

## Teleheer T6 Plus

# Teleheer T6 Plus Motorcycle Helmet Bluetooth Intercom

## USER MANUAL

### Introduction

Thank you for choosing the Teleheer T6 Plus Motorcycle Helmet Bluetooth Intercom. This device is designed to enhance your riding experience by providing clear communication, music playback, and GPS navigation audio directly to your helmet. Please read this manual carefully before use to ensure proper operation and to maximize the device's performance and longevity.

### Product Overview and Key Features

The Teleheer T6 Plus is a full-duplex Bluetooth intercom system for motorcycle helmets, offering robust features for communication and entertainment on the road.

- **Full-duplex Bluetooth Real-time Intercom:** Enables clear, simultaneous two-way communication even at speeds up to 150 km/h.
- **Long-distance Multi-person Intercom:** Supports communication among multiple riders over distances up to 1.5 km.
- **Excellent Sound Quality:** Features advanced technology to reduce wind noise, ensuring clear audio for calls and intercom.
- **Extended Battery Life:** Provides up to 30 hours of talk time and 500 hours of standby time on a 2.5-hour charge.
- **IP65 Deep Waterproof Rating:** Designed to withstand dust and rain, offering enhanced durability and protection for internal components.
- **Fashionable Appearance:** Integrates seamlessly with helmet design.

### Package Contents

Please verify that all items listed below are included in your package:

- Teleheer T6 Plus Headset
- Mounting Clip
- Screw Bag
- Screwdriver
- 2 x Fastener Tape (Velcro)
- USB Type-C Charging Cable
- Instruction Manual (this document)

## Device Layout and Controls

The Teleheer T6 Plus features an intuitive button layout for easy operation while riding. Refer to the image below for button identification.



**Image 1:** Front view of the Teleheer T6 Plus intercom unit. It features a sleek, dark grey casing with five distinct buttons. From left to right, top row: Power button (circle with vertical line), Intercom button (glowing blue circle with a 'd' like symbol), Plus button (+). Bottom row: Phone button (curved phone icon), Minus button (-). The 'Teleheer' logo is visible below the intercom button.

### Button Functions:

- **Power Button (⏻):**
  - Press and hold for 3 seconds: Power On/Off.
  - Short press: Check battery level (when powered on).
- **Intercom Button (Central Glowing Button):**
  - Short press: Initiate/End intercom conversation.
  - Press and hold for 5 seconds: Enter intercom pairing mode.

- **Plus Button (+):**

- Short press: Increase volume.
- Long press: Next track (during music playback).

- **Minus Button (-):**

- Short press: Decrease volume.
- Long press: Previous track (during music playback).

- **Phone Button (>):**

- Short press: Answer/End phone call.
- Double press: Redial last number.
- Press and hold for 2 seconds: Reject incoming call.
- Press and hold for 5 seconds: Enter Bluetooth pairing mode (for phone).

## Setup

### 1. Charging the Device

1. Connect the provided USB Type-C charging cable to the charging port on the Teleheer T6 Plus unit.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer's USB port.
3. The LED indicator will show charging status (e.g., red for charging, blue for fully charged). A full charge takes approximately 2.5 hours.
4. Ensure the charging port cover is securely closed after charging to maintain waterproofing.

### 2. Installing on Helmet

The Teleheer T6 Plus can be installed using either the clip mount or the adhesive fastener tape mount.

#### Clip Mount Installation:

1. Loosen the screws on the back of the mounting clip using the provided screwdriver.
2. Slide the clip between the outer shell and the inner padding of your helmet, typically on the left side.
3. Adjust the clip's position to ensure it is secure and does not interfere with helmet functionality.
4. Tighten the screws firmly to secure the clip in place.
5. Slide the Teleheer T6 Plus unit onto the clip until it clicks into place.

#### Adhesive Fastener Tape Mount Installation:

1. Clean the desired mounting area on the side of your helmet thoroughly. Ensure it is dry and free of dust or grease.
2. Peel the backing from one side of the fastener tape and firmly press it onto the helmet surface.
3. Peel the backing from the other side of the fastener tape and attach it to the back of the Teleheer T6 Plus unit.
4. Align the unit with the fastener tape on the helmet and press firmly to secure.

### 3. Speaker and Microphone Installation

1. Attach the speakers to the inside of the helmet, typically in the ear pockets, using the adhesive backing. Ensure they are positioned directly over your ears for optimal sound.
2. Route the microphone towards your mouth. For full-face helmets, attach it to the chin bar. For open-face helmets, use the boom microphone and position it close to your mouth.
3. Connect the speaker and microphone cable to the appropriate port on the Teleheer T6 Plus unit.
4. Tuck all excess wires neatly under the helmet padding to avoid obstruction and ensure comfort.

