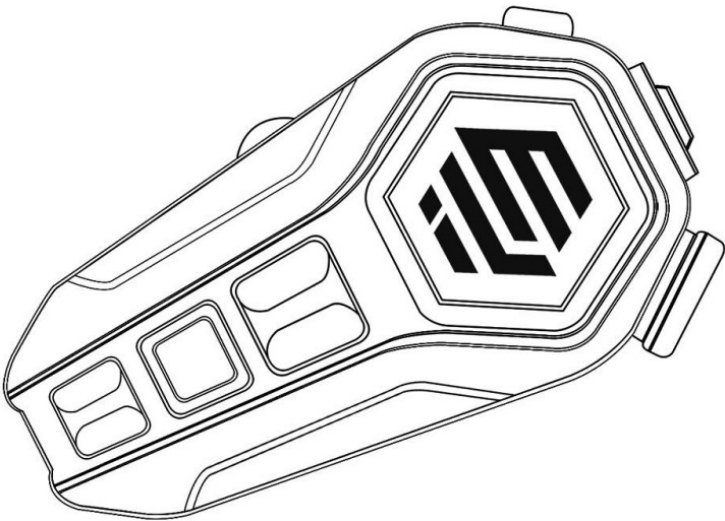# ILM IVT1 Multi Person Intercom Smart Bluetooth Device Owner's Manual

INSPIRED TO LIVE MORE

**IVT1 Multi Person Intercom
Smart Bluetooth Device
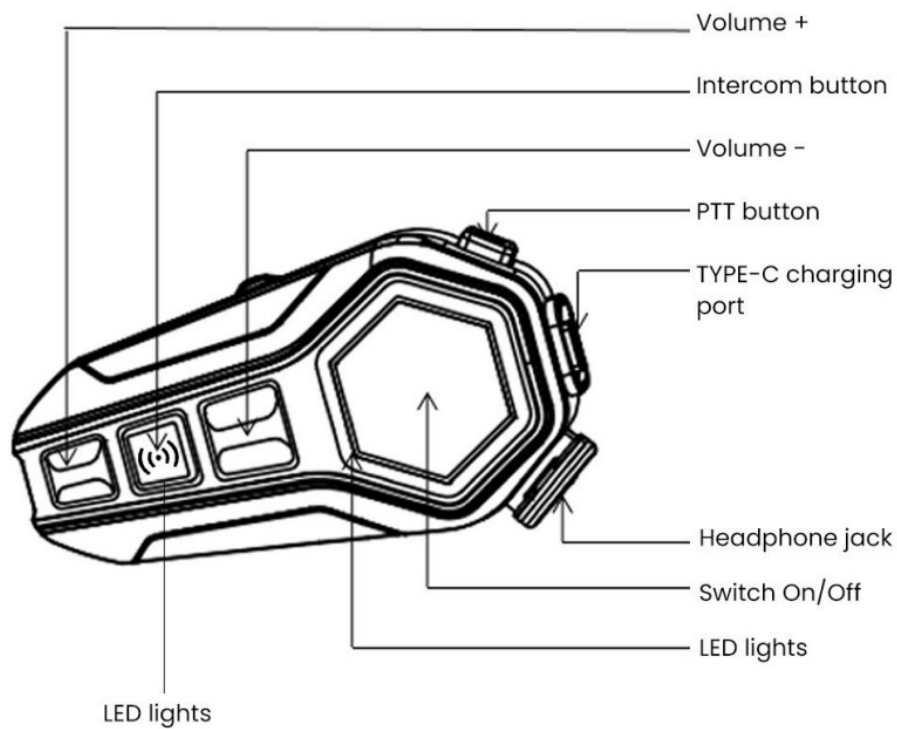Owner's Manual**

DYNAMIC LONG-DISTANCE COMMUNICATION · **Bluetooth™**

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RANGE PRO

Packing list

Bluetooth host

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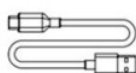
Speakers*2

Microphone fixing plate

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Fixing plate velcro

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V1.0

## Host installation instructions

Adhesive base

Tear off the adhesive backing of the base and find the right place to stick it on the side of the helmet.	Align the Biuetooth headset with the slots on both sides of the base and slide it down to snap it in tightly	Check f tion

