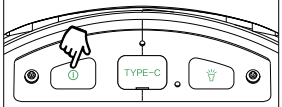
H1

Smart Helmet Operating Instructions

1

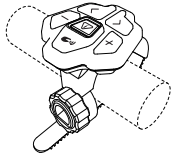


Long press the power button to turn it on

2

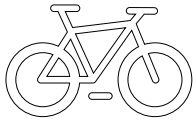
Long press the "⚠" for 3-5s to turn on the remote controller.

3



Attach the remote to your handlebar.

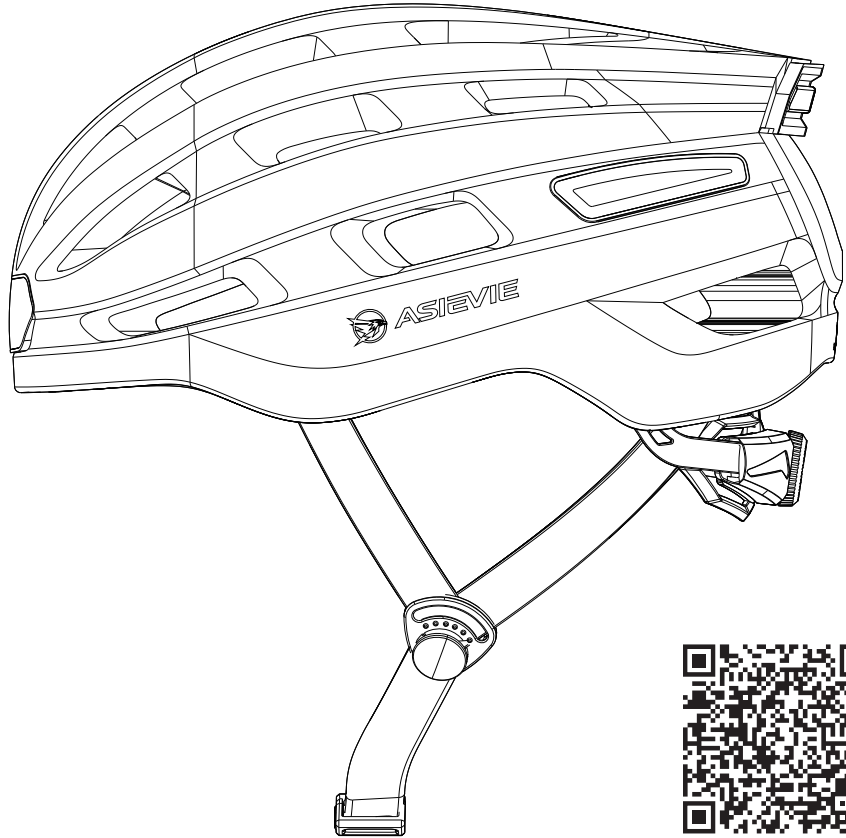
4



Ride Safe!

Quick Start Guide

Note: This product complies with U.S. CPSC 1203 safety standard. Please use it with confidence.



Operation Video

FCC ID: 2BGDJ-H1

FCC Caution:

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

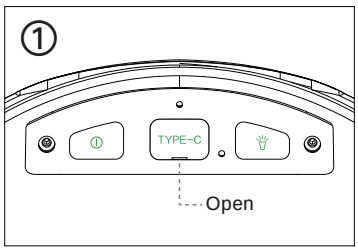
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate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

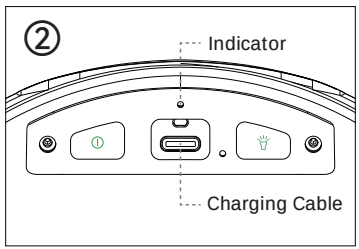
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Operating Instructions *(Please charge before use)*

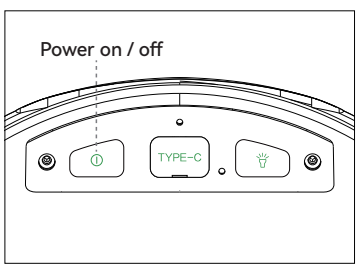
1. Charging

- Open the rubber cover marked " ▭ "
- Insert USB cable
- Light Indicator:
  - Red light on → Charging
  - Red Light turns off → Fully charged
  (Charge at least 1.5 hours)





2. Button Instructions



⏻ Hold for 3–5 s to power on

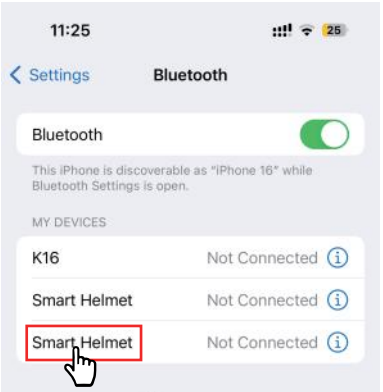
Voice: "Ready for Connection", taillight flashes — start up successful.

