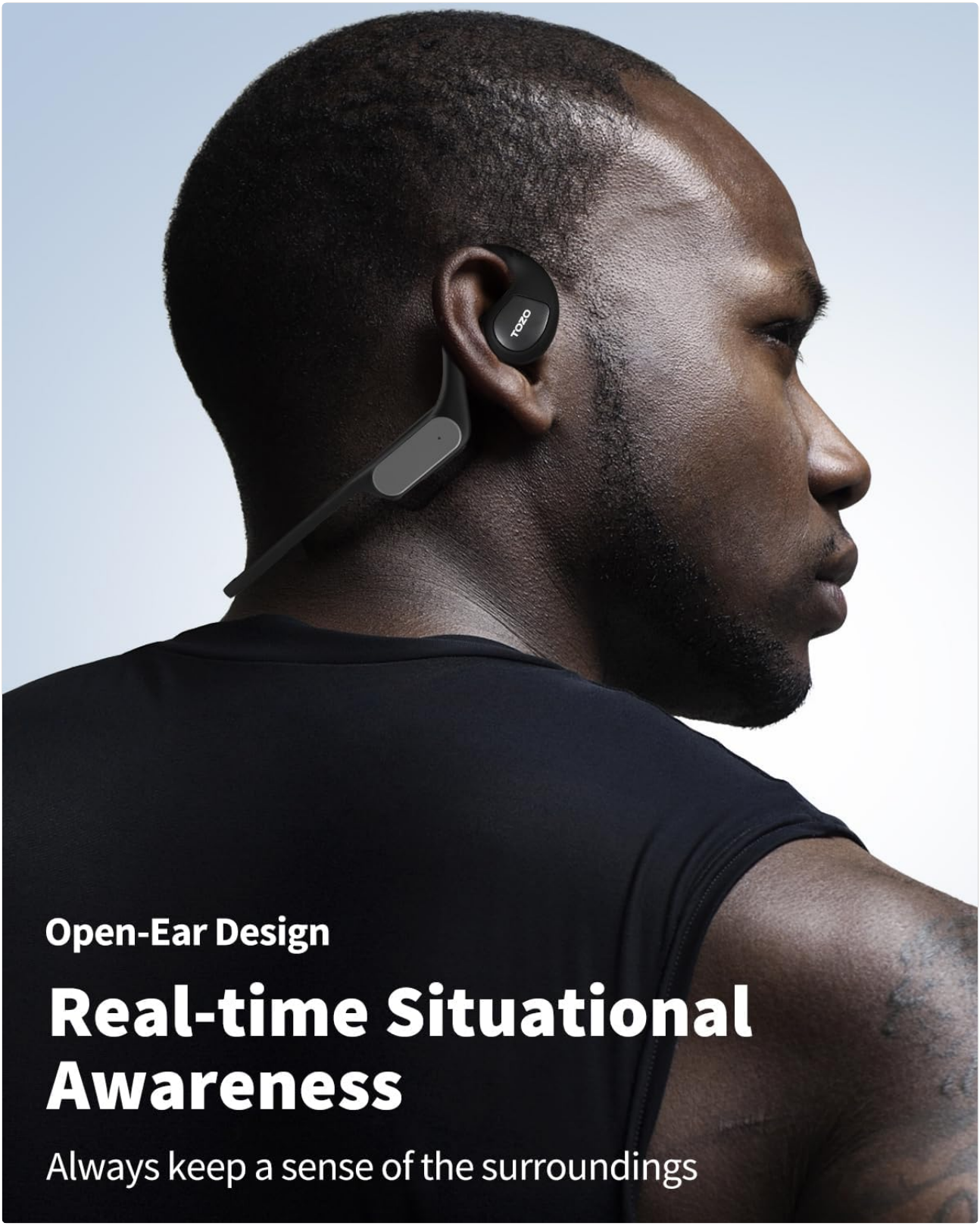


Figure 2: Open-Ear Design for Situational Awareness. A person wearing the TOZO OpenReal headphones, demonstrating how the open-ear design allows for real-time awareness of surroundings while listening to audio.

