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› QZTELECTRONIC Bone Conduction Glasses, Model: Glasses-01 - Instruction Manual

QZTELECTRONIC Glasses-01

QZTELECTRONIC Bone Conduction Glasses, Model: Glasses-01 - Instruction Manual

User manual for QZTELECTRONIC Bone Conduction Glasses, featuring open-ear headphones, photochromic and anti-blue light lenses, Bluetooth connectivity, hands-free calling, and IP6 waterproof rating.

INTRODUCTION

The QZTELECTRONIC Bone Conduction Glasses, Model: Glasses-01, integrate advanced audio technology with protective eyewear. These smart glasses provide an open-ear listening experience, allowing you to remain aware of your surroundings while enjoying audio. They feature photochromic lenses that adapt to light conditions and anti-blue light filtering for eye protection. With Bluetooth connectivity, hands-free calling, and a durable waterproof design, these glasses are designed for versatile daily use.

Bone Conduction Glasses



Bone Conduction
Headphones



Bluetooth Dual
Pairing



Stereo
Music



Hand-free
Calling



Photochromic
Glasses



Anti Blue
Ray



IP6
Waterproof



Long
Battery Life

Image: Overview of QZTELECTRONIC Bone Conduction Glasses features.

SETUP

1. Included Components

Upon unboxing, ensure all components are present:

- QZTELECTRONIC Bone Conduction Glasses
- USB Charging Cable
- User Manual
- Lenses Templates (for prescription lens replacement)
- Earplugs (for enhanced audio experience in noisy environments)

Packing List



Notes: The Spare lens templates are provided for your reference of len size , when plan to replace original lens to prescription ones

Image: Packaging contents of the QZTELECTRONIC Bone Conduction Glasses.

2. Charging the Glasses

Before first use, fully charge your glasses. The 250mAh battery charges completely in approximately 2 hours using a 5V 1A charger (not included). A full charge provides up to 4 hours of audio playback or 3 hours of talk time, with a standby time of 10 days.



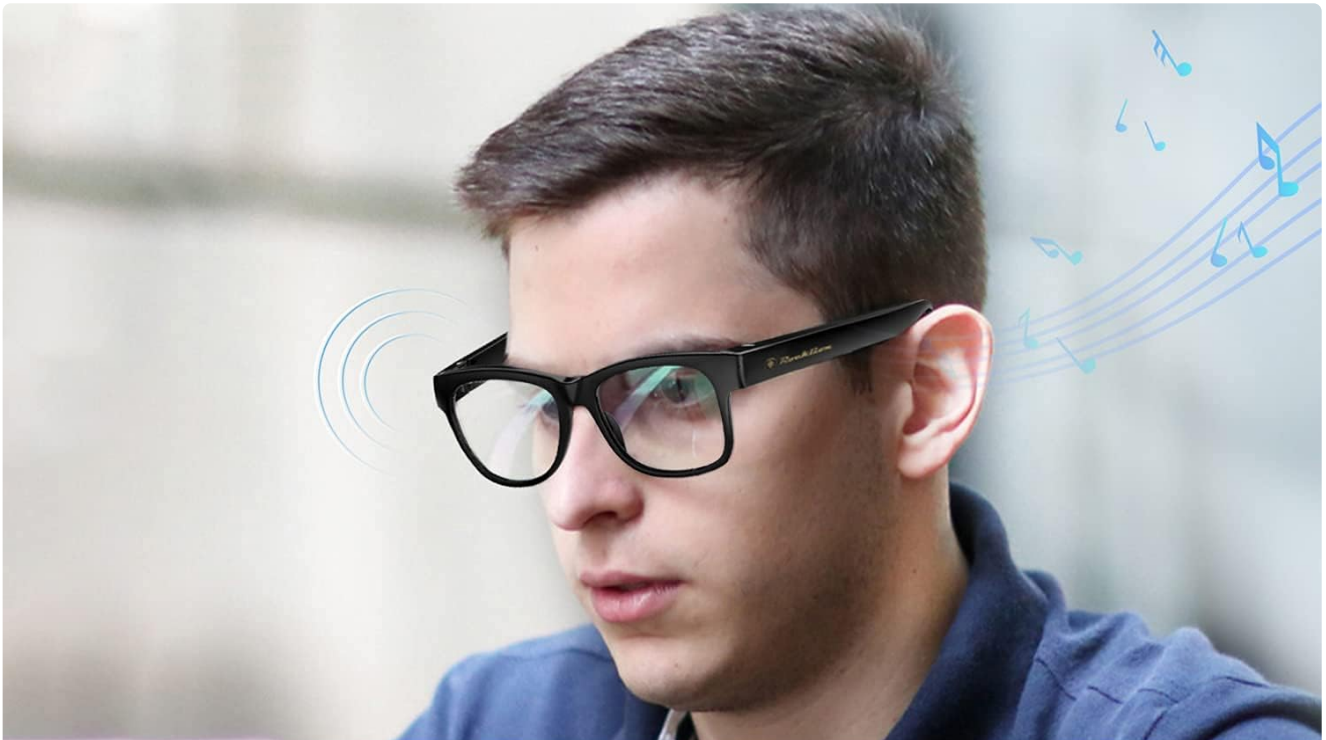
Image: Battery life and charging details.

