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› FreedConn TCOM-SC Motorcycle Bluetooth Headset User Manual

FreedConn TCOM-SC

FreedConn TCOM-SC Motorcycle Bluetooth Headset

USER MANUAL

Introduction

The FreedConn TCOM-SC Motorcycle Bluetooth Headset is designed to provide clear and reliable communication for motorcyclists. This system allows for intercom communication between riders, hands-free phone calls, music streaming, and FM radio reception, enhancing your riding experience with convenience and safety. It features an LCD screen for easy status monitoring and supports Bluetooth 5.0 for stable connections.



Image: Two FreedConn TCOM-SC Bluetooth headset units with included hard and soft microphones and speakers, along with mounting accessories and a user manual.



Call



Bluetooth 3.0



Pair with phone



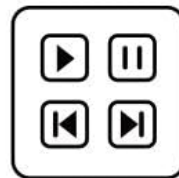
Stereo music
A2DP



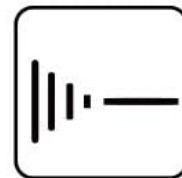
Multi-user Connectivity



FM Radio



Playback Control



Advanced Noise
Control

Image: Icons illustrating key features: Call, Bluetooth 3.0 (note: product is BT 5.0), Pair with phone, Stereo music A2DP, Multi-user Connectivity, FM Radio, Playback Control, and Advanced Noise Control.

Setup

1. Installation

The TCOM-SC unit can be mounted to most helmet types using either the screw clamp or the adhesive bracket. Choose the appropriate microphone (hard mic for modular/open-face helmets, soft mic for full-face helmets) and install the speakers inside the helmet's ear pockets.

- **Mounting the Unit:** Securely attach the main unit to the side of your helmet using the provided clamp or adhesive pad. Ensure it is positioned for easy access to controls.
- **Speaker and Microphone Placement:** Carefully route the speaker and microphone wires within the helmet liner. Position the speakers directly over your ears and the microphone in front of your mouth for optimal audio clarity.



Image: A close-up view of the FreedConn TCOM-SC unit mounted on the side of a motorcycle helmet, with a gloved hand adjusting the control dial.



Image: Illustration showing how the interchangeable hard boom mic and soft wired mic adapt to various helmet styles, including full-face, modular, and open-face helmets.

2. Initial Charging

Before first use, fully charge the device. Connect the USB charging cable to the unit and a compatible USB power adapter (not included). The LCD screen will indicate charging status.

3. Bluetooth Pairing (Phone)

1. Ensure the TCOM-SC unit is off.
2. Press and hold the power button until the LCD screen shows 'Pairing' or a similar indicator.
3. On your mobile phone, enable Bluetooth and search for 'FreedConn TCOM-SC'.
4. Select the device to pair. Once connected, the LCD screen will confirm successful pairing.

4. Intercom Pairing (Rider-to-Rider)

The TCOM-SC supports pairing with up to 3 riders, with 2 riders able to communicate simultaneously.

1. Ensure both units are off.
2. On both units, press and hold the power button until they enter intercom pairing mode (indicated on the LCD).
3. The units will automatically search and connect to each other.
4. Repeat the process for a third unit if desired.

