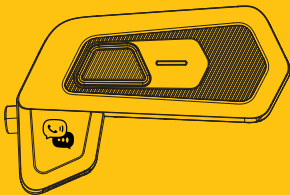
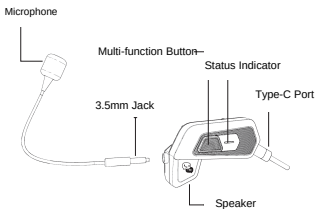


Wireless Module for Smart Helmet

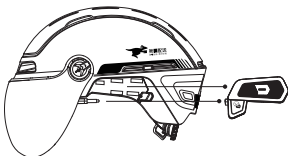


I. Function Indicators



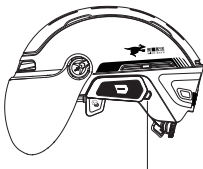
II. Installation & Removal

Installation:



Embed the module into the pre-drilled slot on one side of the helmet and insert the 3.5mm microphone jack.

Removal:



Press the spring clip to slide the module out.

III. Operating Instructions

1. Activating the Device

When using the device for the first time, or after a long period of inactivity, press and hold the button for more than 6 seconds to activate it. The indicator light or a voice prompt will signal power-on.

2. Sleep & Wake-up

The device enters sleep mode after 15 minutes of inactivity. Pick it up or shake it to wake the device back to working state.

3. Power On / Off

While the device is on: press and hold the button for more than 6 seconds to power off.

While the device is off: press and hold the power button for more than 3 seconds to power on.

4. Device Binding

Use the Meituan Rider / Meituan Crowdsourcing App to scan the QR code on the inside of the removable module, then follow the in-app instructions to bind the device.

5. Bluetooth Pairing

- 1) Open your phone's Bluetooth settings and turn on Bluetooth.
- 2) Search for a device named MT-K4-XXXX (the last 4 digits of the name match the last 4 digits of the QR code).
- 3) Tap the target device and follow the pairing prompt; it will connect automatically after pairing.
- 4) If the device cannot be found, power it off and on again, then attempt pairing once more.

6. Indicator Light Status

Scenario	Button Action	Indicator Status
Power On / Activation		Red 10s then off: <20%
		Yellow 10s then off: 20-50%
		Green 10s then off: >=50%
BT Pairing		Red & green alternating flash
Charging		Green solid: >=95%
		Yellow solid: 95-20%
		Red solid: <20%

7. Multi-function Button

Scenario	Button Action	System Response
Power On/Off	Long press	On:hold 6s off; Off:hold 3s on
Incoming Call	Single click	Answer call
	Long press 2 s	Reject call
	Click while on call	Hang up
	No button press	Auto-answer 10s (default off)
Order Dispatch	Single click	Confirm order
Helmet+App BT	Long press 0.5 s	Wake smart assistant
Check Battery	Press button	>=50%:green;20-50%:ylw;<20%:red

IV. Technical Specifications

Model:	MT-K4L1
Wireless:	Bluetooth 5.3
Charging Port:	Type-C
Battery:	900 mAh, approx. 3 hrs to full charge
Operating Temp:	-20 deg C ~ 45 deg C
Wireless Range:	Up to 10 m (line of sight)
Electrical Params:	5V / 0.4 A
Battery Life:	Summer: ~2 days; Winter: ~1.5 days (based on 14 hrs/day typical use)
IP Rating:	IP56 (removable module)

Warnings & Important Notes

Battery Safety

1. This product contains a battery. Do not dispose of it with regular household waste. Follow local battery recycling regulations.
2. Do not throw the product into fire or place it in high-temperature environments; this may cause leakage, overheating, or fire.
3. Do not disassemble, crush, heat, or burn the battery. Do not pierce or pry it with sharp objects; this may cause fire or explosion.
4. During charging the battery temperature rises; do not place the product near flammable materials (bedding, clothing, books).
5. If ambient temperature exceeds the operating range, the battery protection circuit may trigger. Leave the device at room temperature (15-35 deg C) for 1 hour before restarting or resuming charging.

Charging Cable Notes

1. Before connecting the cable, ensure the charging port is free of moisture and foreign objects to avoid short circuits.
2. Forcing the cable or improper insertion may damage the charging port or other components.
3. For battery health and safety, use only a 3C-certified charger.

Manufacturer: Luxshare Electronic Technology (Kunshan) Co., Ltd.

Address: No. 158 Jinchang Road, Jinxi Town, Kunshan,
Jiangsu Province, China

Compliance: This product complies with the radio management regulations and technical standards of the People's Republic of China. The approval code (CMIIT ID) is shown on the product label.

FCC Warning

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.

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