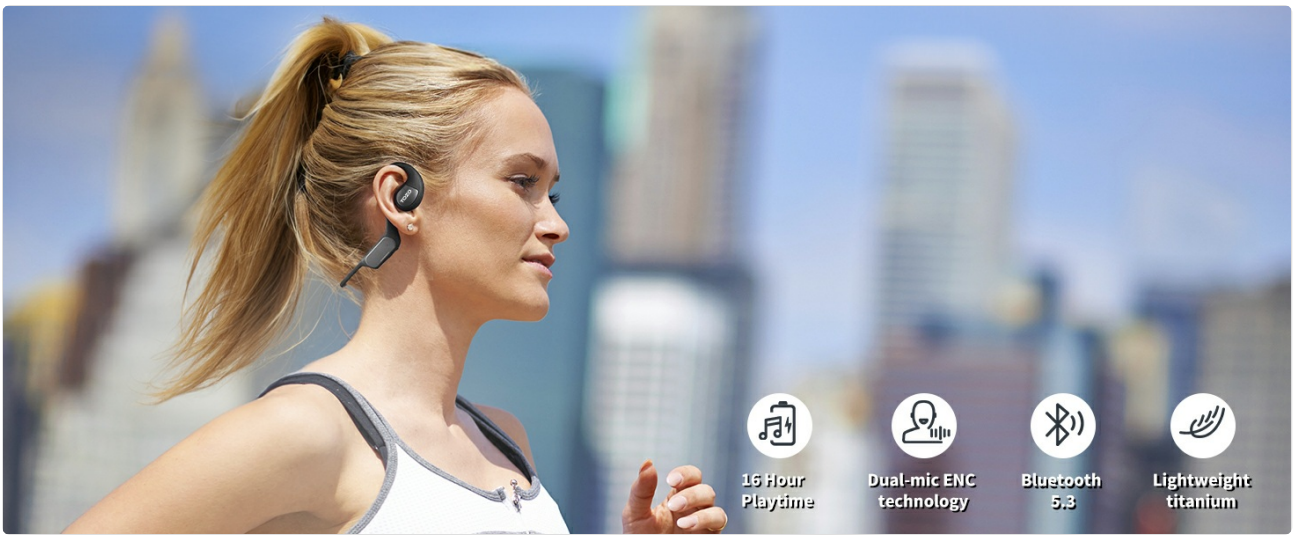


Figure 3: Comparison of Air Conduction vs. Bone Conduction. This image presents a table comparing the performance of OpenReal (Air Conduction) with other Bone Conduction headphones across sound quality, comfort, and health effects, highlighting the advantages of air conduction.

3. Setup

3.1 Charging the Headphones

Before first use, fully charge the headphones. The TOZO OpenReal headphones feature magnetic fast charging.

- Connect the magnetic charging cable to the charging port on the headphones.
- Ensure the magnets align correctly to avoid reverse charging.
- Connect the other end of the cable to a USB power source (e.g., wall adapter, computer USB port).
- A full charge provides up to 16 hours of listening time. A 10-minute charge can provide approximately 2 hours of playback.



Figure 4: Magnetic Charging Port. This image illustrates the magnetic charging connection point on the headphones, with a note to align magnets correctly to prevent reverse charging.