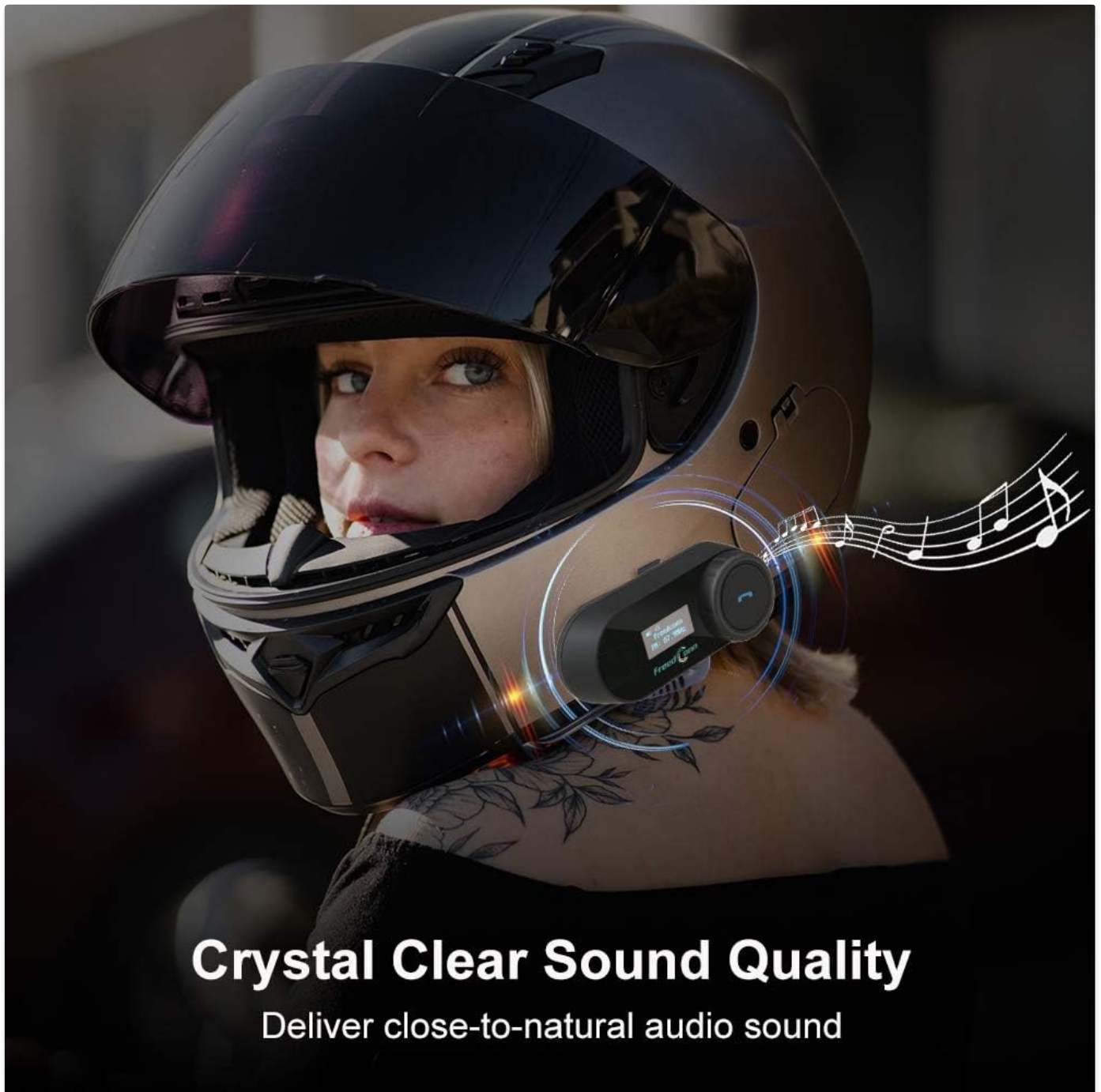


Image: Three riders on ATVs, with lines indicating 800m Bluetooth connection between two pairs of riders, demonstrating the 3-way conference intercom feature where 2 can talk at once.

Operating

Basic Controls

- **Power On/Off:** Press and hold the power button.
- **Volume Adjustment:** Rotate the large dial clockwise to increase volume, counter-clockwise to decrease.
- **Phone Calls:** Press the phone button to answer/end calls. Double-press to redial the last number.
- **Music Playback:** Press the phone button to play/pause music. Use the dial for track navigation (specific gestures may vary, refer to full manual).
- **FM Radio:** Press the FM button to activate/deactivate FM radio. Use the dial to scan frequencies.



Crystal Clear Sound Quality

Deliver close-to-natural audio sound

Image: A motorcyclist wearing a helmet with the FreedConn TCOM-SC unit attached, demonstrating its use while riding.

