TNICER T5Plus

TNICER T5Plus Motorcycle Intercom User Manual

Model: T5Plus
Brand: TNICER

1. Introduction

Thank you for choosing the TNICER T5Plus Motorcycle Intercom. This device is designed to enhance your riding experience by providing seamless communication, music playback, and GPS navigation audio. Featuring advanced Bluetooth 5.2 technology and a dual-chip design, the T5Plus offers stable connections, clear audio, and extended battery life. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and safety.



Image: Two TNICER T5Plus intercom units, showcasing their sleek design and control buttons.

2. Product Features

- **Simultaneous Music and Intercom Calls:** The T5Plus allows you to listen to music or GPS navigation while engaged in an intercom conversation. This dual-chip transceiver offers a balance of affordability and high performance.

  Note: Music sharing is not possible during intercom calls.

- **Advanced Bluetooth 5.2 Connectivity:** Equipped with the latest Bluetooth 5.2, the T5Plus ensures strong signal transmission, stable connections, and ultra-low power consumption. It significantly reduces delay time and enhances resistance to signal interference compared to older Bluetooth versions.



Image: Internal view of the T5Plus unit highlighting the Qualcomm Bluetooth 5.2 dual chips, indicating advanced processing capabilities.

- **2-Person Intercom with 500m Range:** Supports simultaneous communication for up to two riders. In obstacle-free environments, the maximum communication distance between intercoms can reach approximately 500 meters. The device is TELEC certified, complying with Japanese Radio Law technical standards.



Image: Two motorcyclists riding on a road, illustrating the 500-meter communication range between their intercom units.

- **Universal Connectivity & Auto-Reconnect:** The T5Plus supports open-source Bluetooth protocols, allowing connection with intercoms from other brands, navigation systems, smartphones, and other Bluetooth devices. Even if a rider is not within the group or communication is interrupted by obstacles or external signals, it will automatically reconnect in a short time once within the communication range.
- **Voice Assistant Support:** Compatible with smartphone voice assistants, enabling easier and safer smartphone operation while riding.
- **Superior Sound Quality & 3 Sound Effects:** Equipped with a built-in CSR noise reduction chip and upgraded Hi-Res speakers. Users can freely switch between three distinct sound effects (Bass Boost, Mid-range Boost, Treble Boost) for an optimized audio experience.



Image: A visual representation of the three sound quality adjustment modes (Bass, Mid-range, Treble Boost) available on the T5Plus.

- **Music Sharing Function:** Allows you to share music with a friend while riding.

  Note: Music sharing is not possible during intercom calls.



Image: Two motorcyclists wearing helmets, depicting the music sharing feature between them.

- **Long Battery Life:** Features a 900mAh lithium polymer battery, providing up to 30 hours of music playback, 30 hours of talk time, and 600 hours of standby time.



Image: A graphic illustrating the 900mAh battery capacity and its performance metrics: 30 hours talk time, 30 hours music playback, 1.5 hours full charge, and 500 hours standby.

- **IP67 Waterproof & Dustproof:** Designed with IP67 waterproof performance, making it suitable for use in various harsh weather conditions including sand, rain, storms, snow, and temperatures down to 0°C.



Image: The T5Plus intercom unit being splashed with water, visually representing its IP67 waterproof and dustproof capabilities.

- **FM Radio Function:** Includes an FM radio function, allowing reception of FM broadcasts.

3. Package Contents

Please check the package to ensure all items are present:

- TNICER T5Plus Main Unit (quantity as per purchase, e.g., 2 units)
- Hard Mic & Speakers
- Soft Mic
- User Manual (Japanese)
- USB-C Charging Cable
- 3M Double-sided Adhesive Pads
- 3M Single-sided Adhesive Pads
- Rigid Mic Fixing Velcro

- Mounting Bracket Base
- Round Velcro
- Speaker Foam Pads
- Metal Clip



Image: A comprehensive layout of all accessories and components included with the TNICER T5Plus intercom system.

4. Setup Guide

4.1. Charging the Device

Before first use, fully charge the T5Plus unit. Connect the provided USB-C charging cable to the charging port on the unit and plug the other end into a USB power adapter (not included). The charging indicator will show the charging status. A full charge takes approximately 1.5 hours.

4.2. Installing the Intercom on Your Helmet

1. **Choose Mounting Method:** Decide between using the metal clip or the adhesive pad for mounting the main unit to your helmet.
   - **Metal Clip:** Slide the clip between the helmet shell and the inner padding. Ensure it is securely fastened.
   - **Adhesive Pad:** Clean the desired mounting surface on your helmet. Peel off the protective film from the 3M adhesive pad and firmly press the mounting bracket onto the helmet for at least 30 seconds. Allow sufficient time for the adhesive to cure before attaching the intercom unit.
2. **Attach Main Unit:** Slide the T5Plus main unit onto the mounted bracket until it clicks securely into place.
3. **Install Speakers:** Place the speakers inside the helmet's ear pockets. Use the provided Velcro pads to secure them. Ensure the speakers are positioned directly over your ears for optimal sound.
4. **Install Microphone:**

- **For Full-Face Helmets:** Use the soft mic, attaching it to the inside of the chin bar with Velcro, positioning it close to your mouth.
- **For Open-Face/Modular Helmets:** Use the hard mic, attaching it to the helmet's chin strap or side with Velcro, ensuring it is positioned for clear voice pickup.