Base with buckle

| With the helmet in place, clamp the metal clip of the base to the lower edge of the helmet and push the base upwards to secure it. | Align the Biuetooth headset with the slots on both sides of the base and slide it down to snap it in tightly. | Check for fir |
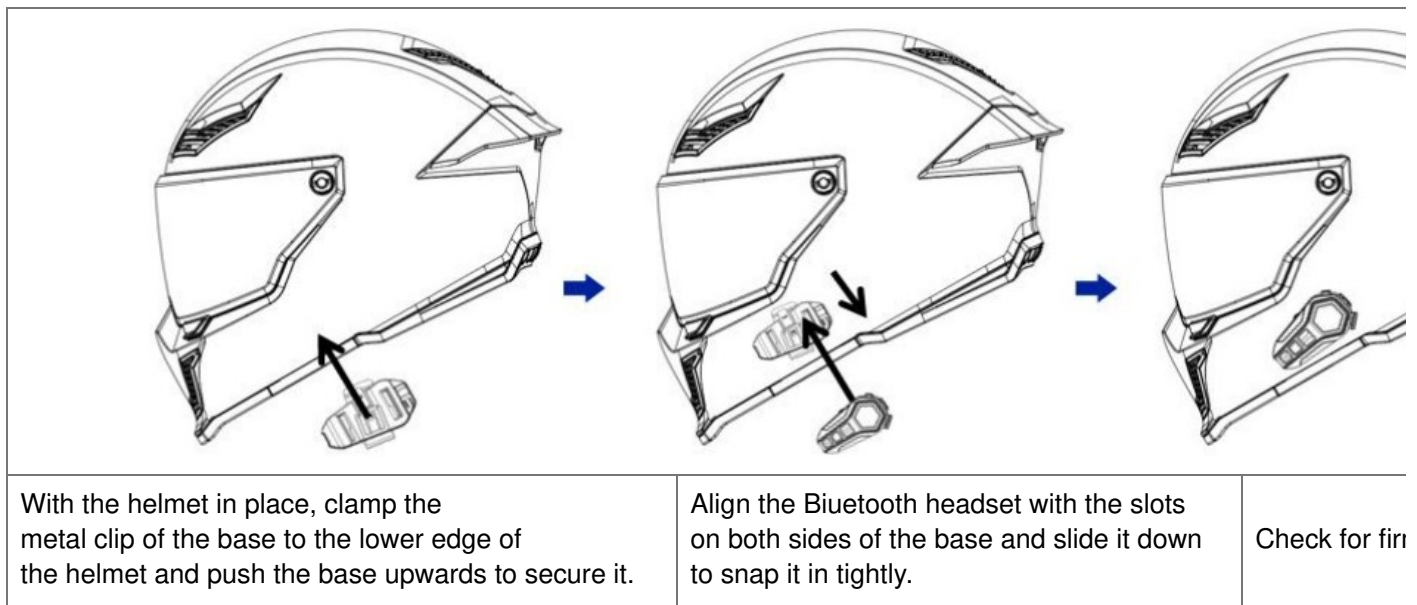
Headphone and microphone installation instructions
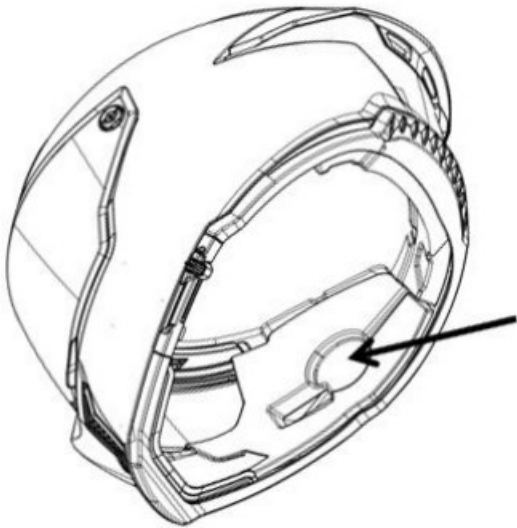
	Stick Velcro onto the reserved hole for headset on the helmet
	Attach the speaker to the Velcro
	Put on your helmet and adjust the microphone position
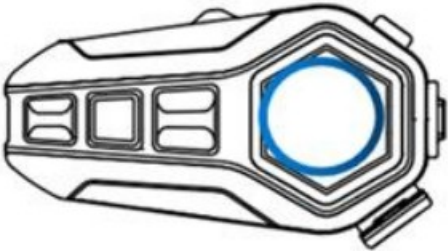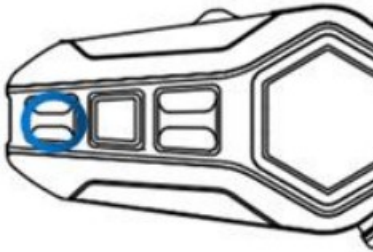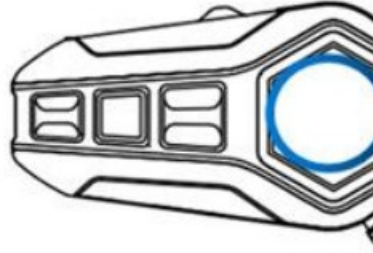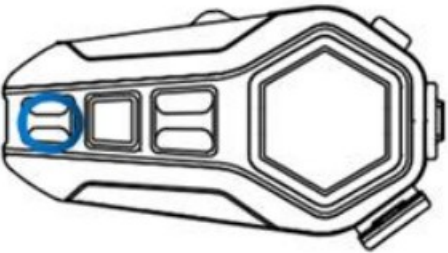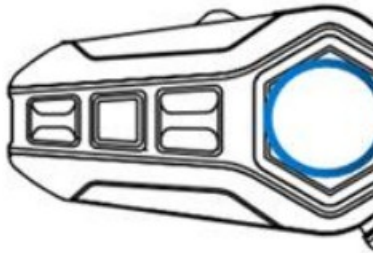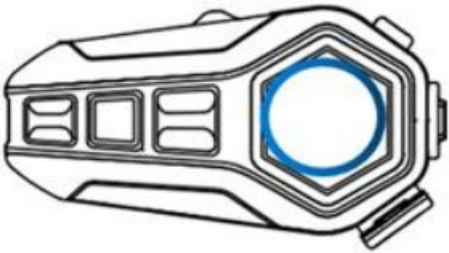
Operations