To charge, connect the provided USB charging cable to the charging port located on the frame (refer to the 'Basic Controls' section for port location).

3. Bluetooth Pairing

The glasses utilize Bluetooth 4.2 for connection. They support dual pairing, allowing simultaneous connection to two Bluetooth devices (e.g., phone and laptop). The wireless range is up to 10 meters.

1. Ensure the glasses are charged and powered on.
2. Activate Bluetooth on your smartphone or other compatible device (iOS/Android).
3. Search for available devices and select "Rocklion" (or similar device name) to pair.
4. A confirmation sound or indicator will signify a successful connection.



Advanced 4.2 Bluetooth Provides Instant Pairing and Stable Transmission Supports Simultaneous Connection with 2 Bluetooth Devices



Image: Bluetooth dual pairing functionality.

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Video: Demonstrates connecting the Bone Conduction Glasses to a smartphone via Bluetooth.

OPERATING INSTRUCTIONS

1. Basic Controls

The glasses feature tactile buttons on the frame for easy control of various functions:

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Use the dedicated volume buttons.
- **Music Playback:** Single press for play/pause. Double press to skip tracks.
- **Call Management:** Answer/end calls directly from the frame.
- **Voice Assistant:** Activate your device's voice assistant (e.g., Siri, Google Assistant) through the glasses.

Versatile Smart Sunglasses



4.2 Bluetooth



Hand-free Call



Stereo Music



32g



4-5H Working Time

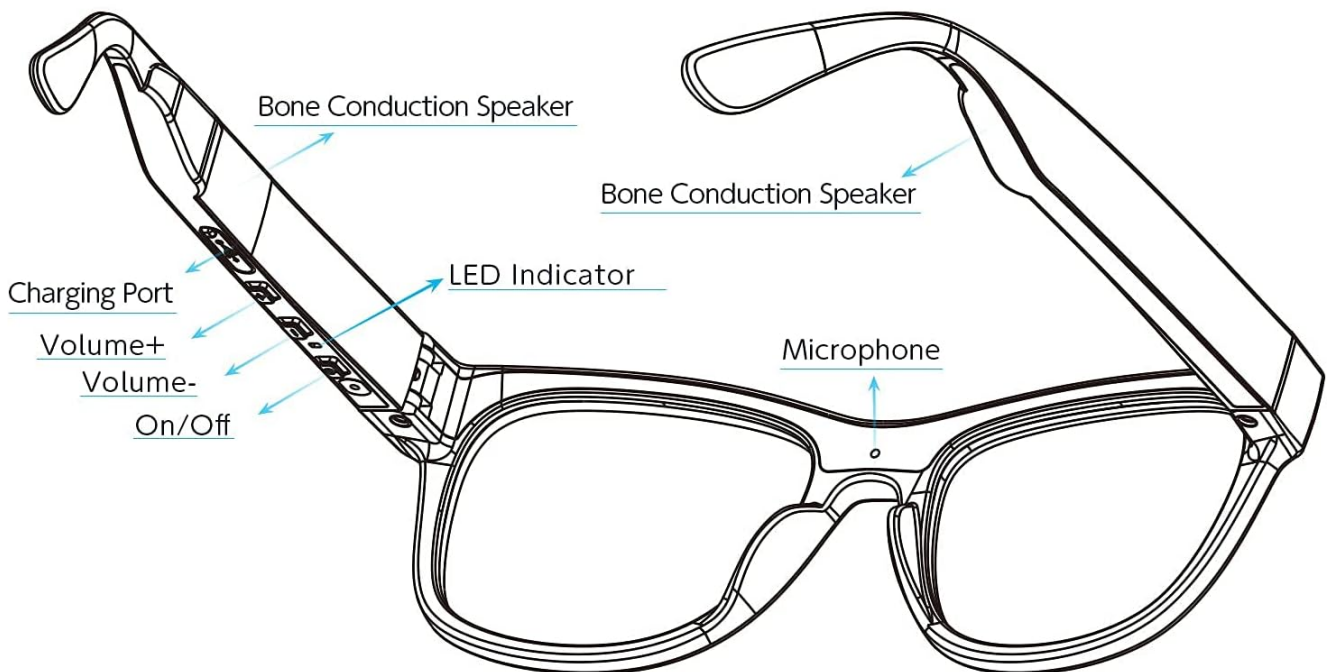
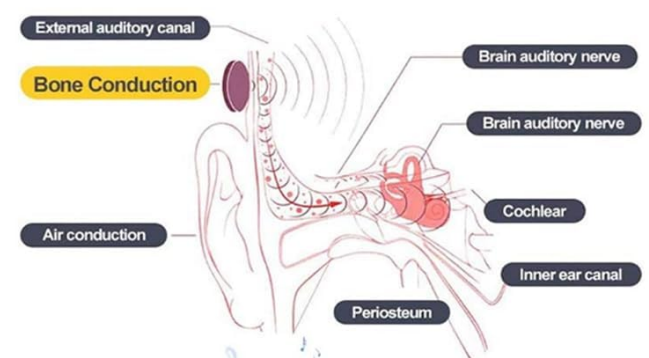