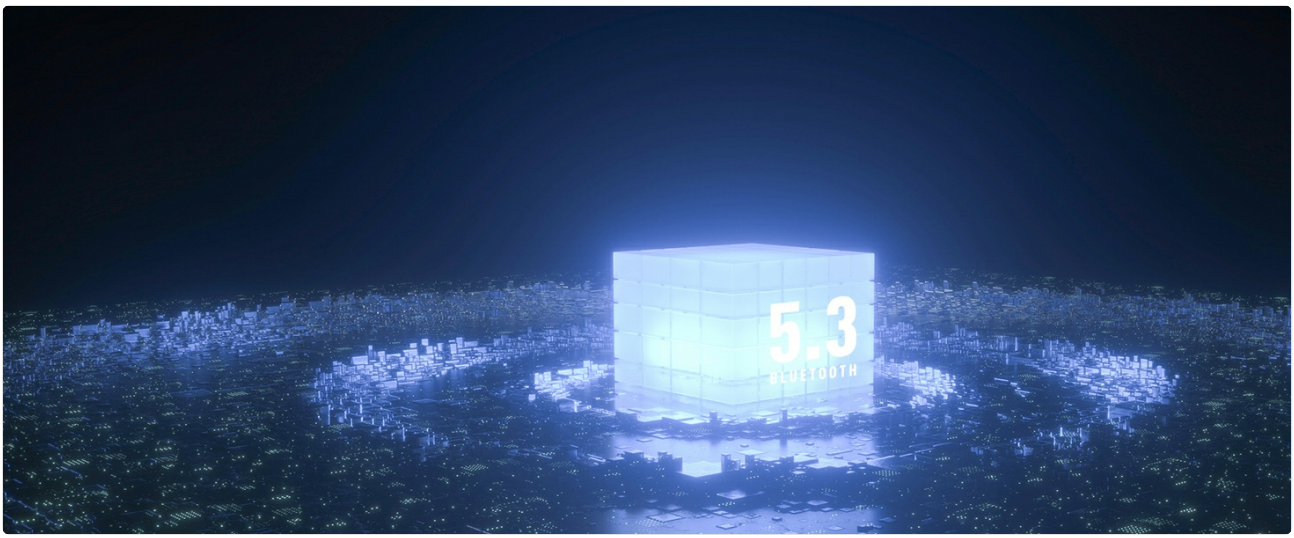


Figure 5: 16-Hour Playtime and Quick Charge. This image highlights the long battery life and quick charging capability of the headphones, showing a charging cable connected to the device.

3.2 Bluetooth Pairing

To connect your TOZO OpenReal headphones to a device:

1. Ensure the headphones are charged and powered on.
2. Activate Bluetooth on your smartphone, tablet, or other compatible device.
3. Search for "TOZO OpenReal" in the list of available Bluetooth devices.
4. Select "TOZO OpenReal" to initiate the pairing process.
5. Once paired, the headphones will connect automatically to the last paired device when powered on and within range.

4. Operating Instructions

4.1 Button Controls

The TOZO OpenReal headphones feature intuitive physical buttons for various functions:



Figure 6: Easy Button Controls Diagram. This diagram illustrates the various button functions on the TOZO OpenReal headphones, including controls for playback, calls, volume, and voice assistant activation.

- **Play/Pause:** Press 1 time.

- **Hang Up Call:** Hold for 3 seconds.
- **Cancel Outgoing Call:** Hold for 2 seconds.
- **Reject Call:** Hold for 2 seconds.
- **Answer Call:** Press 1 time.
- **Activate Voice Assistant:** Hold for 2 seconds.
- **Next Song:** Hold for 2 seconds.
- **Previous Song:** Hold for 2 seconds.
- **Volume Up:** Press 1 time.
- **Volume Down:** Press 1 time.

4.2 TOZO App Features

Enhance your listening experience by using the TOZO App, which offers advanced customization options:

- Access 32 preset EQ sound modes (e.g., Standard, Dance, Jazz, Pop, Rock, Classical).
- Customize sound settings to your preferences.
- Explore additional features for a personalized user experience.



Figure 7: TOZO App Interface. This image displays the TOZO app interface on a smartphone, showcasing the 32 EQ sound modes and other customizable features available for the OpenReal headphones.

5. Maintenance

To ensure the longevity and optimal performance of your TOZO OpenReal headphones, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the headphones with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.

- **Water Resistance:** The headphones are IPX8 waterproof, meaning they are resistant to sweat and rain. However, avoid prolonged submersion in water. Ensure the charging port is dry before charging.
- **Charging Cable:** Handle the magnetic charging cable with care. Do not bend or twist it excessively.