On/Oft: Long press for 2 seconds	Volume +: Press once

Volume -: Press once	Bluetooth pairing: Long press for 3 (when first turned on)

Next song: Long press for 2 seconds	Previous song: Long press for 2 seconds

Reject incoming calls: Long press for 1.5 seconds	Answer callis/Play music Pause: Press once

To wake up the voice assistant: Double press

Bluetooth Connections

Long press the on/off button for 2 seconds, and the helmet will make voice prompt: "Please pair the Bluetooth", the indicator light is red, blue light flashing alternately.
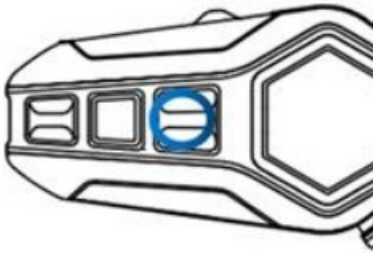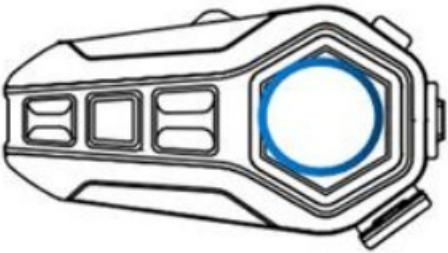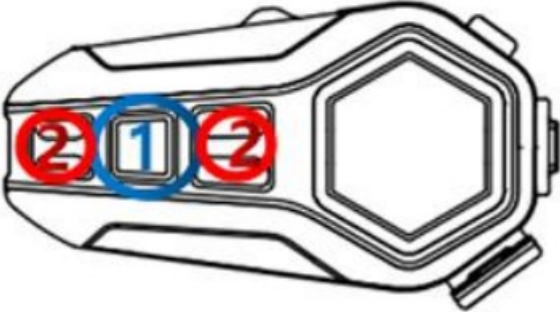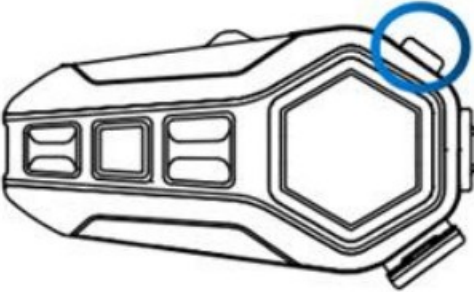
Open Bluetooth on your phone and search for Bluetooth pairing name: RANGEPRO.

When the Bluetooth connection is successful, a sound will prompt: "Bluetooth pairing successful", and the indicator light will remain blue.

