

ROADWAVE V102

User Guide

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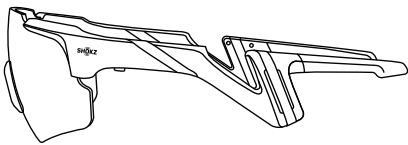
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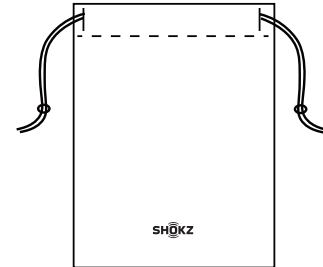
What's in the Box



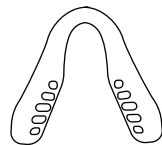
Shokz RoadWave



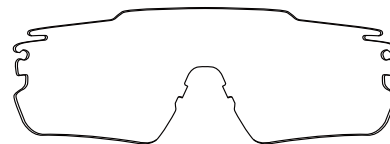
Hard shell
sunglasses case



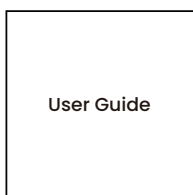
Soft pouch



Additional silicone
nose pads of different size



Transparent lenses



User guide



Legal Statement



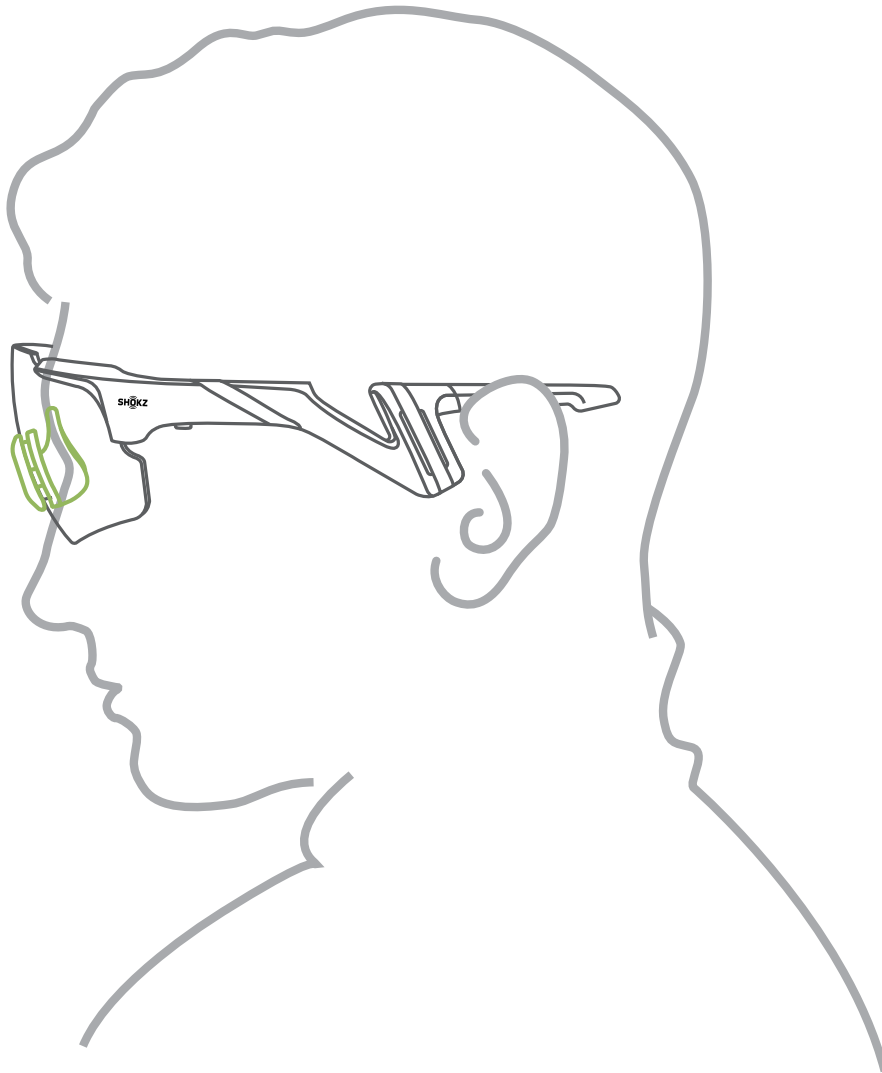
Magnetic
Charging Cable

If any part of your product is damaged or missing, do not use it. Contact authorized Shokz dealer or Shokz customer service.

*Please note that the packaging envelope may vary depending on the sales region.

How to Wear

Check your fit

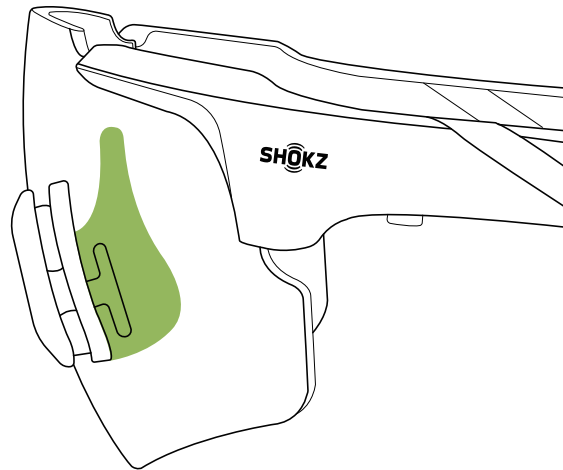


Put on the glasses. Move your head up and down to check whether you're using the best nose pad size.

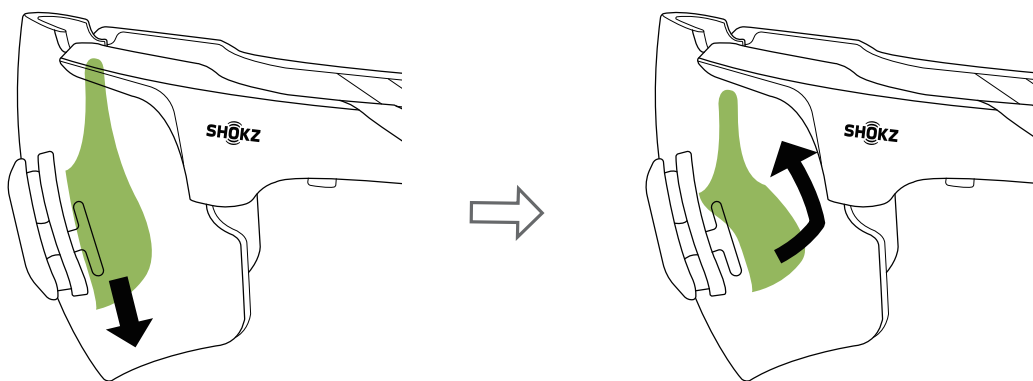
If the lens sits too low on your face or too close to your face, try the thicker nose pad provided in the box.

When riding a bike, wear the glasses over your helmet strap.

Change the nose pad

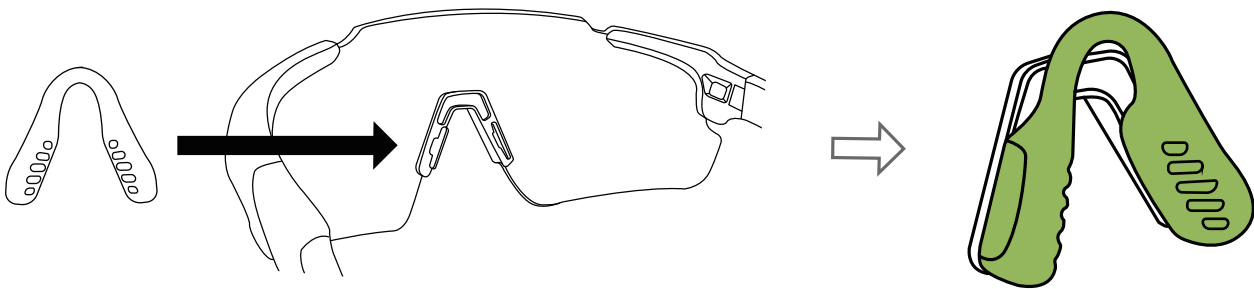


1. Distinguish the rubber part of the nose pad from the hard part, and only remove the rubber part. If you want to remove the entire nose pad, refer to page 26: How to switch lenses.

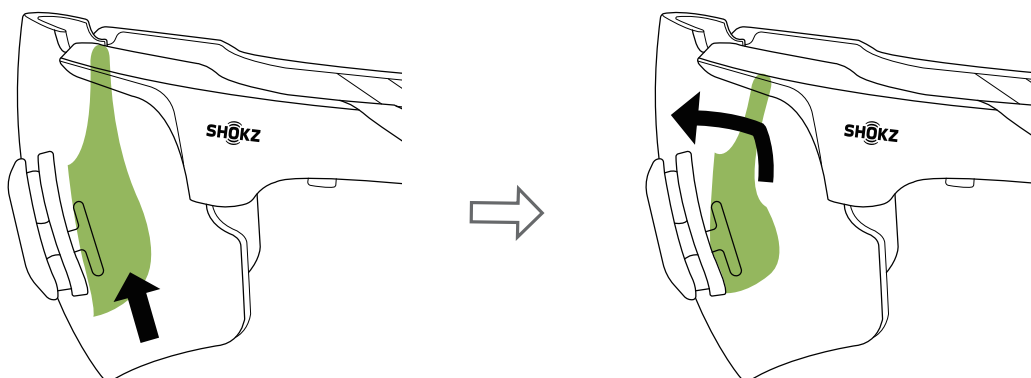


2. Firmly hold the bottom of the rubber nose pad, pull it down and away from the glasses first, then push it up until it is completely separated from the glasses.

Change the nose pad



3. Align the bottom of the replacement nose pad hole with the bottom of the nose pad arm. Notice that the striped side of the nose pad should be facing inward.

