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TNICER T2

TNICER T2 Motorcycle Bluetooth Headset User Manual

Model: T2 | Brand: TNICER

1. Introduction

The TNICER T2 Motorcycle Bluetooth Headset is designed to provide seamless communication and high-quality audio for motorcyclists. Featuring advanced Bluetooth 5.2 technology, noise cancellation, and multi-rider intercom capabilities, the T2 enhances your riding experience by keeping you connected and entertained on the road. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.



Figure 1.1: TNICER T2 Main Unit

2. Key Features

- **Automatic Pairing:** Simplifies group communication with one-touch auto-pairing for up to six T2 units.
- **6-Way Intercom System:** Supports real-time communication among up to six riders with a maximum effective distance of 1000 meters between two motorcycles in open terrain.
- **Advanced Noise Reduction (CVC) & Hi-Fi Sound:** Equipped with CSR's CVC technology, high-power 40mm speakers, and a pro wind-noise-proof microphone, ensuring clear audio quality even at speeds up to 120 km/h.
- **Long-Lasting Battery:** Features a 900mAh Li-Polymer battery providing up to 25 hours of music playback, 20 hours of intercom time, and 600 hours of standby time.
- **Universal Compatibility:** Compatible with most helmet makes and models, and supports pairing with other brands of motorbike intercoms, smartphones, and GPS devices.
- **IP67 Waterproof & Dustproof:** Designed to withstand harsh weather conditions including dust, rain, storm, snow, and low temperatures (-15°F).



Figure 2.1: Advanced Bluetooth 5.2 and Hi-Fi Sound Quality

3. Package Contents

Upon opening the package, verify that all components are present:

- TNICER T2 Bluetooth Headset Unit
- HD Speakers (40mm)
- Boom Microphone (for open-face helmets)
- Soft Wire Microphone (for full-face helmets)
- Mounting Bracket (clip-on and adhesive options)
- USB Charging Cable
- User Manual
- Velcro Pads for Speakers and Microphone



Figure 3.1: Included Accessories

4. Setup Guide

4.1 Charging the Device

Before first use, fully charge the T2 headset. Connect the provided USB charging cable to the charging port on the headset and to a USB power source (e.g., computer, USB wall adapter). The LED indicator will show charging status and turn off when fully charged.

4.2 Installing the Headset on Your Helmet

The T2 offers two mounting options: a clip-on bracket or an adhesive bracket.

1. **Choose Mounting Location:** Select a flat surface on the left side of your helmet, near the bottom edge, where the headset will not obstruct your vision or movement.
2. **Install Mounting Bracket:**

- **Clip-on Bracket:** Slide the clip between the helmet shell and the inner padding. Ensure it is securely fastened.
- **Adhesive Bracket:** Clean the chosen area on the helmet thoroughly. Peel off the protective film from the adhesive pad and firmly press the bracket onto the helmet for at least 30 seconds. Allow 24 hours for the adhesive to cure before use.

3. **Attach Headset Unit:** Slide the T2 main unit onto the installed mounting bracket until it clicks securely into place.
4. **Install Speakers:** Place the speakers inside the helmet's ear pockets using the provided Velcro pads. Ensure they are positioned directly over your ears for optimal sound quality.
5. **Install Microphone:**
    - **Boom Microphone:** Attach to the inside of the helmet near your mouth, ensuring the microphone is close to your lips. Ideal for open-face or modular helmets.
    - **Soft Wire Microphone:** Route the wire inside the helmet's padding and attach the microphone to the chin bar area. Ideal for full-face helmets.
6. **Connect Cables:** Plug the speaker and microphone cables into the corresponding ports on the T2 main unit.



Figure 4.1: Headset Installation Diagram

5. Operating Instructions

5.1 Power On/Off

- **Power On:** Press and hold the Power Button for 3 seconds until the LED indicator lights up.
- **Power Off:** Press and hold the Power Button for 3 seconds until the LED indicator turns off.