⏻ Hold for 3–5 s to power off

Voice: "Goodbye" — shut down successfully.

3. Bluetooth Connection Guide

Steps:



- When the helmet powers on successfully, it will play the voice prompt “Ready for Connection.”
- After turning on the handlebar remote, it will automatically connect to the helmet. Once the connection is successful, you will hear “Remote Connected.”
- Turn on your phone’s Bluetooth, find “Smart Helmet,” and tap to pair. After pairing is complete, the helmet will broadcast “Bluetooth Connected,” indicating that your phone is now connected to the helmet’s Bluetooth speaker.

Notes:

- This feature is for Bluetooth pairing only. It supports music playback, voice assistant, and phone calls like regular headphones, but it does **not support intercom**.
- For a more stable Bluetooth connection, avoid placing your phone directly against your body.
- Please connect the remote to the helmet first, then pair the helmet with your phone. After pairing, you can press the call button on the handlebar remote once to answer phone calls.
- If the remote becomes unresponsive or cannot control the helmet, it needs to be re-paired.
- How to Re-pair the Remote Control? --- Quickly press the “ ⚠ ” button five times to reset the remote. After resetting, it will automatically reconnect when the helmet is powered on.

4. Lighting Key Mode (If an abnormal condition occurs, please reset the device)

• How to adjust the headlight modes?

Press the light button " " on the helmet

Mode 1: " " Press once, Headlight steady on.

Mode 2: " " Press once, Fast flashing.

Mode 3: " " Press once, Slow flashing.

• How to adjust the taillight modes?

Press the light button " " on the helmet

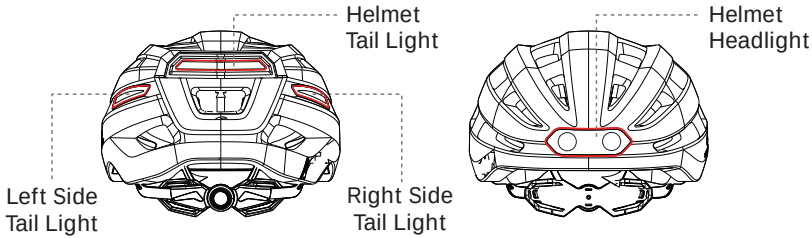
Mode 1: Press once, all lights steady on (Working time: 6 hours)

Mode 2: Press once, center light flashes rapidly (Working time: 16 hours)

Mode 3: Press once, center light flashing slowly (Working time: 28 hours)

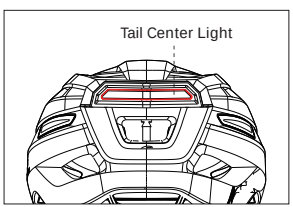
Mode 4: Press once, all lights off

Double-press the power button " " consecutively. A voice prompt "Voice On / Off" will be played to enable or disable voice prompts. For detailed operation instructions, please refer to the operation video. Press the button five times consecutively to reset. Press and hold for more than 10 seconds to force a restart.



*Note: When turning, use the " / " **buttons on the remote to flash the left or right lights to alert people and vehicles in front of and behind you.***

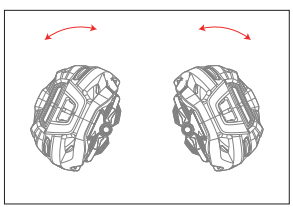
5. Alarm Alert Mode

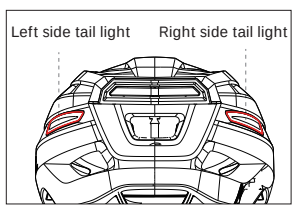


Tail center light blinks

Mode 1:

Brake sharply, tail center light blinks.





Tail lights flash left and right

Mode 2:

Fall, tail left and right lights flash.