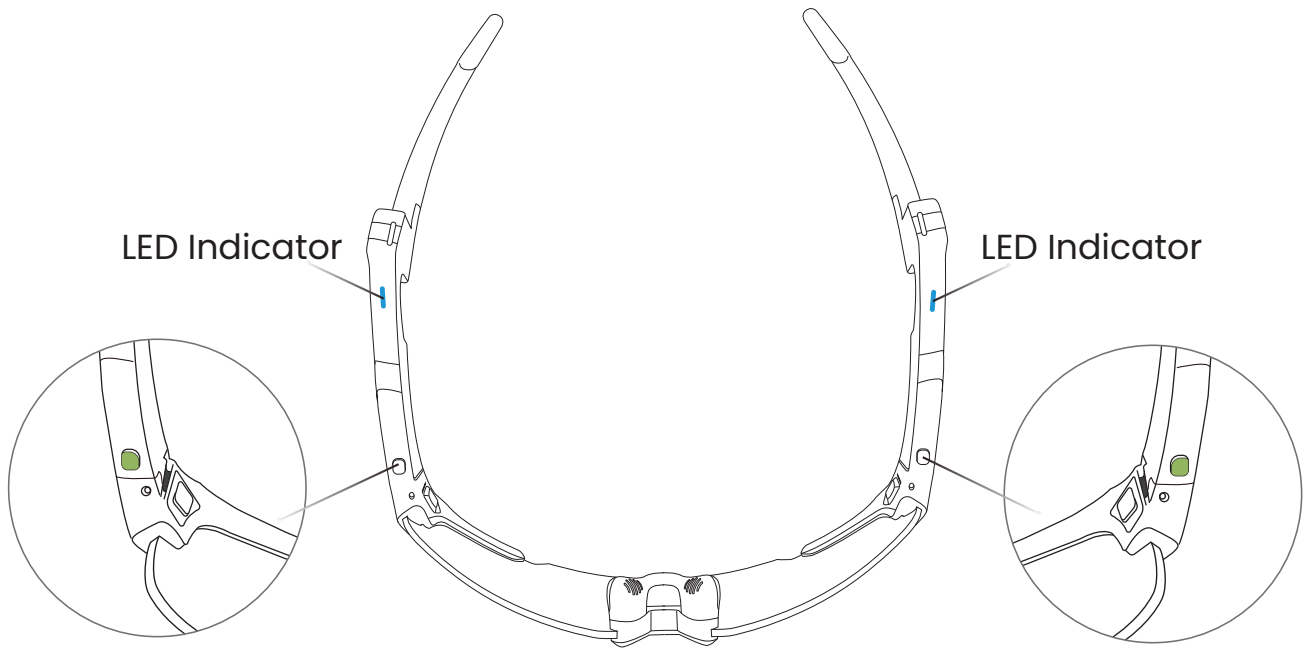


4. Push the nose pad up and then in towards the glasses until you feel it click into place.

5. Check your fit again.

On/Off


Power on



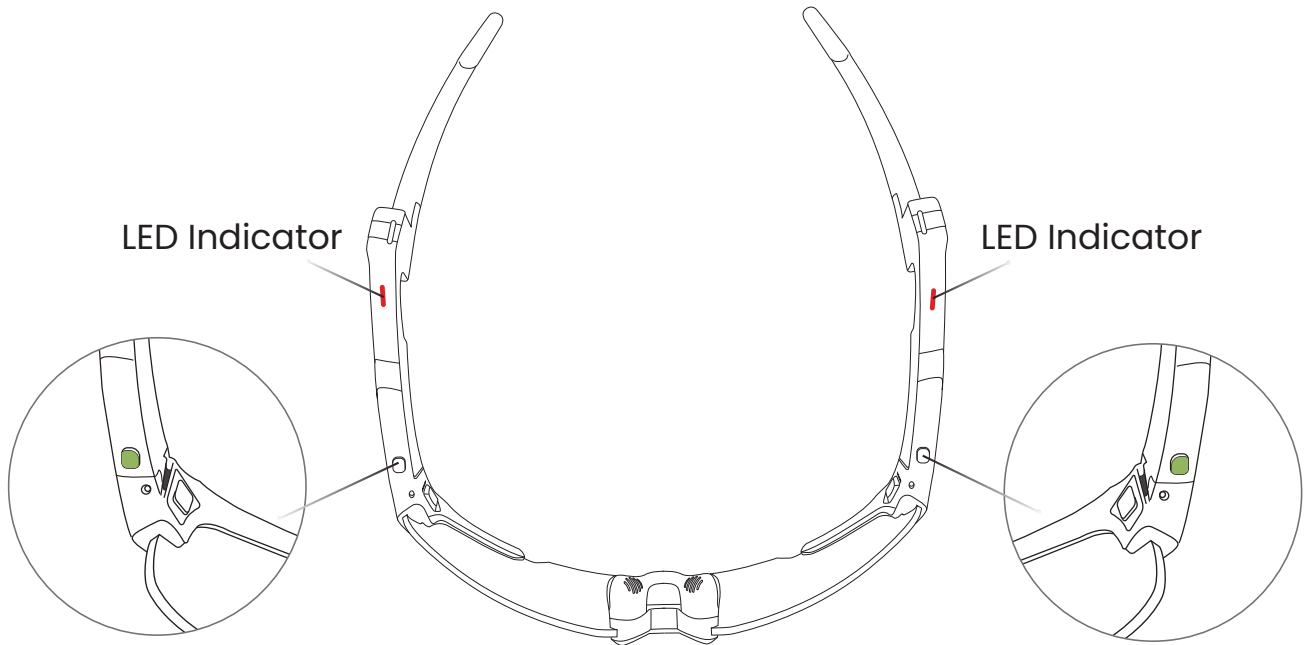
Power on :

Press and hold the volume button and the multifunction button at the same time until the LED indicator flashes blue.

*Audrey will say : "Welcome to Shokz."

*When the RoadWave is powered on for the first time, it directly enters the pairing mode, and the LED Indicator flashes red and blue alternately. 

Power off



Power off :

Press and hold the volume button and the multifunction button at the same time until the LED indicator flashes red.

*Audrey will say : "Power off."

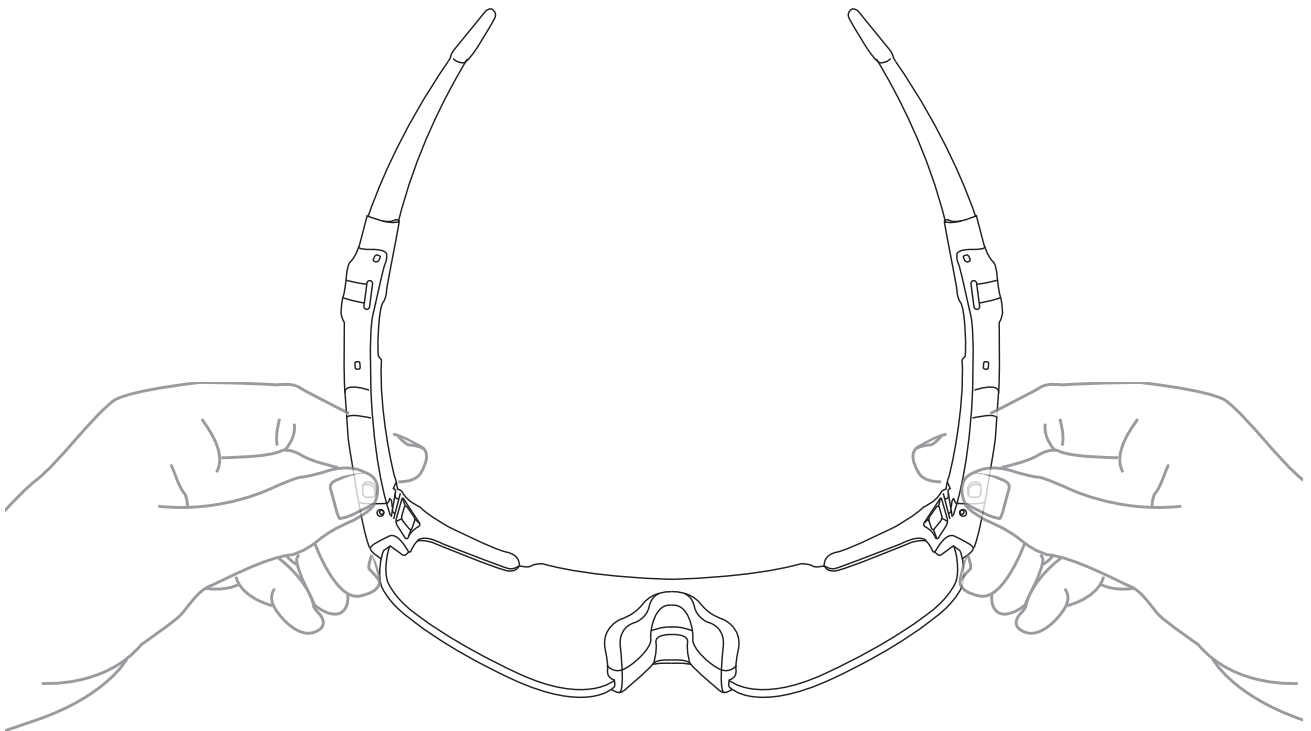
Auto-off :

If the RoadWave is not connected to any device for 5 minutes, it will turn off automatically.

*Audrey will say : "Power off."

Bluetooth Connections

Connect a mobile device



1. Start with Shokz RoadWave turned off.
2. Press and hold the volume button and the multifunction button at the same time until the LED indicator flashes, will be red and blue alternately. The RoadWave is in the pairing mode.
3. Open your device's Bluetooth settings and select " RoadWave by Shokz ".

*You will hear a tone when the connection has been established.