## Operating Instructions

### 1. Power On/Off

- **Power On:** Press and hold the Power Button ( ) for approximately 3 seconds until you hear a voice prompt and the LED indicator flashes.
- **Power Off:** Press and hold the Power Button ( ) for approximately 3 seconds until you hear a voice prompt and the LED indicator turns off.

### 2. Bluetooth Pairing with Mobile Phone

1. With the device powered off, press and hold the Phone Button ( ) for approximately 5 seconds until the LED indicator flashes red and blue alternately, indicating pairing mode.
2. On your mobile phone, enable Bluetooth and search for available devices.
3. Select "Teleheer T6 Plus" from the list of devices.
4. Once paired, the LED indicator will flash blue slowly, and you will hear a confirmation voice prompt.

### 3. Intercom Pairing (Multi-Person)

The T6 Plus supports multi-person intercom. For optimal performance, pair devices in sequence.

1. Ensure both (or all) T6 Plus units are powered on.
2. On the first unit (Unit A), press and hold the Intercom Button (Central Glowing Button) for 5 seconds until the LED flashes red and blue alternately.
3. On the second unit (Unit B), press and hold the Intercom Button for 5 seconds until its LED also flashes red and blue alternately.
4. The units will automatically search and pair with each other. Once paired, the LEDs will flash blue slowly, and you will hear a confirmation.
5. To add more units, repeat the process, pairing each new unit with an already paired unit.
6. To initiate an intercom conversation, short press the Intercom Button on any paired unit. Short press again to end the conversation.

### 4. Phone Call Management

- **Answer Call:** Short press the Phone Button ( ) when an incoming call rings.
- **End Call:** Short press the Phone Button ( ) during a call.
- **Reject Call:** Press and hold the Phone Button ( ) for 2 seconds when an incoming call rings.
- **Redial Last Number:** Double press the Phone Button ( ) when not on a call.

### 5. Music Playback

- Ensure your phone is paired and music is playing on your device.
- **Play/Pause:** Short press the Intercom Button (Central Glowing Button).
- **Next Track:** Long press the Plus Button (+).
- **Previous Track:** Long press the Minus Button (-).

6. Volume Control

- **Increase Volume:** Short press the Plus Button (+).
- **Decrease Volume:** Short press the Minus Button (-).

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the unit. Avoid using harsh chemicals or abrasive cleaners.
- **Waterproofing:** The device is IP65 waterproof. Ensure the charging port cover is always securely closed when not charging to maintain its waterproof integrity. Do not submerge the device in water.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for an extended period. Store in a cool, dry place.
- **Storage:** When not in use for long periods, store the device in a dry environment at room temperature.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device for at least 2.5 hours.
Cannot pair with phone.	Device not in pairing mode; phone Bluetooth off; too many paired devices.	Ensure the T6 Plus is in phone pairing mode (red/blue flashing LED). Turn phone Bluetooth off and on. Clear previous Bluetooth connections on your phone.
Intercom not connecting.	Units not in intercom pairing mode; out of range.	Ensure both units are in intercom pairing mode (red/blue flashing LED). Move units closer together. Repeat pairing steps.
Poor audio quality / wind noise.	Microphone not positioned correctly; speakers not aligned with ears.	Adjust microphone closer to your mouth. Reposition speakers directly over your ears.

Problem	Possible Cause	Solution
No sound from speakers.	Volume too low; speakers disconnected.	Increase volume using the Plus button. Check speaker cable connection to the unit.

### Specifications

Feature	Detail
Brand	Teleheer
Model	T6 Plus
Bluetooth Version	5.1
Intercom Distance	≥900M, ≤1500M (approx. 0.56 - 0.93 miles)
Bluetooth Link Distance	50 meters (approx. 164 feet)
Supported Bluetooth Protocols	A2DP, AVRCP, HS/HF
Interface	Type-C
Battery Capacity	850mAh
Battery Type	Polymer Lithium Ion Battery
Talk Time	30 hours
Standby Time	500 hours
Charging Time	2.5 hours
Charging Voltage	5V
Horn Diameter	40mm
Signal Frequency Range	2.402GHZ-2.480GHZ
Waterproof Level	IP65
Operating Temperature Range	-40°C to 60°C (-40°F to 140°F)
Product Size	10.1 * 5.4 * 2 cm (approx. 3.98 * 2.13 * 0.79 inches)




### Safety Information


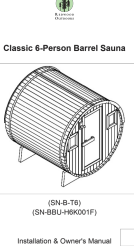

- Always prioritize road safety. Do not operate the device in a way that distracts you from riding.
- Maintain appropriate volume levels to ensure you can hear ambient traffic sounds.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage or injury.
- Keep the device away from extreme temperatures, open flames, and corrosive materials.
- Dispose of the device and its battery responsibly according to local regulations.

### Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact information provided at the point of purchase or visit the official Teleheer website. Please retain your proof of purchase for warranty claims.

