

acer
OHR502
TWS Wireless headset

Customer Services: (978)230-8895(US)
Mon-Fri: 9am-6pm(EST)
User Manual

Thank you for choosing Acer!
Please read this user manual carefully when using this product.

Preface
Thank you for purchasing Acer products. For optimum operation,
please read this manual carefully before using.

Model
OHR502

Item Name
TWS Wireless Earphones

Product List
Headphones x2pcs
Charging case x1pcs
Type-C charging cable x1pcs
Instruction manual x1pcs

Product Description
This TWS earphone is a wireless connectivity-enabled audio product,
which is compatible with Android and iOS smartphones, tablets, and
other portable electronic devices. By eliminating the constraints of
wired connections, it offers users enhanced convenience and
unrestricted mobility, catering to a wide range of application scenarios.

Product Specifications
Material: ABS+Electroplating
Product Weight:42.6g
Charging port:type-c
Earphones Size:27.5*26.77*16.43 mm
Charging case size: 65*52.05*29mm

Product structure diagram



Introduction to product operation

function	operate	Light	Tone
Pair name	OHR502		
Boot	Open the lid of the charging case and take out the two earphones to automatically enter the pairing state, with the white and blue lights flashing rapidly. Long press the touch button of the earphone for 3 seconds to manually power on.	White and blue lights flashing alternately	power on/开机
Shutdown	Put the earphones into the charging compartment to enter the charging state and automatically power off to disconnect the connection, with the white and blue lights flashing quickly three times and then extinguishing. Long press the touch button of the earphone for 5 seconds to manually power off.	white lights flash three times	power off/关机
Pair the left and right earphones	After powering on, the left and right earphones automatically enter the pairing mode.	Pairing status: White and blue lights flashing alternately Pairing successful: Left earphone light off, right earphone white light flashing rapidly, light off after successful connection to the mobile phone	
Toggle the Chinese and English prompt tones	After the left and right earphones are successfully paired and in the unconnected device state, double-click any earphone to switch the prompt language.	White light flashing	English/中文
Smart device connectivity	After the earphones are successfully paired, they automatically enter the waiting connection state. Open the Bluetooth list of the smart device, search for "OHR502" and click to connect. After the successful connection between the earphones and the smart device, there will be a prompt tone.	Left and right earphone lights extinguished	Connected/ 连接成功
Play/Pause	In the connected state and when playing music, click the touch button of any earphone.	/	/
Previous song	In the connected state and when playing music, double-click the touch button of the left.	/	/
Next song	In the connected state and when playing music, double-click the touch button of the right.	/	/
Increase the volume	In the connected state, triple-click the touch button of the right earphone.	/	/
Reduce the volume	In the connected state, triple-click the touch button of the left earphone.	/	/
Voice assistant	In the connected state, long press the touch button of the earphone for 2 seconds.	/	Ding
Answer Incoming Call	In the incoming call state, click the touch button of any earphone.	/	Phone ringtone

Reject Incoming Call	In the incoming call state, long press the touch button of any earphone for 2 seconds.	/	/
Hang Up Call	In the incoming call state, click the touch button of any earphone.	/	/
Disconnect Connection	When at a long distance or the smart device turns off Bluetooth	Main earphone white and blue lights flashing alternately, sub-earphone light off	disconnect / Connection disconnected
Automatic Reconnection	When at a short distance or the Bluetooth of the mobile phone is turned on (the smart device has not deleted the connection)	Lights off	Bluetooth connected

Headset parameters

- Product name: OHR502
- Bluetooth version : Bluetooth 5.4
- Support mode :AAC/SBC
- Bluetooth transmission distance :10m
- Carrier frequency :2.402GHz-2.480GHz
- Frequency response range :20Hz-20KHz
- Horn size: Φ13mm
- Horn sensitivity :103dB ±3dB
- Horn impedance : 32Ω±15%
- Horn rated power :5mW
- Headphone battery capacity :3V/50mAh (polymer battery)
- Charging bin battery capacity: 3V/300mAh (polymer battery)
- Charging interface :USB Type-C
- Headset use time :≈5-6 hours
- Earphone single charging time :≈1 hour
- Charging time: <1hours
- Charge the headset: About 2 times
- Shutdown standby time :≈3000 hours