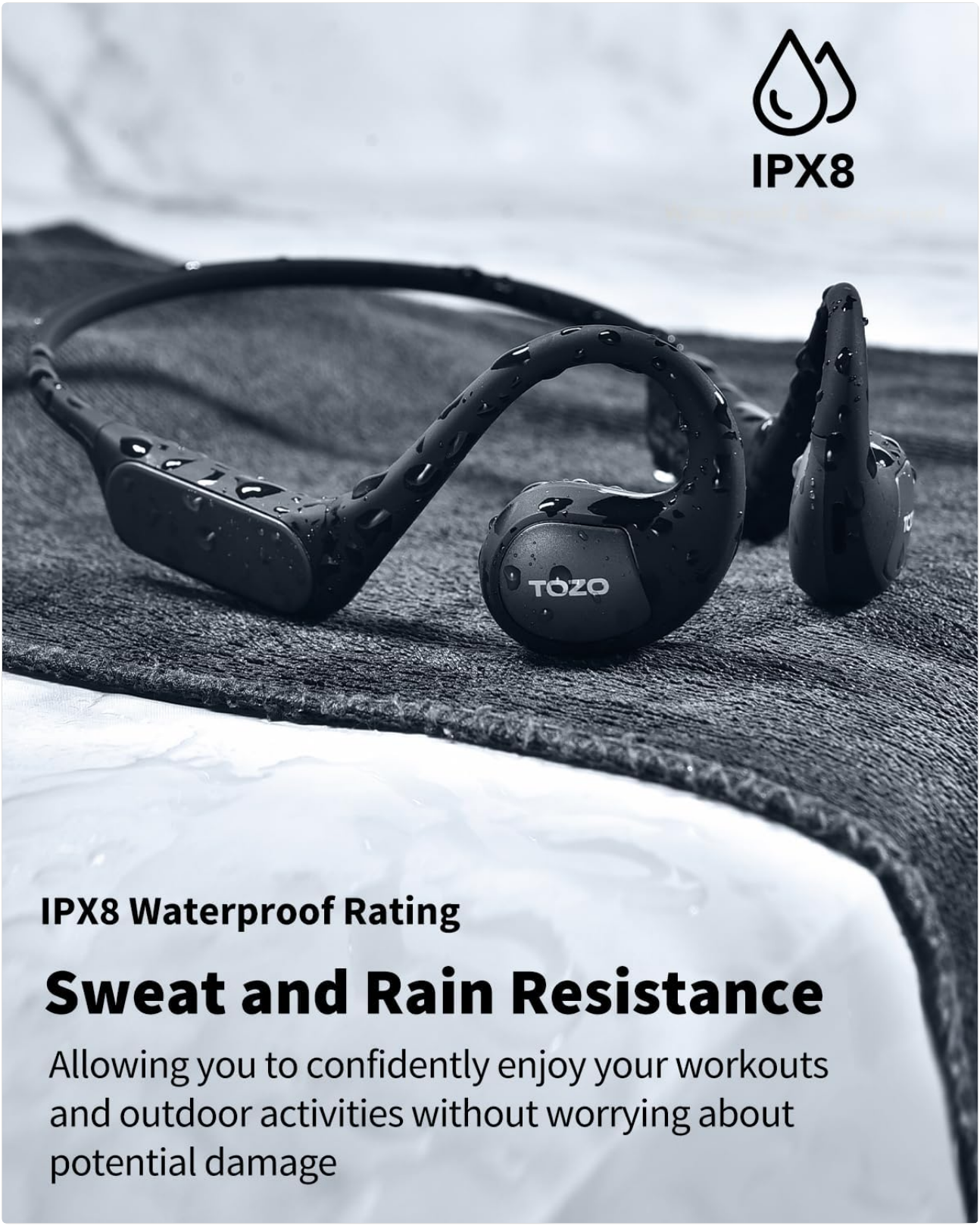


Figure 8: IPX8 Waterproof Rating. This image shows the TOZO OpenReal headphones with water droplets on them, illustrating their IPX8 sweat and rain resistance, suitable for active use.

6. Troubleshooting

If you encounter issues with your TOZO OpenReal headphones, refer to the following common solutions:

Problem	Solution
Headphones do not power on.	Ensure the headphones are fully charged. Connect them to the magnetic charging cable and a power source.
Cannot pair with a device.	◦ Ensure Bluetooth is enabled on your device. ◦ Make sure the headphones are in pairing mode (usually indicated by a flashing LED). ◦ Forget "TOZO OpenReal" from your device's Bluetooth list and try pairing again. ◦ Ensure the headphones are within the effective Bluetooth range (typically 10 meters).
No sound or low volume.	◦ Adjust the volume on both the headphones and your connected device. ◦ Ensure the headphones are properly connected to your device. ◦ Check if the audio output is set to "TOZO OpenReal" on your device.
Call quality is poor.	◦ Ensure the microphone is not obstructed. ◦ Move to an area with less background noise. ◦ Ensure a stable Bluetooth connection.

7. Specifications

Feature	Detail
Model Name	TOZO OpenReal
Model Number	T13120
Connectivity Technology	Wireless (Bluetooth 5.3)
Wireless Communication Technology	Bluetooth
Ear Placement	Open-Ear
Driver Size	16.2mm Dynamic Speaker
Impedance	16 ohms
Frequency Response	20 KHz (Note: This is likely the upper limit, typical range is 20Hz-20kHz)
Sensitivity	101 dB
Battery Life	Up to 16 hours (playback/talk time)
Quick Charge	10 minutes for 2 hours playback
Water Resistance Level	IPX8 (Waterproof)
Control Type	Media Control (Buttons and Touch Panel)
Compatible Devices	Smartphones, tablets, laptops, desktop computers, smart speakers
Material	Plastic

8. Warranty and Support

TOZO products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official TOZO website.
For technical support or customer service inquiries, please contact TOZO customer support through their official channels. Information regarding spare parts availability and software updates may vary; please check the official TOZO website for the most current details.

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