Reconnect a mobile device



Reconnect a mobile device

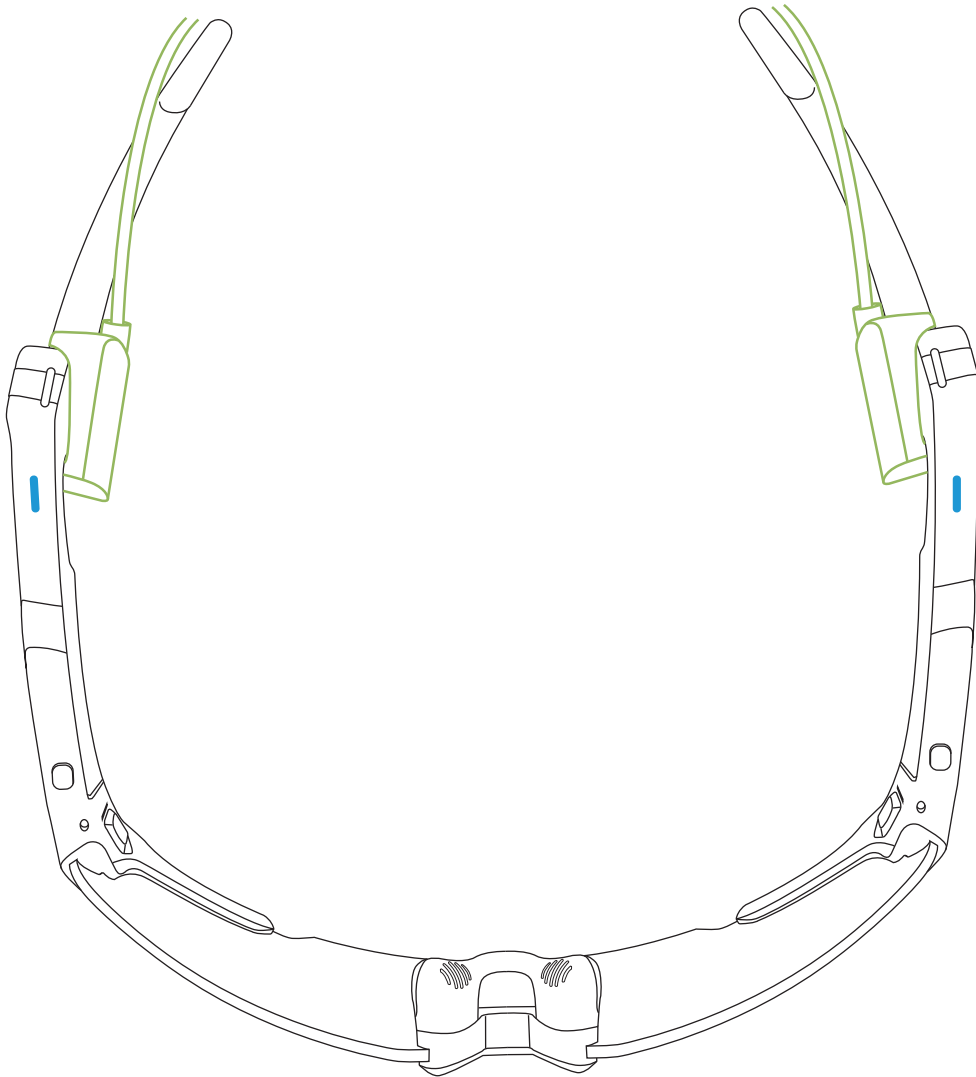
- When powered on, the glasses try to connect with the most recently connected device. The device must be within the connectable range and powered on.

*You will hear a tone when the connection has been established.

- When the glasses and the device are disconnected due to falling out of range, if you return to the connectable range within 2 minutes, the glasses will be automatically connected to the device.

*You will hear a tone when the connection has been established.

Clear the device list

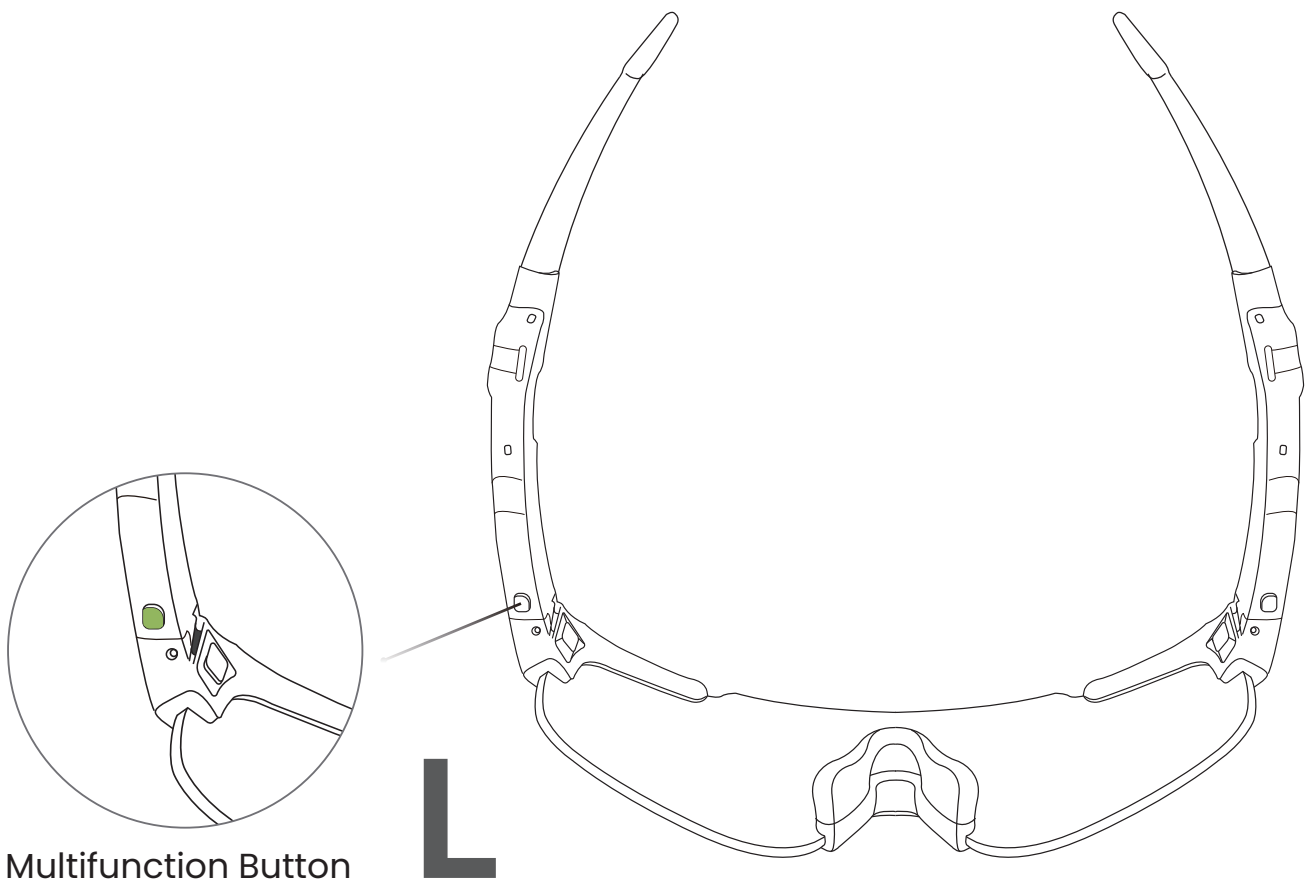


Clear the device list

- You can store up to eight devices in the glasses' device list. You can connect and play audio from only one device at a time.
- If you need to clear the device list, while RoadWave is in charging state, press and hold the volume button and the multifunction button at the same time until the LED indicator flashes twice, will be blue.