5. **Connect Cables:** Connect the speaker and microphone cables to the corresponding ports on the T5Plus main unit. Ensure connections are firm.

5. Operating Instructions

5.1. Power On/Off

- **Power On:** Press and hold the Power button for approximately 3 seconds until you hear a voice prompt.
- **Power Off:** Press and hold the Power button for approximately 3 seconds until you hear a voice prompt.

5.2. Bluetooth Pairing (Smartphone/GPS)

1. Ensure the T5Plus is powered off.
2. Press and hold the Power button for about 5-7 seconds until the LED indicator flashes red and blue alternately, indicating pairing mode.
3. On your smartphone or GPS device, enable Bluetooth and search for "TNICER T5Plus".
4. Select "TNICER T5Plus" from the list of available devices to connect. Once paired, the LED indicator will turn solid blue.

5.3. Intercom Pairing (Unit to Unit)

1. Ensure both T5Plus units are powered off.
2. On both units, press and hold the Intercom button (usually the large central button) for approximately 5-7 seconds until the LED indicators flash red and blue alternately.
3. The units will automatically search and pair with each other. Once connected, the LEDs will turn solid blue.
4. To initiate an intercom call, briefly press the Intercom button on either unit. To end, press it again.

5.4. Music Playback & Control

- **Play/Pause:** Briefly press the Multi-function button (often the Power button when not in pairing mode).
- **Next Track:** Press the Volume Up (+) button.
- **Previous Track:** Press the Volume Down (-) button.
- **Volume Adjustment:** Use the Volume Up (+) and Volume Down (-) buttons to adjust the volume.

5.5. FM Radio Function

- **Turn On/Off FM:** Press and hold a specific button (refer to the physical manual for exact button, typically a dedicated FM button or a long press combination).
- **Scan Channels:** Briefly press the Volume Up (+) or Volume Down (-) button to scan for the next/previous available station.

5.6. Sound Quality Adjustment

The T5Plus offers three sound effects: Bass Boost, Mid-range Boost, and Treble Boost. To switch between these modes, use the designated button or button combination (refer to the physical manual for exact instructions). Each press will cycle

through the available sound profiles.

6. Maintenance

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods. Avoid using rapid charging adapters that exceed the recommended voltage/current, as this can degrade battery performance over time.
- **Water Exposure:** While IP67 rated, avoid prolonged submersion or direct high-pressure water jets. Ensure charging port cover is securely closed.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound from earphones/mic, or sound from only one side.	Cable not fully inserted into the main unit.	1. Ensure the earphone/mic cable is firmly and completely inserted into the jack on the main unit. The jack may be stiff, so apply firm pressure. 2. Try unplugging and re-plugging the earphone cable several times.
Cannot pair with smartphone/intercom.	Device not in pairing mode; too far apart; interference.	1. Ensure the T5Plus is in pairing mode (flashing red/blue LED). 2. Bring devices closer together. 3. Turn off and on Bluetooth on your phone/intercom. 4. Reset the T5Plus unit (refer to manual for reset procedure, usually a long press of specific buttons).
Intercom connection drops frequently.	Out of range; obstacles; strong interference.	1. Stay within the 500m communication range. 2. Minimize obstacles between units. 3. Avoid areas with strong electromagnetic interference.
Poor sound quality / Noise.	Microphone placement; wind noise; speaker position.	1. Ensure microphone is positioned correctly and not picking up excessive wind noise. 2. Adjust speaker position inside helmet for optimal sound. 3. Try switching between the 3 sound quality adjustment modes.
Battery drains quickly.	Aging battery; frequent use; improper charging.	1. Ensure the unit is fully charged before use. 2. Avoid using non-standard charging adapters. 3. If battery degradation is significant after extended use, consider contacting support for replacement options.

8. Specifications

Feature	Detail
Model	T5Plus
Bluetooth Version	Bluetooth 5.2
Intercom Range	Up to 500m (obstacle-free)
Max Intercom Riders	2 riders
Battery Capacity	900mAh Lithium Polymer
Music Playback Time	Up to 30 hours
Talk Time	Up to 30 hours
Standby Time	Up to 600 hours
Charging Time	Approx. 1.5 hours
Waterproof Rating	IP67
Special Features	Dual Chip, Noise Reduction (CSR, CVC 12th Gen), 3 Sound Effects, Music Sharing, FM Radio, Voice Assistant Support
Weight	580 g (package weight)
Dimensions (Package)	20.3 x 10.9 x 8.9 cm

9. Warranty and Support

TNICER products are manufactured to high quality standards. For warranty information, technical support, or any inquiries regarding your T5Plus intercom, please refer to the warranty card included in your package or visit the official TNICER website. Please retain your proof of purchase for warranty claims.
For common issues, please refer to the troubleshooting section of this manual. If the problem persists, contact TNICER customer service for further assistance.

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