

FreedConn TCOMVB

FreedConn TCOM VB Motorcycle Bluetooth Headset Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FreedConn TCOM VB Motorcycle Bluetooth Headset. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Bluetooth Headset Unit
- 2-in-1 Soft & Hard Microphone Earphone Set
- Headphone Velcro Pads
- Hook Clip and Velcro Clip Mounting Bases
- Allen Key
- USB Charging Cable
- User Manual (this document)
- Gift Box



Image: The FreedConn TCOM VB package contents, including the headset, microphones, mounting clips, and cables.

PRODUCT FEATURES

- **Advanced Bluetooth 5.0:** Provides faster pairing, stable, and rapid data transmission.
- **Long-Distance Intercom:** Full-duplex intercom up to 800 meters, supporting simultaneous communication for two riders and pairing for up to three riders.
- **Music Sharing:** Allows two riders to enjoy the same music simultaneously.
- **Voice Assistant:** Easily manage device status and settings.
- **CVC Noise Reduction Technology:** Effectively filters environmental noise for clear communication.
- **Deep Bass Stereo Speakers:** Offers an immersive audio experience.
- **IP65 Waterproof and Dustproof:** Designed for stable operation in various weather conditions (avoid prolonged exposure to heavy rain at the charging port).
- **Long Battery Life:** 400mAh battery provides up to 300 hours standby time, 12 hours talk time, and 2.5 hours charging time.
- **Universal Compatibility:** Supports intercom with third-party brands and simultaneous connection to two mobile phones.

TCOM-VB PRODUCT FEATURES



Three riders Connection



Two riders duplex intercom



Bluetooth 5.0



Music Share



FM Radio



Advanced Noise Control



Stereo Music



Connect Phones



Individual Volume Control



Universal Pairing



Waterproof, Sunproof, Dustproof



Hard & soft microphone

Image: An overview of the FreedConn TCOM VB's key features, including Bluetooth 5.0, intercom capabilities, music sharing, and weather resistance.

INSTALLATION

The FreedConn TCOM VB headset offers flexible installation options to suit various helmet types. You can choose between a Velcro clip or a hook clip for mounting.

Mounting the Headset Unit

1. **Choose Mounting Method:** Decide whether to use the Velcro clip or the hook clip based on your helmet's design and your preference.
2. **Attach Mounting Base:** Secure the chosen mounting base to the side of your helmet. Ensure it is firmly attached and does not obstruct your vision or helmet functionality.
3. **Attach Headset Unit:** Slide the TCOM VB headset unit onto the installed mounting base until it clicks securely into place.

Installing Microphones and Speakers

The headset comes with a 2-in-1 soft and hard microphone earphone set, suitable for different helmet interiors.

1. **Speaker Placement:** Attach the speakers inside the helmet using the provided Velcro pads. Position them directly over your ears for optimal audio quality.
2. **Microphone Placement:** Choose the appropriate microphone (soft for full-face helmets, hard for open-face helmets). Position the microphone close to your mouth for clear voice transmission.
3. **Connect Cables:** Plug the speaker and microphone cables into the corresponding ports on the headset unit.



T-COM VB Can Be Used In Different Situations



Image: Visual guide demonstrating the steps to install the FreedConn TCOM VB headset onto a motorcycle helmet.

INITIAL SETUP AND PAIRING

Pairing with a Mobile Phone

To use your FreedConn TCOM VB headset for calls or music, you must first pair it with your mobile phone.

1. **Power On and Enter Pairing Mode:** Press and hold the power on button for approximately 3 to 4 seconds until the indicator light flashes alternately between red and blue. This indicates the device is in pairing mode.
2. **Enable Bluetooth on Phone:** On your mobile phone, go to the Bluetooth settings and ensure Bluetooth is enabled.
3. **Select 'T-COM' to Connect:** In the list of available Bluetooth devices on your phone, find and select "T-COM" to connect. If prompted, confirm the pairing.
4. **Confirmation:** Once successfully paired, the indicator light on the headset will typically show a steady blue light or flash blue slowly.

Video: This video demonstrates the process of pairing the FreedConn TCOM VB headset with a mobile phone, showing the indicator light behavior and phone screen interaction.

OPERATING INSTRUCTIONS

Intercom Pairing and Usage

The TCOM VB supports intercom communication between multiple riders.

Two-Rider Intercom Pairing

1. **Enter Pairing Mode:** On both headsets (A and B), press and hold the power button for 3-4 seconds until the indicator flashes red and blue.
2. **Initiate Pairing:** Press the power button on either headset (A or B) to start searching for the other device.
3. **Confirmation:** Once paired, the red and blue flashing will change to a blue flash. The devices are now connected for intercom.
4. **Exit Intercom:** To exit intercom status, press the power button on either device.

Three-Rider Intercom Pairing

To establish a three-way intercom, follow these steps carefully:

1. **Pair A with B:** First, pair headset A with headset B as described in the two-rider pairing section. After successful pairing, turn both A and B off.
2. **Pair A with C:** Next, pair headset A with headset C. After successful pairing, turn both A and C off.
3. **Pair B with C:** Then, turn on headsets B and C and pair them. After successful pairing, turn both B and C off.
4. **Activate Three-Way Intercom:** Turn on all three headsets (A, B, and C). Ensure they are all in "on" status.
5. **Connect A and C:** If A and C want to talk, first press the on/off button on C to disconnect it with B. Then, press the on/off button on A to enter intercom mode with C.
6. **Connect A and B:** If A and B want to talk, first press the on/off button on A to disconnect it with C. Then, double-press the on/off button on A to enter intercom mode with B.
7. **Connect B and C:** If B and C want to talk, first press the on/off button on B to disconnect it with A. Then, double-press the on/off button on B to enter intercom mode with C.
8. **Connect C and A:** If C and A want to talk, first double-press the on/off button on C to disconnect it with B. Then, double-press the on/off button on C to enter intercom mode with A.