Controls

Media playback



Play/pause music ●

Click once

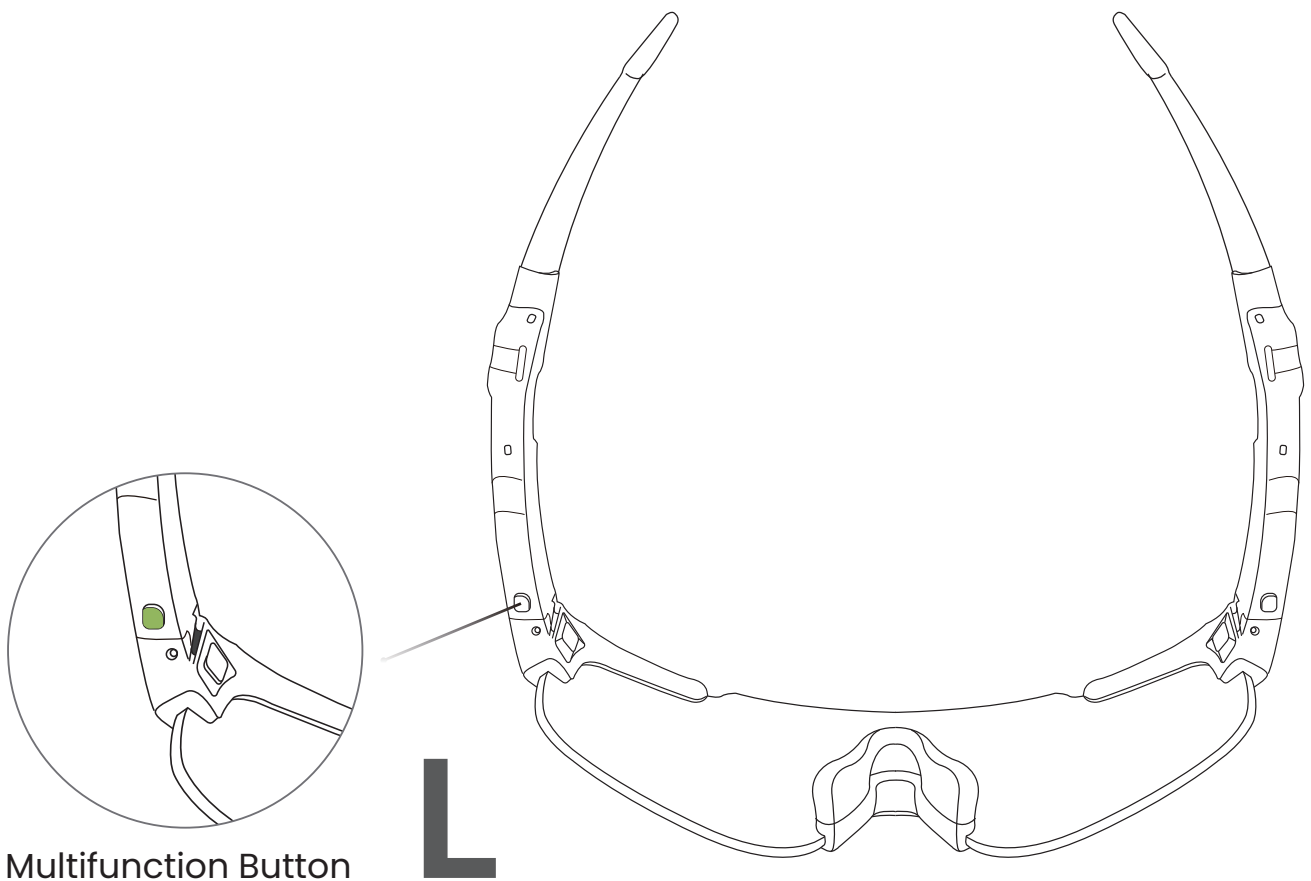
Previous song ●●●

Triple-click while music is playing

Next song ●●

Double-click while music is playing

Call functions



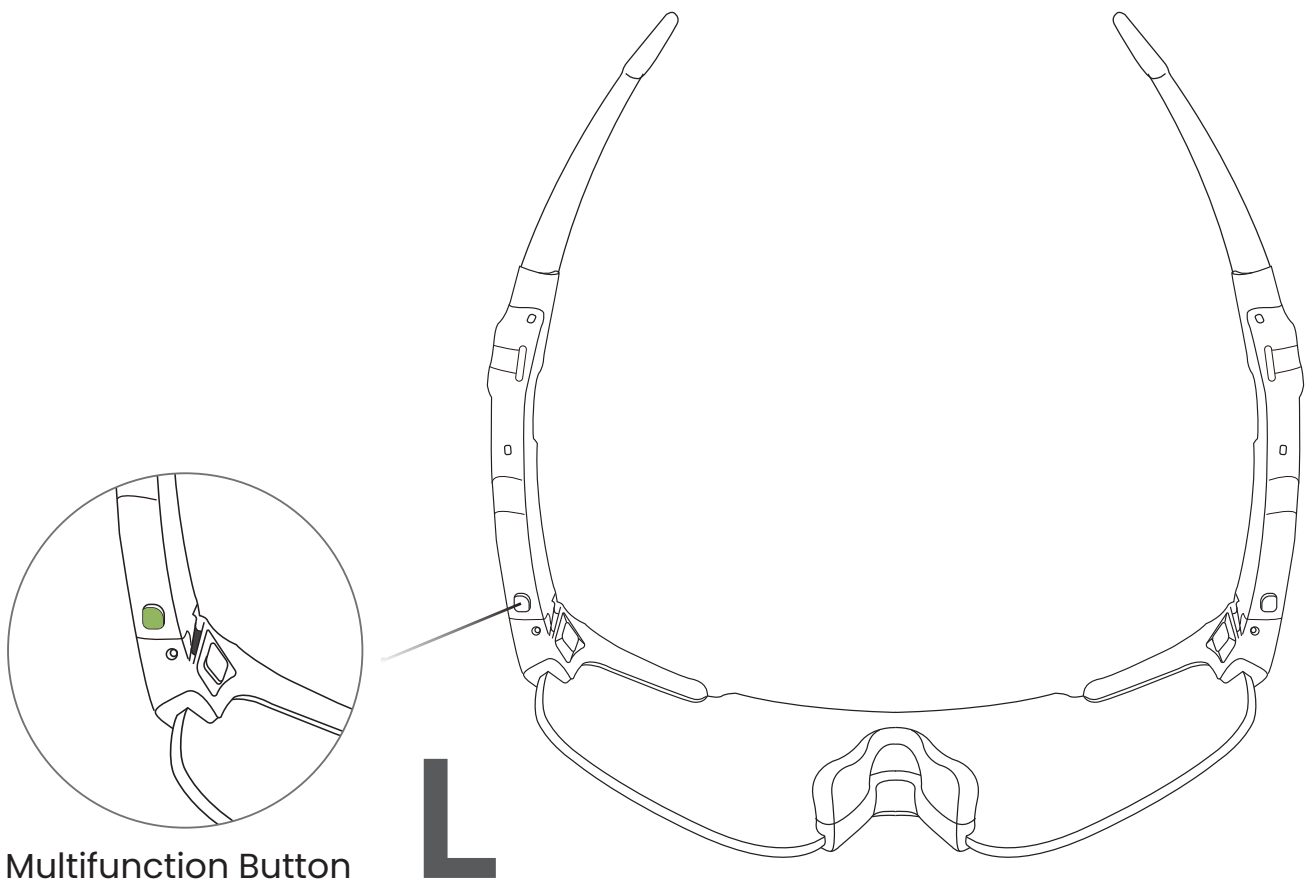
Answer/End a Call ●

Click once

Reject a call ■

Press and hold for 2 seconds

Voice assistant



Multifunction Button

Prompt device's voice assistant

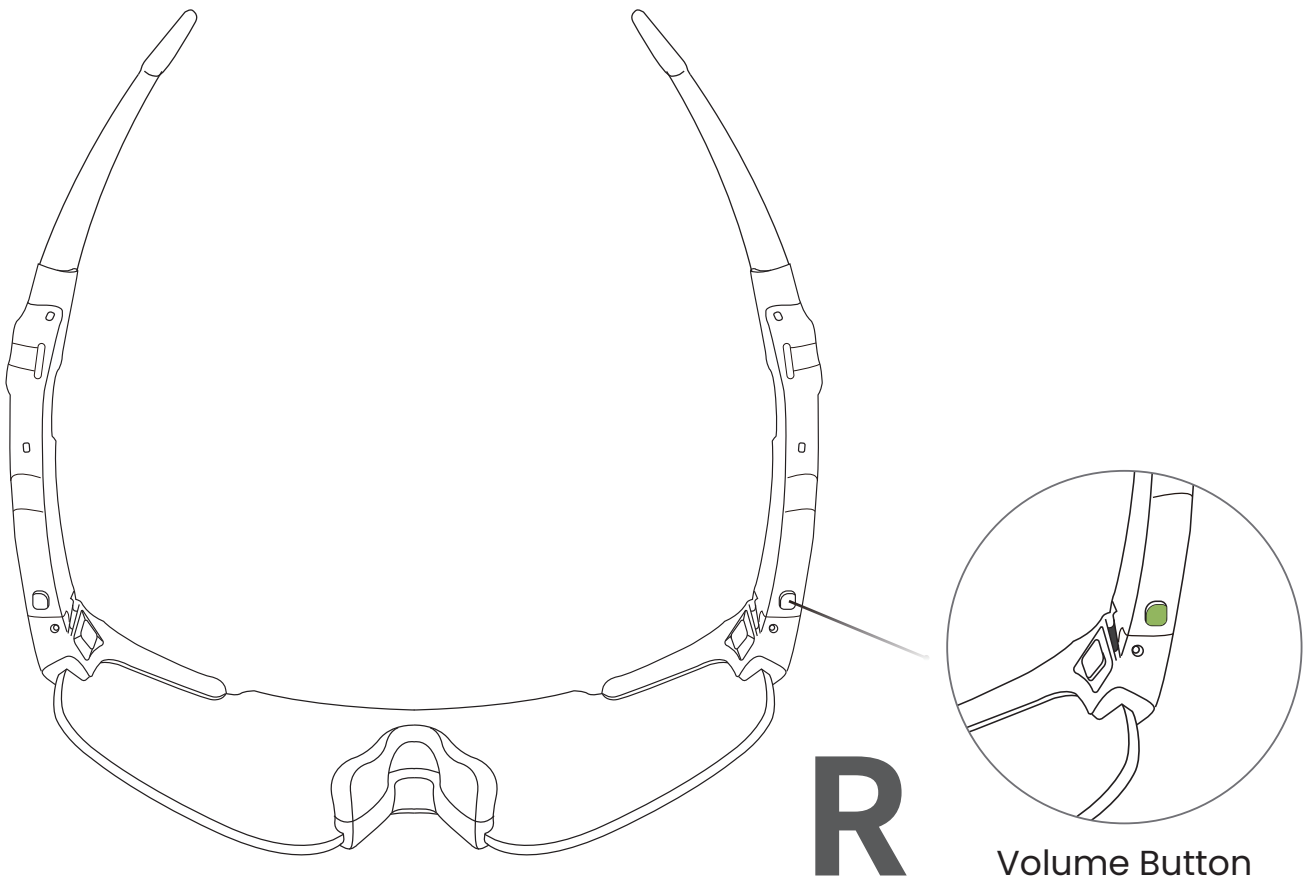


Press and hold for 2 seconds

Volume Button



Operate volume controls
while audio is playing.