5.2 Bluetooth Pairing (with Phone/GPS)

1. Ensure the T2 headset is powered off.
2. Press and hold the Power Button for approximately 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 available devices.
4. Select "TNICER T2" from the list. Once connected, the LED indicator will flash blue slowly.

5.3 Intercom Pairing (Group Communication)

The T2 supports automatic one-touch pairing for up to six units.

1. Ensure all T2 units are powered on and not connected to any other Bluetooth devices.
2. On one T2 unit (the host unit), press and hold the Intercom Button for 5 seconds until the LED flashes rapidly.
3. On the other T2 units, briefly press the Intercom Button. They will automatically search for and connect to the host unit.
4. Once connected, the LED indicators on all units will flash blue slowly, and you will hear a confirmation tone.



Figure 5.1: Support for 6 Riders Group Talking

5.4 Music Playback & Sharing

- **Play/Pause:** Briefly press the Multi-function Button.
- **Next Track:** Press the Volume Up button.
- **Previous Track:** Press the Volume Down button.
- **Music Sharing:** While playing music, press and hold the Multi-function Button for 2 seconds to share music with another paired T2 unit (within 30 meters).

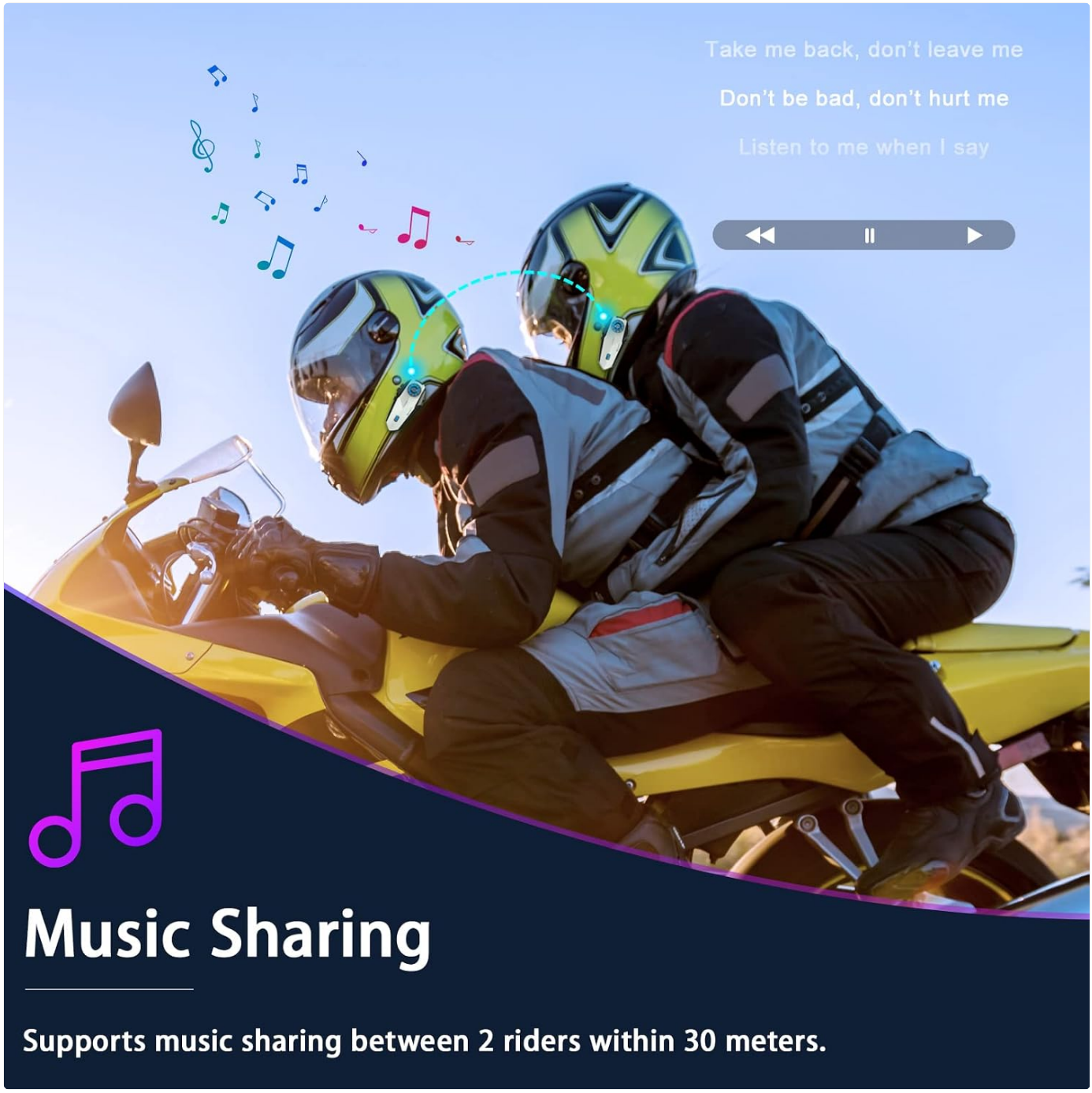


Figure 5.2: Music Sharing Functionality

5.5 Call Management

- **Answer Call:** Briefly press the Multi-function Button.
- **End Call:** Briefly press the Multi-function Button during a call.
- **Reject Call:** Press and hold the Multi-function Button for 2 seconds.
- **Voice Assistant:** Briefly press the Voice Assistant Button to activate your phone's voice assistant (Siri, Google Assistant).
- **Microphone Mute:** Briefly press the Microphone Mute Button to mute/unmute your microphone during a call or intercom conversation.

5.6 Volume Control

- **Increase Volume:** Briefly press the Volume Up button.
- **Decrease Volume:** Briefly press the Volume Down button.

6. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the headset unit. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if not used for extended periods. Store in a cool, dry place.