Intercom Communication

Once paired, initiate intercom communication by pressing the intercom button. The system supports full-duplex communication between two riders up to 800 meters (875 yards) in open terrain.

Music Sharing

The TCOM-SC BT5.0 version allows for music sharing between two paired units. Refer to the detailed manual for specific steps to activate this feature.

Voice Assistant

Trigger Siri or Google Assistant on your connected phone for convenient voice commands while riding.



Image: A close-up of the FreedConn TCOM-SC unit's LCD screen, displaying 'Freedconn' and 'FM: 87.9MHz', along with battery and connection icons.

Maintenance

Charging

Charge the unit using the provided USB cable. A full charge provides approximately 8 hours of intercom time and 120 hours of standby time. The LCD screen indicates battery level.

Cleaning

Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the charging port cover is securely closed to prevent water ingress.

Storage

Store the unit in a cool, dry place when not in use. For long-term storage, charge the battery to about 50% every few months to maintain battery health.

Water Resistance

The TCOM-SC is designed to be waterproof, sunscreen, and dustproof, making it suitable for various riding conditions.

However, avoid prolonged submersion or high-pressure water jets.

Waterproof, Sunscreen, Dustproof



Image: A rider wearing a helmet with the intercom unit, surrounded by musical notes and sound waves, illustrating crystal clear sound quality.

3-Way Conference Intercom

Support 3 Riders connect, 2 people talk at the same time.



Image: The FreedConn TCOM-SC unit being splashed with water, with two motorcyclists riding in the background, emphasizing its waterproof, sunscreen, and dustproof capabilities.

Troubleshooting

| Problem | Possible Cause | Solution |
|---|--|---|
| No sound from speakers / Only one speaker has sound / Sound cuts in and out | Loose speaker connection; Damaged speakers/cable. | Ensure speaker port is plugged in tightly. If issue persists, contact support for replacement speakers. |
| Cannot pair with phone/intercom | Incorrect pairing mode; Device already paired; Interference. | Ensure device is in pairing mode. Clear previous pairings if necessary. Move away from other Bluetooth devices. |

| Problem | Possible Cause | Solution |
|--------------------------|---|--|
| Short battery life | Battery not fully charged; Aging battery. | Ensure full charge before use. If battery life significantly degrades, contact support. |
| Missing USB charge cable | Cable misplaced or damaged. | Replacement cables can be purchased. For old version mini USB port cable, search for B06XWS8FHK. For new version 5PIN USB port, search for B092ZDTBYM. |

Specifications

- **Model Name:** TCOM-SC
- **Connectivity Technology:** Wireless, Bluetooth 5.0
- **Wireless Communication Technology:** Bluetooth
- **Intercom Range:** Up to 800 meters (875 yards)
- **Max Speed for Communication:** 120 km/h (75 mph)
- **Battery Life:** Up to 8 hours talk time, 120 hours standby time
- **Noise Control:** Hybrid Noise Cancellation (DSP noise cancellation technology)
- **Headphones Jack:** 5Pin Speakers and Microphone
- **Material:** Plastic
- **Item Weight:** 1.6 ounces
- **Product Dimensions:** 3.2 x 1.2 x 1 inches
- **Water Resistance Level:** Waterproof
- **Included Components:** 2 Pack TCOM-SC Bluetooth Motorcycle Headset with Accessory (Stereo Headphones with changeable hard mic and soft mic, Screw Driver, Sticky Clamp, Headsets Clip with Screws, USB Cable, User Manual, Felted Adhesive Earphone Pads)

Warranty and Support

FreedConn products are designed for durability and performance. For any issues, questions, or concerns regarding your TCOM-SC Bluetooth Headset, please contact FreedConn customer support directly. While specific warranty details are not provided in this manual, support is available for troubleshooting, replacement parts, or exchanges if a problem is confirmed.

Please refer to the official FreedConn website or your purchase documentation for the most up-to-date warranty information and contact details.