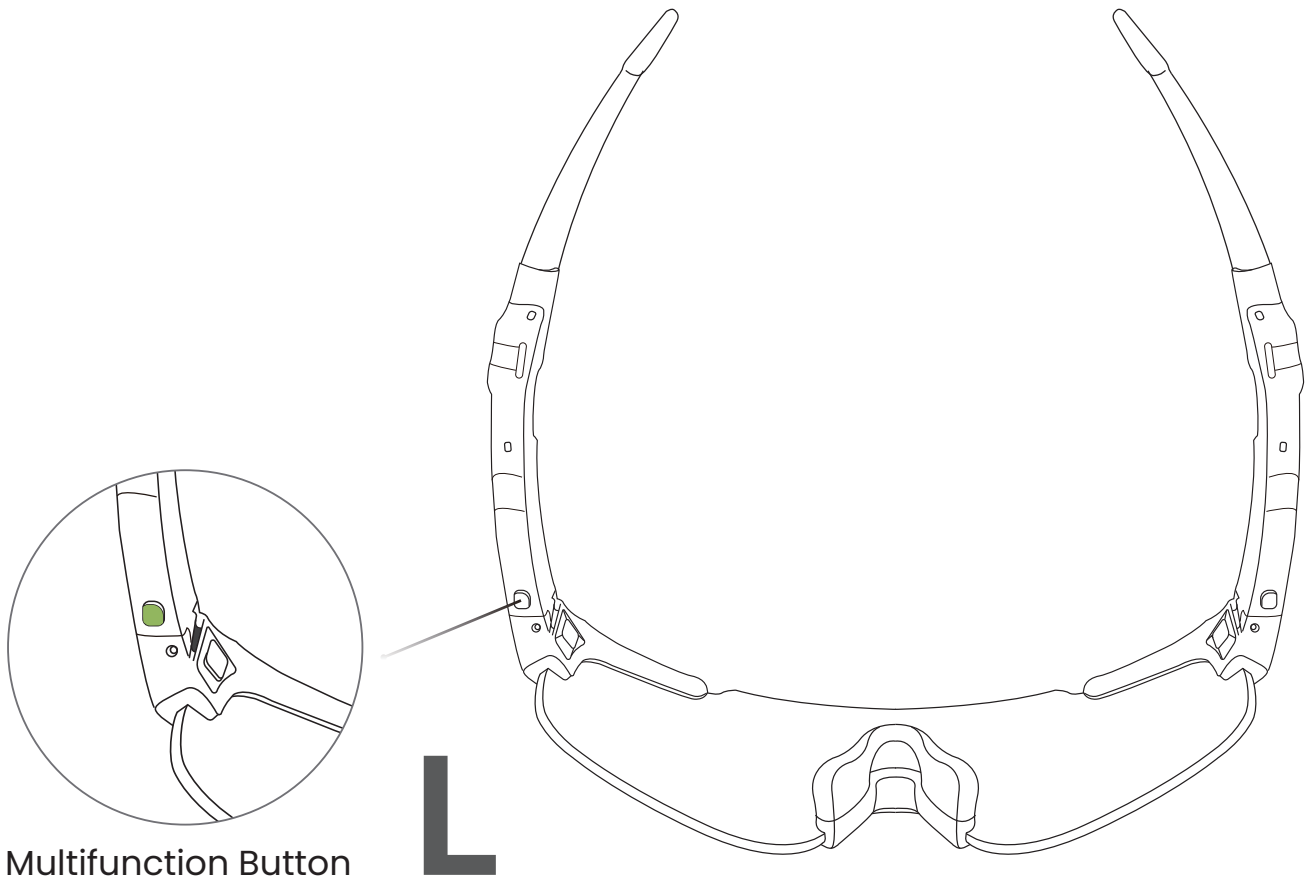
Increase Volume ●

Click once

Decrease Volume ▬

Press and hold the Button

Switch languages



Multifunction Button

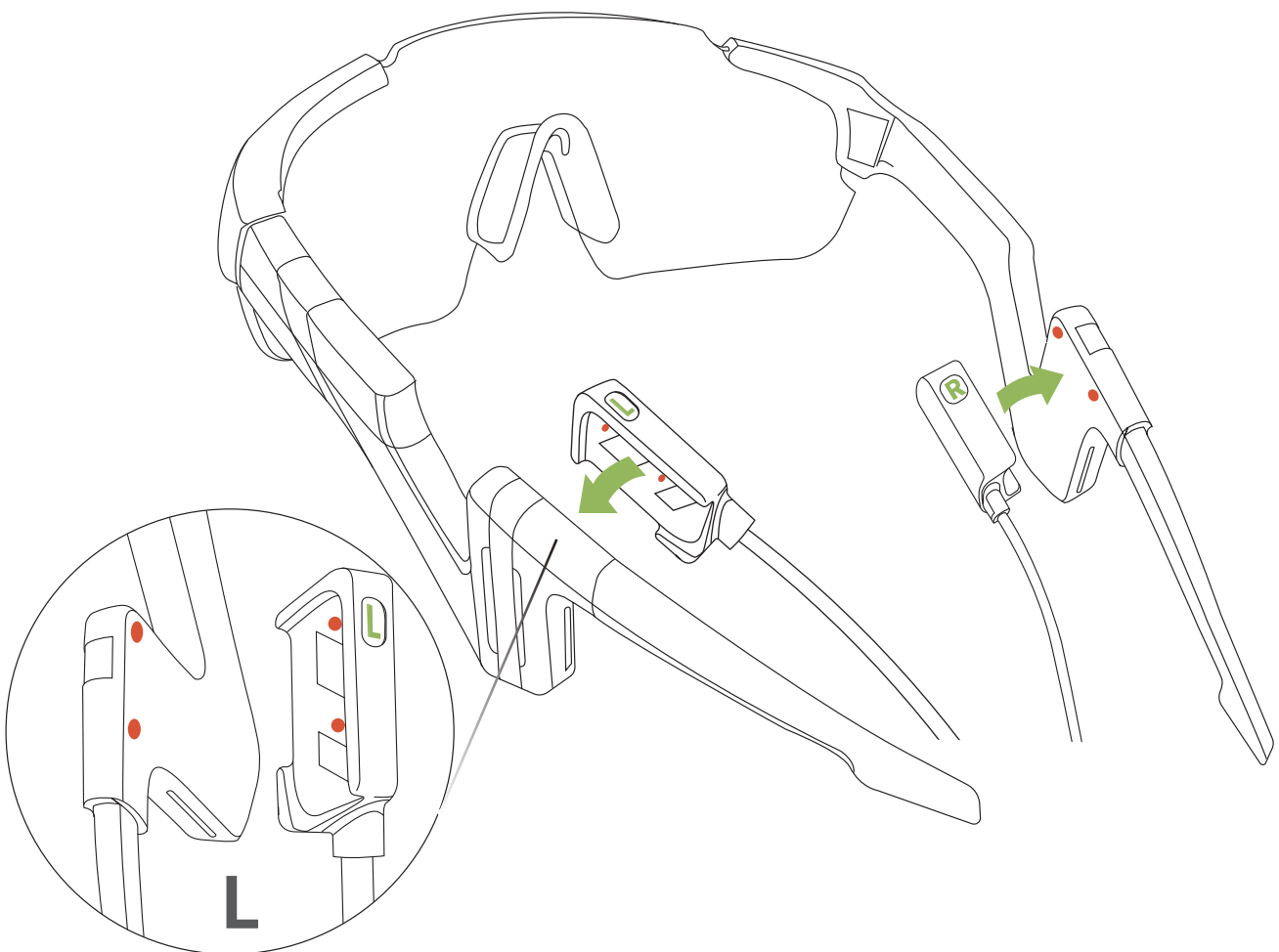
1. Start with your RoadWave powered off.
2. Press and hold the volume button and the multifunction button at the same time to enter the Bluetooth pairing state (LED indicator flashes red and blue alternately).
3. Double-click the multifunction button, the switching is completed when you hear the corresponding language.

* Your glasses have two built-in languages: English, Chinese.

Battery

Charge the glasses

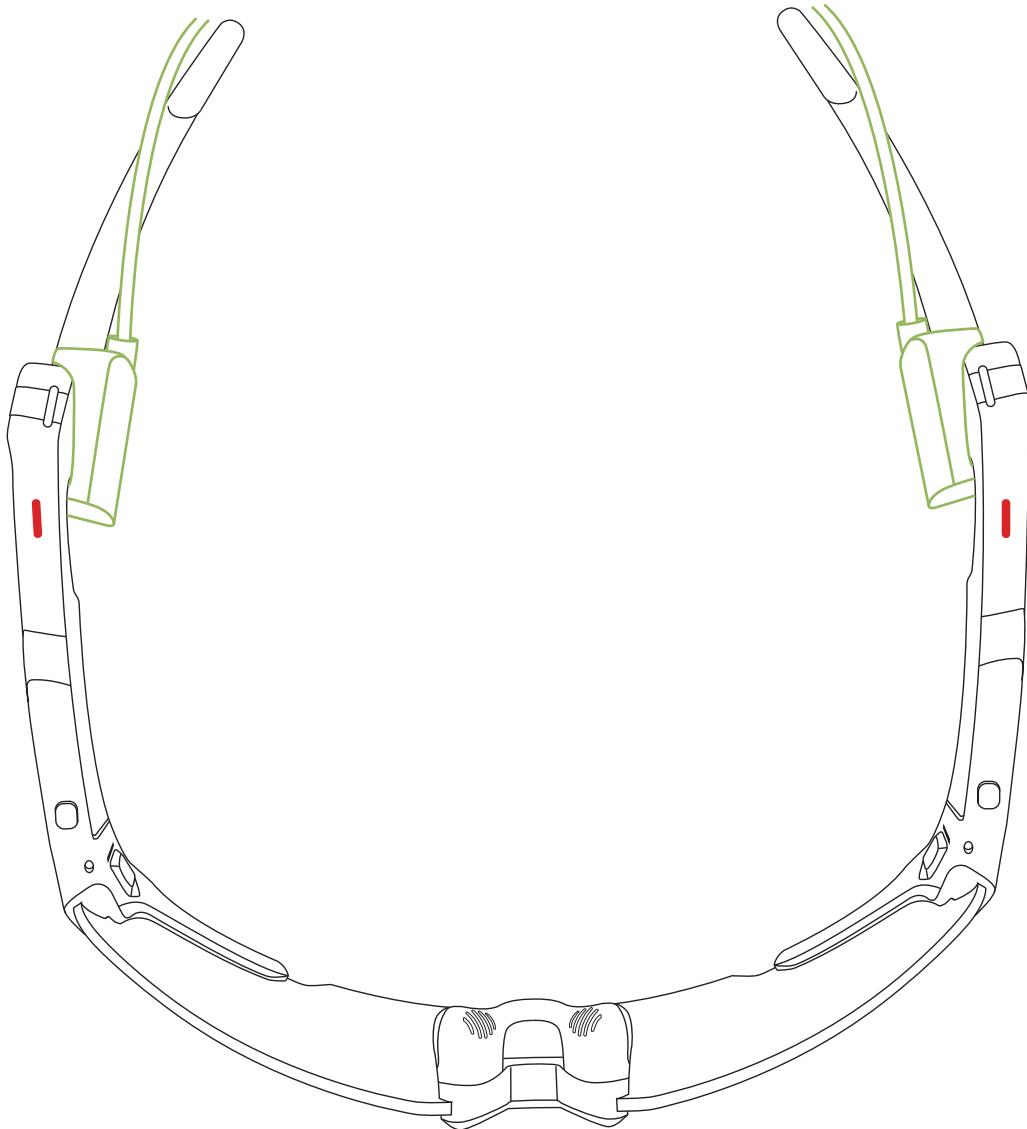
*Keep the charging ports dry before connecting to the charger. If the charging ports are wet, please wipe them with a soft dry cloth.