Video: This video illustrates the detailed steps for pairing three FreedConn TCOM VB headsets for multi-rider intercom communication.

Pairing New and Old TCOM Versions

To pair a new Bluetooth 5.0 version (A) with an old Bluetooth 3.0 version (B) TCOM headset:

1. **Old Version Pairing Mode:** Long press the "B" button on the OLD version (B) for 8 seconds until you see the red and blue light flashing. You will hear a voice prompt "Beep".
2. **New Version Pairing Mode:** Hold down the power on/off button of the NEW version (A) for 2 seconds to start the machine. Then, hold down the multi-function button of A for 8 seconds to enter the pairing state. You will hear a voice prompt "pairing".
3. **Connect:** The devices will automatically connect. When you hear the "connected" prompt, A and B are successfully paired, and you can start talking.
4. **Stop Talking:** Click on the power on/off button of device A to stop talking between A and B.

Video: This video provides instructions on how to pair a new Bluetooth 5.0 FreedConn TCOM headset with an older Bluetooth 3.0 version.

Music Sharing

Music sharing is possible between two paired headsets. Ensure that only two headsets are paired and not a third TCOM unit. Exit intercom status after pairing for music sharing.

1. **Connect to Mobile:** Ensure both headsets are connected to their respective mobile phones and are playing

music.

2. **Initiate Sharing:** The rider who wishes to share their music should double-click the headset's multi-function button.
3. **Receive Shared Music:** The person receiving the shared music must stop their own music playback to hear the shared audio.
4. **Turn Off Sharing:** To stop music sharing, double-click the multi-function button on the headset that initiated the sharing.

Video: This video demonstrates how to share music between two FreedConn TCOM-SC Bluetooth helmet intercoms.

Phone Call Operations

Manage your phone calls directly from your headset.

- **Automatic Answer:** Incoming calls will be automatically answered if the phone rings for 15 seconds without any manual operation.
- **Answer Incoming Call:** Press the multi-function button to answer an incoming call.
- **Hang Up:** Press the multi-function button to hang up an active call.
- **Reject Incoming Call:** Long press the multi-function button for 3 seconds to reject an incoming call.
- **Redial Last Number:** Long press the multi-function button for 2 seconds to activate the last number redial.

Video: This video demonstrates various phone call operations with the FreedConn TCOM VB headset, including answering, hanging up, rejecting calls, and redialing.

Music Control

Control your music playback directly from the headset.

- **Play/Pause:** When music is playing, press the multi-function button to pause. Press it again to resume playback.
- **Volume Adjustment:** Rotate the jog wheel clockwise to increase volume and counter-clockwise to decrease volume.
- **Previous/Next Song:** Rotate the jog wheel clockwise or counter-clockwise to skip to the next or previous song.

FM Radio Operation

The TCOM VB includes a built-in FM radio.

- **Turn On/Off FM Radio:** Double-press the multi-function button to turn on the radio function. Double-press again to turn it off.
- **Volume Adjustment:** Rotate the jog wheel clockwise or counter-clockwise to adjust the FM radio volume.
- **Change Radio Channel:** Rotate the jog wheel clockwise or counter-clockwise to adjust the radio channel frequency.

Video: This video demonstrates the operation of the FM radio function on the FreedConn TCOM VB headset, including tuning and volume control.

MAINTENANCE

To ensure the longevity and optimal performance of your FreedConn TCOM VB headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the headset. Avoid using harsh chemicals or abrasive

cleaners.

- **Water Exposure:** While the device is IP65 water-resistant, avoid prolonged exposure to heavy rain, especially around the charging port, to prevent water ingress.
- **Storage:** Store the headset in a cool, dry place when not in use. Avoid extreme temperatures.
- **Charging:** Use only the provided USB charging cable. Do not overcharge the battery.

TROUBLESHOOTING

If you encounter issues with your FreedConn TCOM VB headset, refer to the following common solutions:

- **No Power:** Ensure the battery is charged. Connect the headset to a power source using the USB cable.
- **Cannot Pair:** Make sure both devices are in pairing mode (red and blue flashing). Ensure no other Bluetooth devices are interfering. Try turning off and on Bluetooth on your phone.
- **Intercom Disconnects:** Check the distance between the intercom units. Ensure there are no major obstructions. Re-pair the devices if necessary.
- **Poor Audio Quality:** Verify that speakers are correctly positioned over your ears and the microphone is close to your mouth. Check for any physical damage to cables or speakers.
- **No Sound from FM Radio:** Ensure the FM radio function is activated. Adjust the volume and try scanning for different channels.

SPECIFICATIONS

Feature	Detail
Model Name	TCOM VB
Bluetooth Version	5.0
Intercom Range	Up to 800 meters (2 riders talking)
Battery Capacity	400mAh
Talk Time	Up to 12 hours
Standby Time	Up to 300 hours
Charging Time	Approx. 2.5 hours
Water Resistance	IP65 (Water Resistant)
Noise Control	Active Noise Cancellation (CVC)
Connectivity Technology	Wireless (Bluetooth)
Item Weight	10.6 ounces (0.3 Kilograms)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official FreedConn website or contact your retailer. Keep your purchase receipt as proof of purchase.