- **Storage:** When not in use, store the headset in a dry environment away from extreme temperatures.
- **Water Resistance:** While IP67 rated, avoid submerging the device in water for prolonged periods. Ensure all ports are securely closed before exposure to water.



Figure 6.1: IP67 Waterproof and Dustproof Design

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device fully. If unresponsive, perform a hard reset (refer to manufacturer's website if not in manual).
Cannot pair with phone/GPS.	Device not in pairing mode; Bluetooth off on phone; too many paired devices.	Ensure T2 is in pairing mode (flashing red/blue). Turn phone's Bluetooth off/on. Clear previous Bluetooth connections on both devices.
Intercom connection unstable or drops.	Out of range; obstacles; interference.	Ensure units are within 1000m line-of-sight. Reduce distance between riders. Avoid areas with high electromagnetic interference.
Poor sound quality / Noise.	Microphone/speakers improperly positioned; excessive wind noise; CVC not active.	Adjust speaker and microphone position. Ensure microphone is protected from direct wind. Check if CVC is enabled (automatic).
Short battery life.	Frequent use of intercom/music; aging battery; incomplete charging.	Ensure full charge cycles. Reduce continuous usage at high volumes. Battery degradation is normal over time.

8. Specifications

- **Model:** T2
- **Bluetooth Version:** 5.2
- **Intercom Range:** Up to 1000m (between 2 riders, open terrain)
- **Group Intercom:** Up to 6 riders
- **Battery Type:** Li-Polymer
- **Battery Capacity:** 900mAh
- **Music Playback Time:** Up to 25 hours
- **Intercom Time:** Up to 20 hours
- **Standby Time:** Up to 600 hours
- **Charging Time:** Approximately 2.5 hours
- **Water Resistance:** IP67
- **Operating Temperature:** -15°F to 120°F
- **Frequency Range:** 2.402 GHz - 2.480 GHz
- **Weight:** Approximately 13.1 ounces (unit only)

9. Warranty and Support

The TNICER T2 Motorcycle Bluetooth Headset comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official TNICER website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

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