Image: Detailed view of the glasses' controls and components.

2. Bone Conduction Technology


These glasses utilize open-ear bone conduction technology, which transmits sound vibrations directly to your inner ear through your skull bones, bypassing the eardrums. This allows you to hear audio while remaining aware of your surroundings. For an optimal listening experience, a volume level of 50%-60% is recommended. Note: Sound leakage is normal at volumes above 70%.



Bone Conduction Headphones

Decodes Sound Waves and Converts Them into Vibrations Received Directly by The Cochlea, Bypassing the Eardrums
 For Best Listening Experience, 50%-60% Volume is Recommended to Use

Image: Explanation of bone conduction audio transmission.



Bone Conduction Technology

Bone conduction headphones decodes sound waves and convert them into vibrations that can be received directly by the Cochlea, and bypasses the eardrums. It keeps your ears open and allows you to be aware of your surroundings.

HOW TO DISTINGUISH TRUE OR FALSE BONE CONDUCTION HEADPHONES

1. Connect the glasses with bluetooth devices, play music and wear the glasses accordingly.
2. Use the earplugs provided in box or use your fingers to cover your ears, if you can still hear the sound from speaker clearly or more immersively, then this is ture bone conduction; however, if you can not clearly or even can't hear the sound, this is not bone conduction.
3. When your ears uncovered, sound from bone condcuton headphone become less loud because other noise transferring by air to your ears, which hinders the bone conduction especially in In a noisy environment

Image: Further details on bone conduction and testing its functionality.

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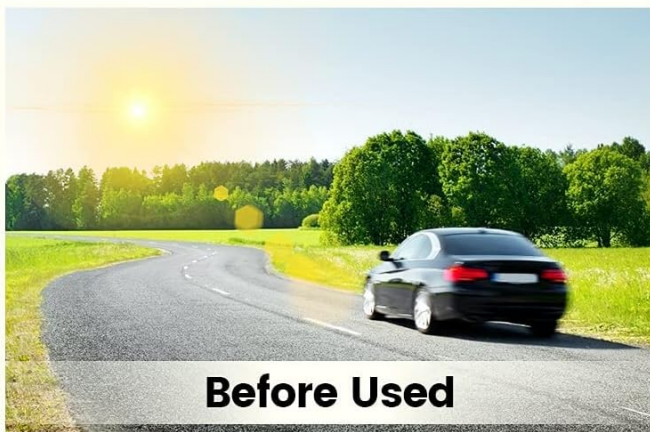
Video: Demonstrates the bone conduction audio feature of the smart glasses.

3. Photochromic & Anti-Blue Light Lenses

The lenses are photochromic, meaning their tint automatically adjusts based on the intensity of sunlight and UV exposure outdoors (UV420 protection). Indoors, the lenses remain clear. They also incorporate anti-blue light technology to block harmful blue light emitted from digital screens, enhancing eye protection in various environments.

Smart Auto Discoloration

- ✔ Photochromic Lenses
- ✔ UV420 Eyes Protection
- ✔ Anti Blu-ray



Before Used



After Used

Notes: To cover left lens and expose the right lens under sunlight; after a while, you will see the transition of the lens.

Image: Smart auto discoloration of photochromic lenses.

Magical Photochromic Lenses



Image: Visual representation of the photochromic lens transition.

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Video: Showcases the transition and blue light filter features of the Bluetooth glasses.

4. Hands-Free Communication

These smart glasses enable hands-free calling and listening to podcasts, eliminating the need to handle your phone during activities like driving or jogging. The integrated microphone ensures clear communication. For optimal listening, maintain Bluetooth device volume at 50%-60%; higher levels may cause sound leakage or echo during calls.



Image: Versatile usage scenarios for the smart glasses.