6. Remote Controller Instructions

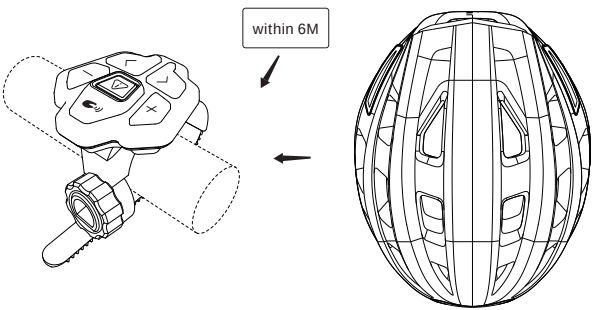
Multi-function Button
1. Hold for 3s: Power on/off (Green light on = power on; blinking then off = power off)
2. Press once: Emergency flasher (blinks for 15s with “didi” sound), press again to cancel
3. Press five times consecutively: Reset and automatically connect to the helmet (within 6 meters); voice prompt: “Remote Connected.”

Volume +
1. Press once: Increase volume
2. Hold: Next track

Volume –
1. Press once: Decrease volume
2. Hold: Previous track

Left Turn Signal
Press once: Signal left (blinks 15s with “di” sound), press again to cancel

Right Turn Signal
Press once: Signal right (blinks 15s with “di” sound), press again to cancel



7. Use, Maintenance, and After-Sales Service

(1) Proper Wearing and Use

- Applicable Scenarios: Regular cycling, skateboarding, unicycling, and other common sports where wearing a helmet is required.
- Non-Applicable Scenarios: This product is not suitable for extreme sports or other high-speed or high-risk activities.
- Proper Helmet Wearing:
  ① The helmet should be worn level, with the front edge positioned appropriately above the forehead.
  ② Adjust the head circumference system and chin strap to ensure a secure fit without excessive pressure.
  ③ The helmet should not move noticeably when shaking your head.
  ④ Before each ride, please check the helmet shell, retention system, and electronic functions to ensure they are functioning properly.

⚠ **Safety Notice:** This helmet has been certified in accordance with EN 1078:2012+A1:2012 and holds CPC certification. It meets the essential health and safety requirements (WGSA of Regulation (EU) 2016/425) as well as the U.S. CPSC safety standard for bicycle helmets for persons aged 5 years and older. However, no helmet can provide complete protection in all accidents. This product is designed to reduce the risk of head injuries but cannot guarantee the prevention of all injuries.

(2) Cautions and Warnings

- This helmet contains electronic components and provides limited splash resistance. Please do not use it for prolonged riding in rainy conditions.
- After exposure to rain, water droplets may appear inside the rear warning light cover. Place the helmet in a well-ventilated area for 1–2 days, and the moisture will dissipate naturally.
- This helmet contains a battery. Battery capacity may vary with temperature. When used in low-temperature environments or below 0°C, the operating time may be reduced to varying degrees.
- To maintain battery lifespan, if the helmet is to be stored for an extended period (over 3 months), it is recommended to fully charge the helmet before storage and recharge it every 3–6 months.

⚠ **Important Safety Warning:** If the helmet experiences a severe impact, fall, or traffic accident during use, internal cushioning materials may be damaged even if no visible damage is present. Protective performance can no longer be guaranteed. Discontinue use immediately and replace the helmet with a new one.

(3) Cleaning and Maintenance Instructions

- Store the helmet properly. Clean it with clean water only. Do not use alcohol, gasoline, organic solvents, or corrosive liquids such as acids or alkalis. Avoid impacts to the helmet.
- Do not modify the structure of the helmet. Drilling holes in the shell or altering the internal foam liner is strictly prohibited, as this may impair its shock-absorption and penetration-resistance performance.
- Under normal use and proper maintenance, the recommended service life of the helmet is 3–5 years.

(4) Technical Specifications

- Charging Port: Type-C USB
- Electrical Rating: DC 5V / 1A
- Charging Time: 1.5 hours
- Waterproof Rating: IPX45
- Operating Time: Up to approximately 28 hours (depending on usage of various functions)
- Storage Temperature: -10℃ to 45℃
- Operating Temperature: 0℃ to 45℃

(5) Electronic Function Troubleshooting

- During use, if any functional abnormality occurs, press the power button five times consecutively to reset the device. Press and hold the power button for more than 10 seconds to perform a forced restart.
- If the issue persists, please contact the seller for support via the official order page on the purchase platform.

(6) After-Sales Service and Warranty Information

- This product is provided with standard after-sales technical support services.
- The following situations are not covered by the warranty:
  ① Damage caused by misuse, accidents, or drops;
  ② Unauthorized disassembly, modification, or non-authorized repairs;
  ③ Normal wear and tear or consumable parts.
- For after-sales service, please contact the seller on the purchase platform or an authorized brand service channel.

(7) Environmental Protection and Disposal

♻ This product contains electronic components and a battery. When disposing of the product, please follow local environmental regulations for proper recycling. Do not dispose of it improperly to avoid environmental pollution.