### Related Documents - T6 Plus

	<p><a href="#">Teleheer T6 PLUS Motorcycle Helmet Intercom: FCC, IC, CE Compliance</a></p> <p>Regulatory compliance information for the Teleheer T6 PLUS Motorcycle Helmet Bluetooth Headset Intercom, including FCC, IC, and CE declarations, operational conditions, and importer details.</p>
	<p><a href="#">TELEHEER Intercom Headset User Manual - Shenzhen Hongfu Intelligent Technology Co., Ltd</a></p> <p>Official user manual for the TELEHEER Intercom Headset (model 2A4E8-TELEHEER) by Shenzhen Hongfu Intelligent Technology Co., Ltd. Learn about features, operation, installation, and troubleshooting.</p>
	<p><a href="#">TELEHEER Intercom Headset User Manual - Shenzhen Hongfu Intelligent Technology Co., Ltd</a></p> <p>Official user manual for the TELEHEER Intercom Headset (model 2A4E8-TELEHEER) by Shenzhen Hongfu Intelligent Technology Co., Ltd. Learn about features, operation, installation, and troubleshooting.</p>

	<p><a href="#">Pakrys AT6 Motorcycle Headlights User Manual</a></p> <p>User manual for Pakrys AT6 LED Motorcycle Headlights. Details features, specifications, installation, and wiring for these 40W, 3600LM, 6000K headlights with 3 light modes (High, Low, Strobe). Includes compatibility information for various vehicles and a Pakrys guarantee.</p>
	<p><a href="#">Redwood Outdoors Classic 6-Person Barrel Sauna Installation &amp; Owner's Manual</a></p> <p>Comprehensive installation and owner's manual for the Redwood Outdoors Classic 6-Person Barrel Sauna. Learn about assembly, maintenance, safety, and usage for your outdoor sauna.</p>
	<p><a href="#">Riton X1 Tactix Mag3 3x Magnifier: Features, Specifications, and Mounting Guide</a></p> <p>Explore the Riton X1 Tactix Mag3 3x Magnifier. Discover its HD glass, adjustable turrets, durable construction, and easy mounting for red dot sights. Includes technical specifications and warranty information.</p>

Documents - Teleheer – T6 Plus

[\[pdf\]](#) Label

3 Administrator Label Shenzhen Hongfu Intelligent Technology Co Ltd TELEHEER Intercom Headset 2A4E8 2A4E8TELEHEER teleheer

Intercom Headset IC:28246-TELEHEER FCC ID:2A4E8-TELEHEER HVIN: V2 CAN ICES-003 B /NMB-003 B Interc ... t Technology Co., LTD Made in China Intercom Headset IC:28246-TELEHEER FCC ID:2A4E8-TELEHEER HVIN: **T6 PLUS** CAN ICES-003 B /NMB-003 B Shenzhen Hongfu Intelligent Technology Co., LTD Made in China ...

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Date siemic FCC SDoC Letter Shenzhen Hongfu Intelligent Technology Co Ltd TELEHEER Intercom Headset 2A4E8 2A4E8TELEHEER teleheer

Shenzhen Hongfu Intelligent Technology Co., Ltd Date: 2022-6-28 To: Federal Communications Commissio ... t Shenzhen Hongfu Intelligent Technology Co., Ltd EUTMotorcycle Helmet Bluetooth Headset MODEL No.: **T6 PLUS**, V2, V3, V4, V5, V6, V7, V8, V9, T2, T3, T4, T5, T6, T7, T8, T9, S2, S3, S4, S5, S6, S7, S8,...

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[\[pdf\]](#) Decleration of Conformity

FACSIMILE TRANSMISSION User Intertek Testing Services Family models declaration letter Shenzhen Hongfu Intelligent Technology Co Ltd TELEHEER Intercom Headset 2A4E8 2A4E8TELEHEER teleheer Declaration on model difference We the undersigned hereby confirm that any of our production units ... rket purposes; FCC ID: 2A4E8-TELEHEER Production name Trade name Intercom Headset / Model no. **T6 PLUS**, V2, V3, V4, V5, V6, V7, V8, V9, T2, T3, T4, T5, T6, T7, T8, T9, S2, S3, S4, S5, S6, S7, S8,...

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[\[pdf\]](#) Test Report

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT fly compliance Test Report Shenzhen Hongfu Intelligent Technology Co Ltd TELEHEER Intercom Headset 2A4E8 2A4E8TELEHEER teleheer TEST REPORT Product Name Model Number FCC ID Intercom Headset TT65,PTL6U, ST7, ,VT28, ,VT39, ,VS42 ... Times Building, No.159 Pingji Avenue North, Pinghu Street, Shenzhen, China : Intercom Headset : **T6 PLUS**, V2, V3, V4, V5, V6, V7, V8, V9, T2, T3, T4, T5, T6, T7, T8, T9, S2, S3, S4, S5, S6, S7, S8,...

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