Simple troubleshooting

fault	cause	Resolution
Doesn't turn on	The headphones are low on battery	Charge the headphones
The headphones flash red	The headphones are low on battery	Charge the headphones
Charging is slow	The headphones were not put away	Adjust the position where the headphones are placed
Automatic power off	Automatic low battery	Charge the headphones
The headphones have an echo	The volume is too loud or the environment is too noisy	Adjust the volume or change the environment
There is a murmur from the headphones	Serious external interference or too far away from the phone	Change the location or be close to your phone
The other party's voice is quiet	The headphones are worn incorrectly or the volume is too low	Adjust the headset wear or volume
The signal is intermittent	Serious external interference or too far away from the phone	Choose a distraction-free environment or be close to your phone

Safety guidelines

- Before using this product for the first time, please fully charge it before using it.
- The product is not a toy, and children under the age of 12 must be used under the supervision of an adult.
- Please use a 5V/1A charger that has passed the safety certification of a regular manufacturer to avoid damage to the product caused by a fast charging charger that supports high voltage.
- Please charge in a safe environment, when charging the charging case, please pull out the charging cable as soon as possible after the power is fully charged to avoid damage to the battery caused by long-term charging. The charging method of the charging case is the Type-C interface.
- This product has a built-in non-removable rechargeable battery, and repeated charging and discharging of the earbuds will lead to a decrease in battery performance over time, which is normal for all rechargeable batteries.
- This product comes with a healthy battery, if it has not been used for a long time, please charge it at least once a month.
- If you feel skin discomfort when wearing it due to individual differences, please stop wearing it and consult a doctor.
- When using this product with Bluetooth connection, please adjust the sound of the earphones to an appropriate volume to avoid hearing damage caused by long-term loud volume.
- If you use this product while engaging in activities that require concentration, you should pay attention to your own safety and the safety of others, such as when driving or cycling, on roads, construction sites, railways, or walking. You should remove your headphones or adjust the volume to ensure that you can hear the sounds around you, including alarms and warning signals.
- Please follow the relevant regulations of your region or country and use this product as required when driving.
- This product contains magnetic materials, please keep away from electrical appliances with strong magnetic or electric fields, such as microwave ovens, refrigerators, etc., when using or placing the product.
- It is recommended to use this product in an environment with a temperature of -0°C-45°C. When the ambient temperature is below +5°C, battery performance is limited.
- Do not use this product in places where it is expressly prohibited to use wireless equipment, otherwise it will interfere with other electronic equipment or cause other dangers.
- Before approaching medical or industrial equipment or boarding a plane, please ask the local staff if they can use it.
- Before cleaning and maintaining this product, stop using this product, turn off all applications, and disconnect all connections or cables to other equipment.
- Please dispose of waste electronic products properly in accordance with local laws and regulations, and do not dispose of electrical and electronic equipment, parts, batteries and other household waste.

warning

- Do not use abrasive cleaners to clean this product.
- Do not allow this product to be heated or close to a fire source, such as a cooking stove.
- Do not expose the product to direct sunlight for a long time.
- Do not discard this product in fire to avoid explosion.
- Do not attempt to disassemble this product to make any modifications, as it does not contain any maintenance components.
- Do not use this product in rain.
- If you do not plan to use this product for a long time, please store it in a dry environment and charge the headset less once to prolong its life and avoid extreme temperature and dust.
- Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.
- Batteries may explode if not handled properly.
- Do not disassemble or dispose of batteries in fire.
- Do not short external contacts, crush, puncture or otherwise tamper with batteries.
- Follow local regulations when disposing of used batteries.

FCC Warning

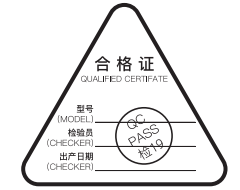
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.



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