5. App Features (AI Translation & More)

The companion app for the W100 model offers various intelligent tools:

- **AI Dialogue Mode:** Engage in conversations with an AI assistant.
- **Translation Machine Mode:** Real-time translation for spoken conversations.
- **Glasses+Phone Mode:** Facilitates communication where one person uses the glasses and another uses the phone for translation.
- **Voice Note Mode:** Record and transcribe voice notes.
- **Photo Translation:** Translate text from images.
- **Audio and Video Translation Mode:** Translate audio and video content.
- **Simultaneous Interpretation:** Provides real-time interpretation.
- **Sleep/Relaxation Music:** Access various calming sounds and music for relaxation.

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Video: Demonstrates the AI translation and various smart features of the W100SUN smart glasses.

MAINTENANCE

1. IP6 Waterproof Rating

The glasses have an IP6 waterproof rating, meaning they are protected against powerful water jets. This makes them suitable for use in rain or during activities that cause sweating, ensuring durability and easy maintenance. Avoid submerging the glasses in water.

IP6 Waterproof Rating



Protect Your Glasses from Raining or Sweating, and Ensure Easy Maintenance



Image: IP6 Waterproof rating demonstration.

2. Cleaning

To clean the lenses and frame, use a soft, lint-free cloth. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the glasses. Avoid abrasive materials or harsh chemicals that could damage the lenses or frame.

TROUBLESHOOTING

1. Sound Leakage

Due to the open-ear bone conduction design, some sound leakage is normal, especially at volumes above 70%. To minimize sound leakage and enhance your listening experience in noisy environments, use the provided earplugs.

2. Connectivity Issues

- Ensure Bluetooth is enabled on your device and the glasses are powered on and charged.

- Verify the glasses are within the 10-meter wireless range of your device.
- If connection fails, try unpairing and re-pairing the glasses with your device.
- Restart both the glasses and your device.

3. Audio Quality Concerns

- Ensure the volume on both the glasses and your connected device is set appropriately (50%-60% for optimal experience).
- Check for any obstructions between the bone conduction speakers and your temples.
- In very noisy environments, using the provided earplugs can significantly improve perceived audio quality.

SPECIFICATIONS

Feature	Detail
Brand	QZTELECTRONIC
Model Number	Glasses-01
Connectivity Technology	USB (for charging)
Bluetooth Version	4.2 (with Dual Pairing)
Wireless Range	10 meters
Battery Capacity	250mAh
Charging Time	2 hours (with 5V 1A charger)
Playback Time	Up to 4 hours
Talk Time	Up to 3 hours
Standby Time	10 days
Water Resistance	IP6 Waterproof
Lens Type	Photochromic, Anti-Blue Light (UV420 Protection)
Ear Placement	Open Ear (Bone Conduction)
Item Weight	0.21 Kilograms (7.4 ounces)
Product Dimensions	5.71 x 5.71 x 2.05 inches
Noise Control	Active Noise Cancellation
Compatible OS	iOS, Android

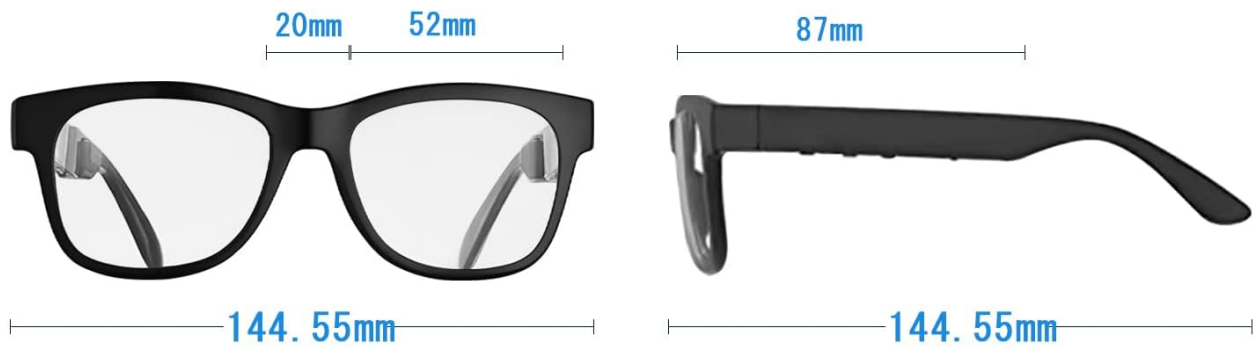


Image: Product dimensions and usage examples.



Image: Lightweight design detail.

WARRANTY AND SUPPORT

For warranty information, technical support, or customer service inquiries, please refer to the contact details provided with your product packaging or visit the official QZTELECTRONIC website. Keep your purchase receipt for warranty claims.