1. Attach charging cable's magnetic connectors to the charging ports on each temples, and connect the charging cable to a USB port.

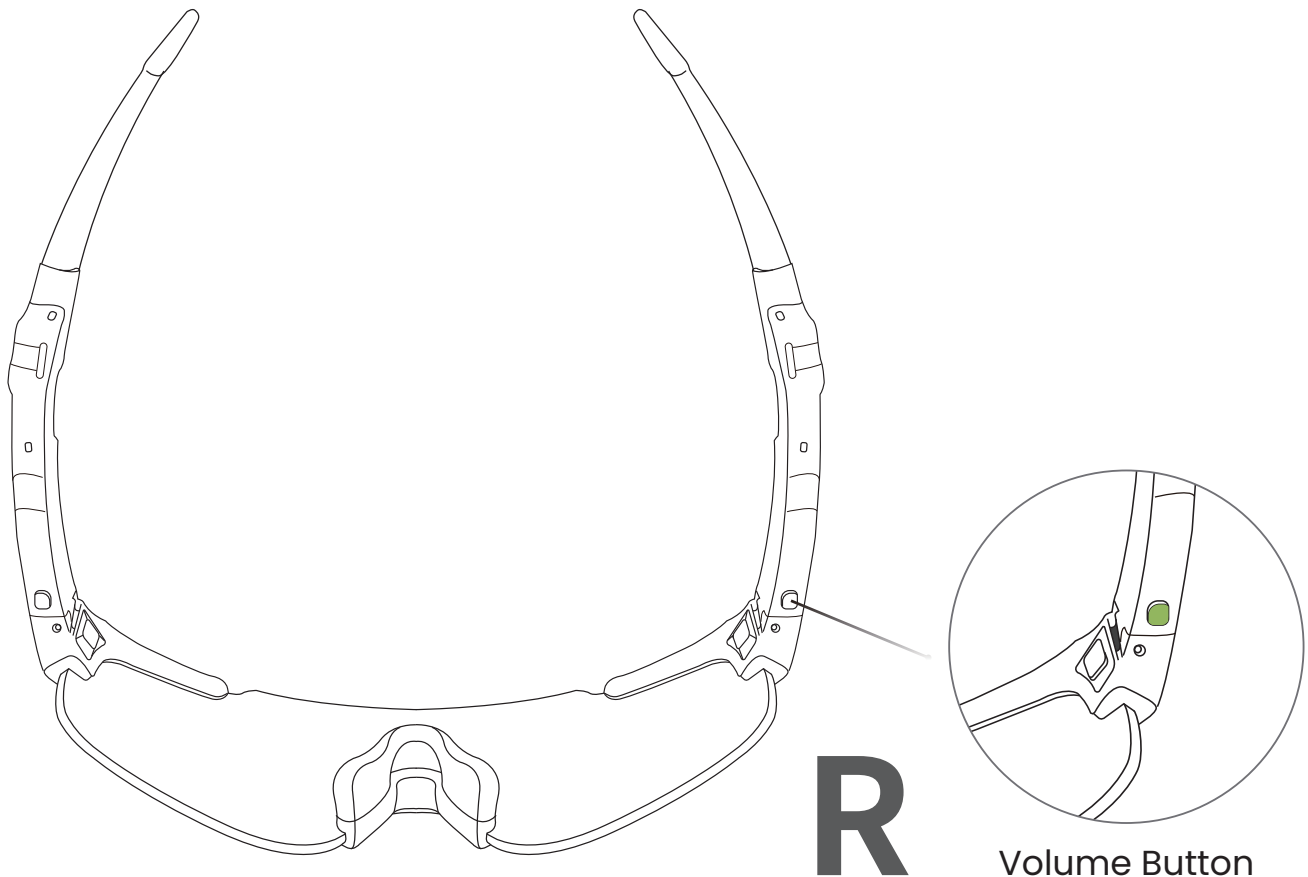
*The two sides of the charging cable are different. Attach the side marked with "L" to the left temple, and the side marked with "R" to the right temple.

Charge the glasses



2. The LED indicator will turn red during the charging process and the glasses will automatically turn off.
3. The LED indicator will turn from red to blue when charging is complete.

Check Battery Status

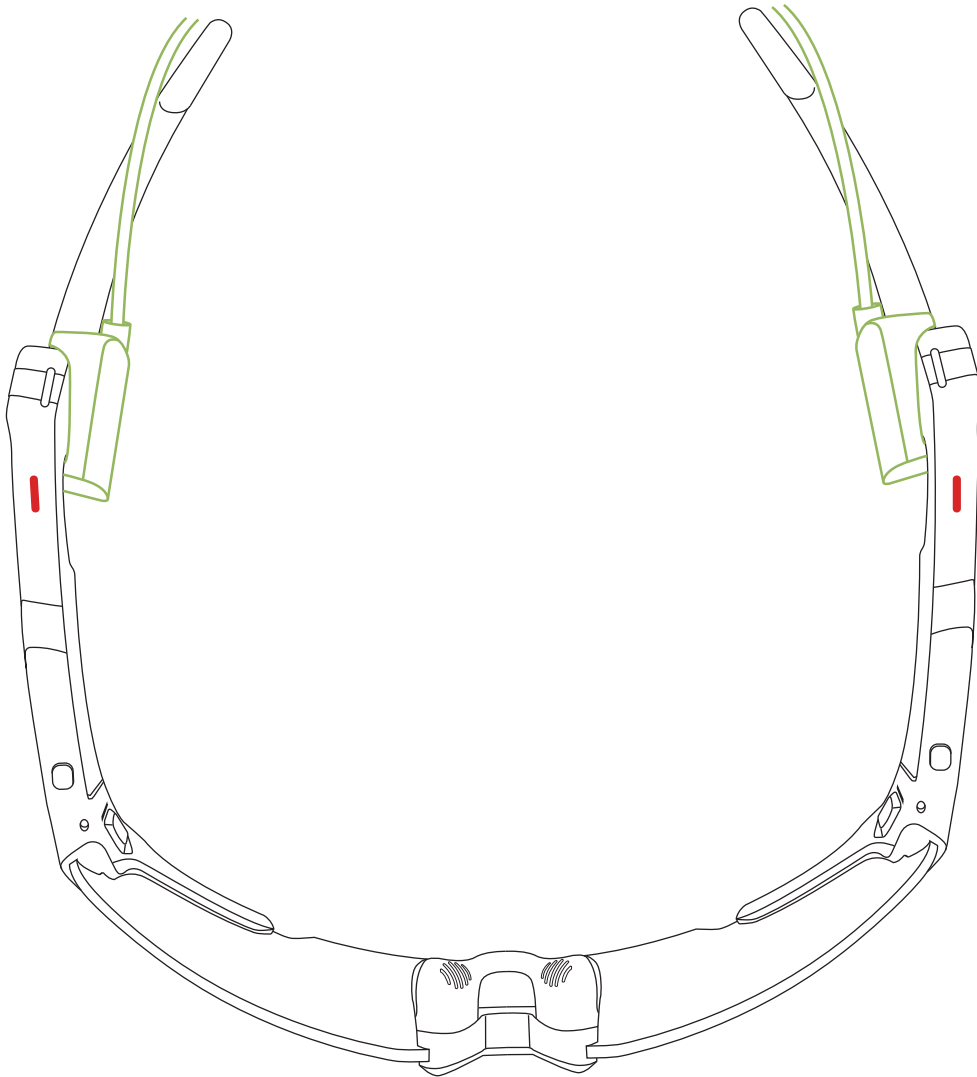


How to check battery status :

Click the volume button once while music is not playing, Audrey will tell the battery status if it's powered on:

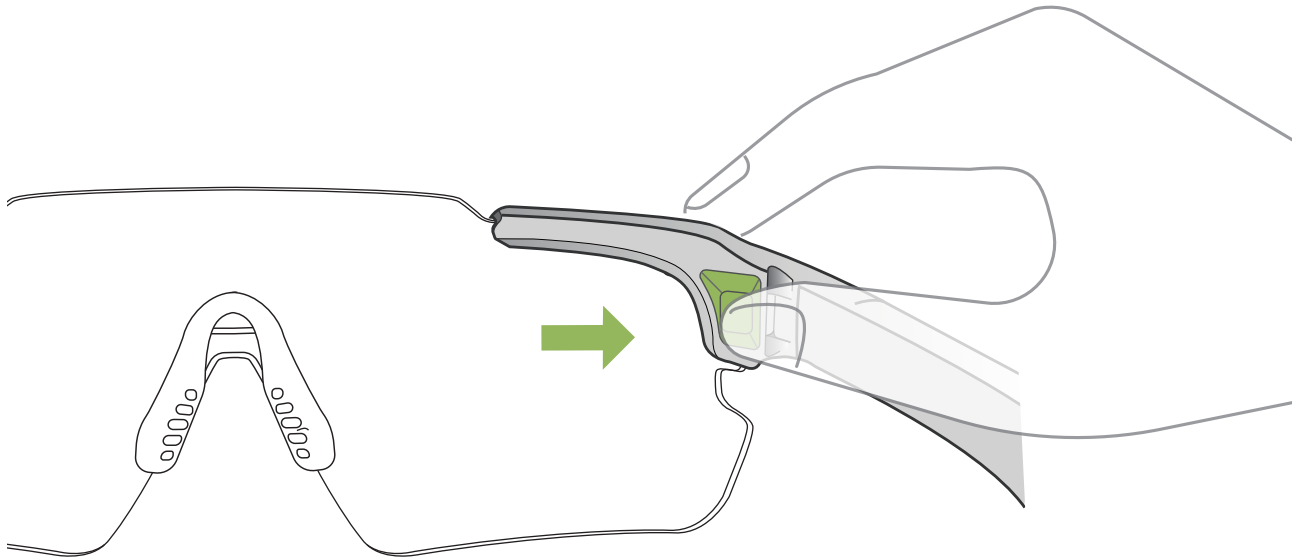
* "Battery high/Battery medium/Battery low/Charge me"

Low battery notifications

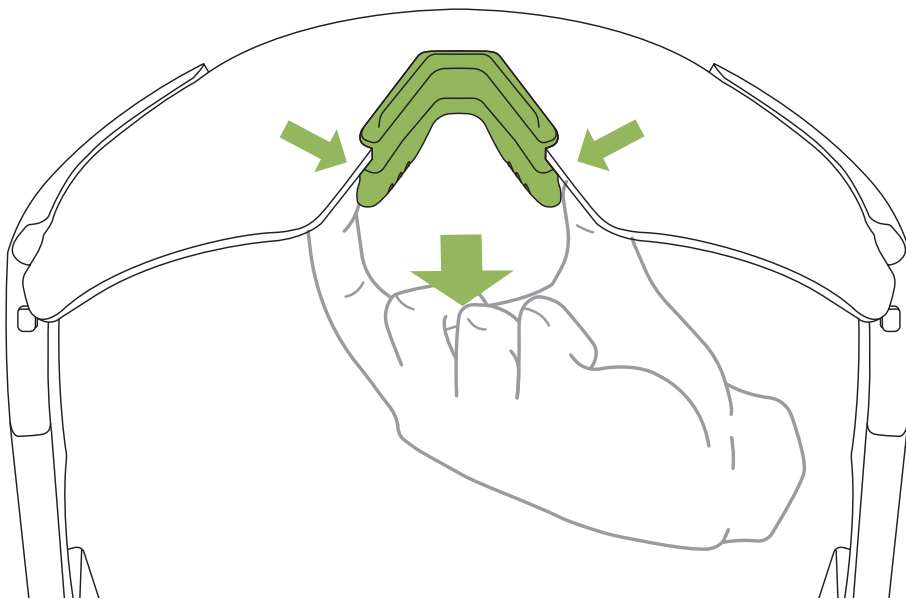


When the glasses are at low battery (less than 5%), there will be a “charge me” voice prompt and the red light will flash intermittently. Use the provided magnetic charging cable for charging.

How to Switch Lenses

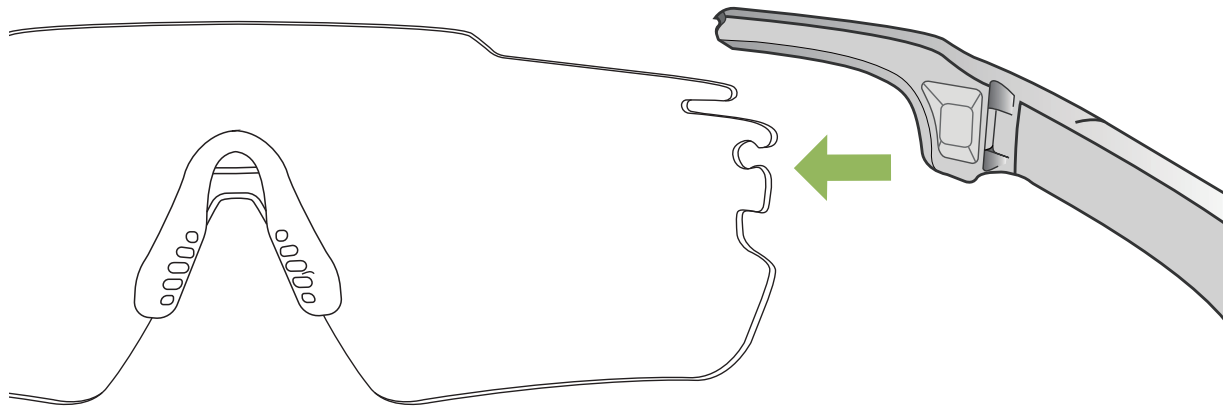
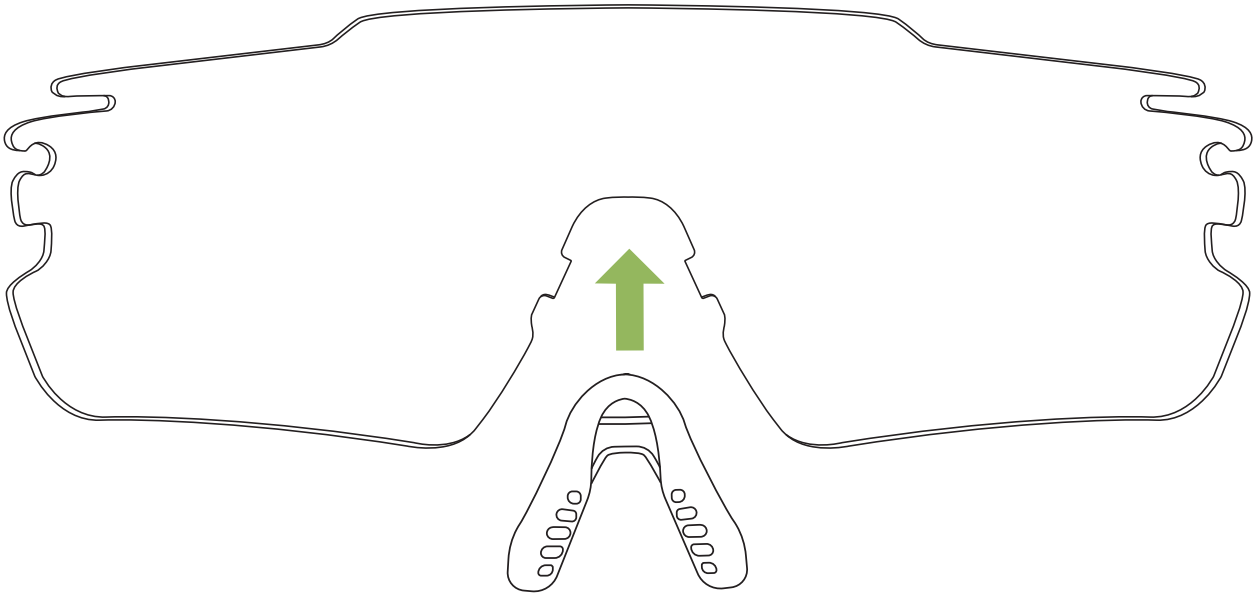


1. Press each button located on the inner side of each arm to release the arm from the lens.



2. Squeeze the hard parts of the nose pad together and pull down to release the nose pad from the lens.

How to Switch Lenses



3. Align the replacement lens to the temples and the nose pad and push the lens into the grooves until you hear a snap. Confirm the glass is securely locked in.

Care and Maintenance

Clean the glasses

Component	Cleaning instructions
<p>Glasses</p>	<p>After each use, wipe both sides of the lenses and all parts of the frame with the cloth bag provided. Do not use paper tissues or cloths containing fibers derived from wood. Do not use dirty or abrasive cloths.</p> <p>CAUTIONS:</p> <ul style="list-style-type: none"> · Before cleaning and maintenance, turn off the power of the product and disconnect all connections and cables from other equipment. · Do not rinse your glasses directly with water or use ultrasonic cleaning. · Do not allow liquids to spill into any openings of the glasses. · Do not clean your glasses with anything sharp or abrasive. To avoid glasses damage, deformation, and discoloration, do not use abrasive cleaners or sprays, high-concentration cleaners, chemical cleaning fluid, alcohol, or acetone solvent to clean your glasses.
<p>Nose pads</p>	<p>Wipe the nose pads with the cloth bag provided.</p>

Water resistance

This product was tested under controlled laboratory conditions, and has a rating of IPX4 under IEC standard 60529. Sweat and water resistance are not permanent conditions and resistance might decrease as a result of normal wear.