When the phone turns off Bluetooth, a sound will prompt:'Bluetooth is disconnected".
After powering on the product again, it can automatically connect to the last connected device.

Note:
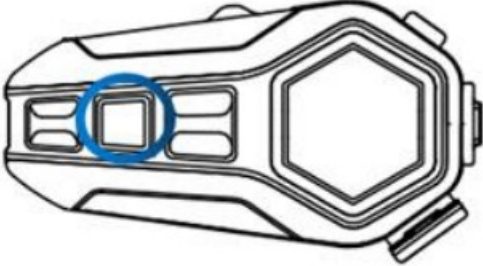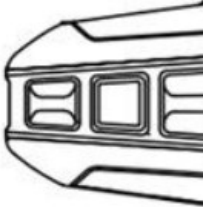When the power is lower than 20%, the helmet will prompt: low power, please charge.
The indicator light will slowly flash red and every 5 minutes will remind once, until the power off or connected to the charging device, the sound will stop.

Intercom on/off: Long press for 3 seconds	Turn the microph
Intercom Volume Control Click the intercom button first, and adjust the intercom volume by clicking the + and – buttons within 10 seconds.	Switch intercom
Microphone always on mode: Long press for 2 seconds	Initiate pairir

Mode Description:

1. Public mode: Unlimited number of people, activated when opened.

2. Two-player mode: Communication between two people.

3. Group mode: Support up to 6 people intercom

Instructions for pairing group/two-player mode:
After starting the two-player/group mode, long press each Bluetooth host's PTT and intercom button, and release after hearing the initiating pairing sound. Then, press the PTT button once at any helmet and there will be a sound to start group. After waiting for one minute, the system will remind that the microphone is on, indicating successful pairing.

Product parameters

Bluetooth protocol	QCC Bluetooth 5.2
Speaker	40MM 32Ω 50mW 20-20KHz 120±3dB
Microphone	6050
Battery	102542 1200Ahm_ 3.7V
Shell	ABS
Charging parameters	5V IC
Charging time	1.5H
Continuous working time	12-24H
Waterproof grade	IP67

Warning:
Do not expose the device 1o excessive high or low temperatures (above 65°C or below -25°C); do not put the battery into fire or cause direct short circuit, do not disassemble or replace the battery by yourself.

FC **Federal Communications Commission(FCC) Statement**

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.
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.

Specific Absorption Rate (SAR) information:
This Multi-person intercom smart Bluetooth device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement
The highest SAR value reported under this standard during product when properly worn on the body is 0.293W/kg. This device was tested for typical body-worn operations with the back of the Multi-person intercom smart Bluetooth device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0 mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation
This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the Multi-person intercom smart Bluetooth device, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-wom accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

After-sales/Warranty Instructions

ILM guarantees that the helmets /bluetooth (including official stores/authorized stores/dealers) can be guaranteed free of charge for failures caused by defects in materials and workmanship under normal use!
During the warranty period, ILM has the right to provide warranty schemes such as maintenance and parts replacement according to the product conditions.

Warranty Statement
The warranty period may vary depending on the type of products purchased.
Detailed information can be obtained from the following channels:

1. Please visit the brand official website: **ilmotor.com** within 15 days after purchasing the helmet, and you can get the effective warranty period after registration and activation (see ILM official website for details).
2. Bring the proof of purchase date and contact the official/authorized store /dealer of ILM for handling.

Member Bonus

1. Become an ILM member and enjoy the privilege of purchasing spare parts at the cost price for life.
2. As an ILM member, you can have the privilege of "free accessories' according to the quality assurance scheme provided by ILM.

Disclaimer

1. Failure/damage caused by accidents, misuse, abuse, modification, improper repair, liquid ingress, thermal damage, negligence, improper cleaning, improper storage, failure to follow the operating instructions and other reasons other than ILM helmet itself, or failure caused by repair or replacement by non-brand designated maintenance personnel/enterprises, the helmet, visor, and lining are not covered by the warranty.
2. The final interpretation right of this manual belongs to the company to which the ILM brand belongs.

Documents / Resources

ILM IVT1 Multi Person Intercom Smart Bluetooth Device [pdf] Owner's Manual
IVT1 Multi Person Intercom Smart Bluetooth Device, IVT1, Multi Person Intercom Smart Bluetooth Device, Intercom Smart Bluetooth Device, Bluetooth Device, Device

References

- **User Manual**