CAUTIONS :

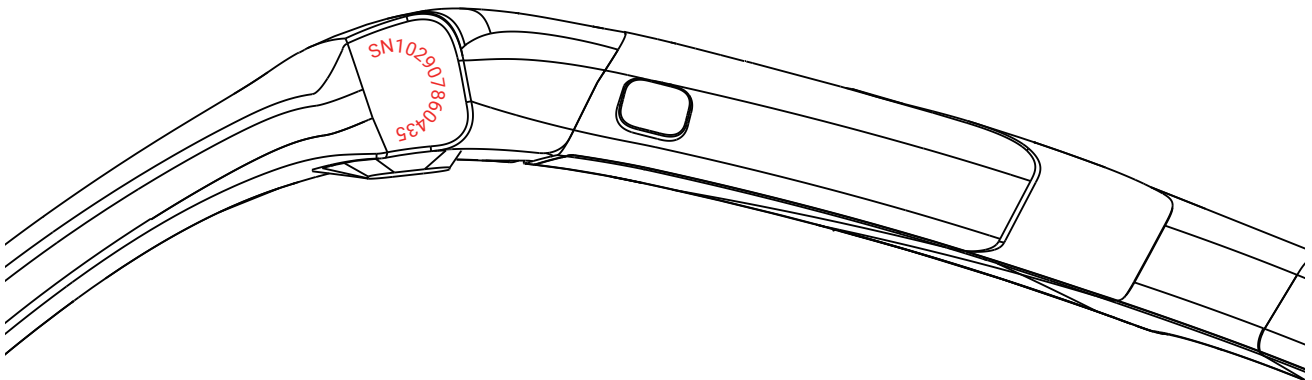
- Do not use this product near water.
- Do not submerge or expose the products for extended period to water, or wear while participating in water sports, e.g., swimming, waterskiing, surfing, etc. If this product and its accessories are accidentally exposed to water, please wipe it as soon as possible and place it in a ventilated and cool place for drying.
- Do not use or charge the product again until it is completely dry.
- The glasses case is not water-resistant.

Storage and Maintenance

- Keep the product in the cloth bag or case provided during transport and periods when not in use.
- Keep in a dry place at a temperature between -10°C and 35°C .
- Keep the product away from heat sources, direct sunlight, combustible gas or other liquids.
- Keeping the charging port dry before connecting to the charger will reduce the risk of damage. Do not charge right after exercising, in case there's sweat inside the charging port, which could lead to circuit burning while charging.
- Make sure to power off the glasses when not in use. Fold the glasses and place them in the provided case.
- Before storing the glasses for a long period, make sure the battery is fully charged, and charge the glasses before using again.

Warranty

Serial number locations



The serial number can be found at the barcode of the packing box and on the warranty card.

The serial number is also printed on the hinge of the left temple.

Contact us



Your glasses are covered by a limited warranty.
If you experience problems with the glasses,
visit our website at

US region: help.shokz.com

All other region: customer.service@shokz.com

Regulatory and Legal Information

Hearing Loss



Listening with this product at high volume may affect your hearing and audio may be distorted. Please avoid using this product at a high volume for long periods of time.

Be Aware of Your Surroundings

- Please note that in some countries or regions, it may be illegal to use this product while operating any type of vehicle. Please check and comply with the traffic rules or relevant laws and regulations in your area or consult your local regulatory authority.
- Please use this product properly and carefully when driving, riding or engaging in any activity that requires full concentration, ensuring that the volume is kept within the appropriate range.
- Please make sure you can hear your surroundings while operating any type of vehicle, especially alarms or warning signs.

Choking Hazard

Keep the glasses and the accessories away from children and pets. If accidental ingestion happens, seek immediate medical attention. When not in use, store the glasses in the case, and store away from children and pets.

Battery Safety

To avoid the risk of explosion, fire, or leakage from toxic chemicals, please do not disassemble the product or replace, deform, or mutilate the battery.

- Do not immerse or expose the battery to water or other liquids, to sunlight, fire or other excessive heat, extremely low air pressure, or to explosions or other hazardous environments.
- Please properly dispose of the batteries according to local regulations. Batteries must not be disposed of as household waste. Improper disposal of batteries may cause an explosion.

Magnetic Material

- This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
- When using this device, keep it at least 15 cm away from medical devices or personal medical equipment (e.g. pacemakers, cochlear implants, hearing aids, etc.).

Warning

- Keep this product between 0°C and 35°C during use.
- Do not expose the product to dripping or splashing, and objects containing liquid (e.g. water bottles). Do not place objects containing liquid on or near the product to avoid dampness or liquid ingress into the product and its accessories as this may lead to functional failure or danger of electric shock.
- Do not place this product near a fire or heat source (e.g. lighter) to avoid deformation of the glasses due to heating as this may lead to functional failure or misfire.
- If you are allergic to silicone, plastic, metal, fiber, nylon and other materials, exposure to these materials for an extended period of time may cause an allergic reaction. If you develop a rash or feel any discomfort, stop wearing the glasses and consult your doctor.
- Please clean the glasses frame and lenses regularly to avoid discomfort caused by wearing dirty glasses.
- Do not wear the glasses while charging. Do not charge the glasses during lightning storms.
- Please only use accessories specified by Shokz.
- Use this product only with an agency-approved power supply that meets local regulatory requirements (e.g., UL, CSA, VDE, CCC).
- This product should not be charged near chip cards (such as a bank card) and other metal materials as this may affect the normal usage of the charger and/or materials.
- This product is not for use as eye protection against mechanical impact hazards, please do not collide with hard objects. The glassed of this product has been tested as impact resistant

according to the US FDA Reg.21CFR801.410, but do not form an unbreakable or indestructible barrier for protecting the eyes.

- This product is not suitable for contact sports as there is a risk of facial injury due to product breakage.
- This product is not suitable for protecting the eyes at work (e.g. welding).
- All colored lenses(including lenses from category 1 to 3) are not suitable for driving in twilight or at night.
- Certain colored lenses are designed for performance applications and may not be able to identify road signs. If the glasses impair your peripheral vision, do not wear while driving.
- This product is not for direct observation of the sun, not for protection against artificial light sources, e.g. solaria;
- Do not make unauthorized alterations to this product as this will result in the product and accessories not being covered by the Shokz warranty. If the products malfunctions, take your product and provide proof of purchase to Shokz or to an authorized dealer for assistance.

Water Protection

- This product was tested under controlled laboratory conditions, and has a rating of IPX4 under IEC standard 60529. Sweat and water resistance are not permanent conditions and resistance might decrease as a result of normal wear.
- Do not use this product near water.
- Do not submerge or expose the products for extended period to water, or wear while participating in water sports, e.g., swimming, waterskiing, surfing, etc.
- If this product and its accessories are accidentally exposed to water, please wipe it as soon as possible and place it in a ventilated and cool place for drying. Do not use or charge the product again until it is completely dry.
- The glasses case is not water-resistant.

Cleaning and Maintenance

- Before cleaning and maintenance, turn off the power of the product and disconnect all connections and cables from other equipment.
- After each use, wipe both sides of the lenses and all parts of the frame with the cloth bag provided. Do not use paper tissues or cloths containing fibers derived from wood. Do not use dirty or abrasive cloths.
- Do not clean your glasses with anything sharp or abrasive. To avoid glasses damage, deformation, and discoloration, do not use abrasive cleaners or sprays, high-concentration cleaners, chemical cleaning fluid, alcohol, or acetone solvent to clean your glasses.
- Please do not rinse your glasses directly with water or use ultrasonic cleaning.

Storage

- Keep the product in the cloth bag or case provided during transport and periods when not in use.
- Keep in a dry place at a temperature between -10°C and 35°C.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the head.

Responsible party (contact for FCC matters only):

FCC ID: 2A5CD-V102

AfterShokz LLC.

3200 Gracie Kiltz Lane, Suite 400 Austin, TX 78758, The USA.

www.shokz.com

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s): Operation is subject to the following Two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. IC: 28271-V102

CAN ICES-3(B)/NMB-3(B)

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the head.

CE Declaration of Conformity

Shokz Holding Limited hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and PPE (2016/425/EU) and all other applicable EU Directive requirements. The complete declaration of conformity can be found at: <https://shokz.com/pages/policies>. Shokz' s EU representative is AfterShokz Euro B.V., Schipholweg 103, 2316XC Leiden, Netherlands.

Frequency Range	Max. Transmit Power
2400-2483.5MHz	10dbm



UK Declaration of Conformity

Shokz Holding Limited hereby declares that this product is in compliance with the essential requirements and all other applicable United Kingdom' s regulations. The complete declaration of conformity can be found at: <https://shokz.com/pages/policies>. Shokz' s authorised representative in the UK is Pinpoint Consumer Electronics Ltd., Unit 35, Meridian House, Road One, Winsford Industrial Estate, Winsford, Cheshire CW7 3QG.



WEEE Declaration of Conformity

This WEEE logo means that this product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

Sunglasses Declarations

Lenses meet applicable government impact resistance requirements but ARE NOT SHATTERPROOF.

This device is designed to block greater than 99% UVA and UVB light energy and complies with the following standards:

US FDA REG. 21CFR 801.410

ANSI Z80.3-2018






EN ISO 12312-1:2013+A1:2015

BS EN ISO 12312-1: 2013+A1: 2015

GB 39552.1, GB/T 39552.2

AS/NZS 1067.1: 2016

Description of Filter Categories and Assigned Symbols

Filter category	Transmittance	Description	Usage	Symbol
0	80%-100%	Light tint sunglasses	Very limited reduction of sun glare	 IEC 60417-5955
1	43%-80%		Limited protection against sun glare	 ISO 7000-2948
2	18%-43%	General purpose sunglasses	Good protection against sun glare	 ISO 7000-2949
3	8%-18%		High protection against sun glare	 ISO 7000-2950
4	3%-8%	Very dark special purpose sunglasses, very high sun glare reduction	Very high protection against extreme sun glare, e.g. at sea, over snowfields, on high mountains, or in desert. not suitable for driving and road use.	 ISO 7000-2951

Note: Design and specification are subject to change without notice. For the most up-to-date product information, please visit www.shokz.com.

SHOKZ