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FreedConn T-COMVB

FreedConn T-COMVB Bluetooth Helmet Headset User Manual

Model: T-COMVB

INTRODUCTION

The FreedConn T-COMVB Bluetooth Helmet Headset is designed to provide wireless communication for motorcyclists. This system allows for hands-free phone calls, music listening, FM radio, GPS voice prompts, and intercom communication between riders. It features Bluetooth 5.0 technology, noise cancellation, and a waterproof design for various riding conditions.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- FreedConn T-COMVB Bluetooth Headset Unit (x2 for 2-pack)
- Stereo Speakers
- Boom Microphone (for open-face/modular helmets)
- Soft-Wire Microphone (for full-face helmets)
- Helmet Mount Bracket (clip-on and adhesive options)
- USB Charging Cable
- User Manual
- Velcro Pads for Speakers and Microphone

Share the Same Music with Partner

* Only work between 2 latest version T-COMVB and TCOM-SC device



Image: Package contents for the FreedConn T-COMVB Bluetooth Helmet Headset 2-pack, showing all included accessories.

SETUP

1. Charging the Device

Before first use, fully charge the T-COMVB unit. Connect the USB charging cable to the headset's charging port and a USB power source. The indicator light will show charging status.

- **Charging Time:** Approximately 3-4 hours.
- **Battery Life:** Up to 7-8 hours of intercom, 10 hours of phone calls/music, 300 hours standby.



Image: Visual representation of the 400mAh battery capacity and estimated usage times for intercom, phone calls, and standby.

2. Microphone Selection

Choose the appropriate microphone for your helmet type:

- **Boom Microphone:** Recommended for open-face, half, and modular flip-up helmets.
- **Soft-Wire Microphone:** Recommended for full-face and off-road helmets.

Connect the chosen microphone and speakers to the corresponding ports on the headset unit.



Image: Illustration demonstrating the compatibility of boom and soft-wire microphones with various helmet styles.

3. Helmet Installation

Mount the T-COMVB unit to the side of your helmet using either the clip-on bracket or the adhesive bracket. Ensure the unit is securely attached and the speakers are positioned correctly inside the helmet for optimal audio.



Image: A FreedConn T-COMVB unit securely installed on the exterior of a motorcycle helmet.

OPERATING INSTRUCTIONS

1. Power On/Off

- **Power On:** Press and hold the Power button until the indicator light flashes.
- **Power Off:** Press and hold the Power button until the indicator light turns off.

2. Bluetooth Pairing (with Phone/GPS)

To connect your T-COMVB to a Bluetooth-enabled device (phone, GPS):

1. Ensure the T-COMVB is off.

2. Press and hold the Power button for approximately 5-7 seconds until the indicator light flashes red and blue alternately, indicating pairing mode.
3. On your phone or GPS, enable Bluetooth and search for available devices.
4. Select "FreedConn T-COMVB" from the list. If prompted, enter "0000" as the PIN.
5. Once paired, the indicator light will flash blue slowly.



Image: The T-COMVB headset demonstrating its Bluetooth 5.0 and universal connectivity with different devices and helmet types.

3. Intercom Communication (Rider to Rider)

The T-COMVB supports intercom communication with other T-COMVB or TCOM-SC units.

1. Ensure both units are powered on and not connected to other Bluetooth devices.
2. On one unit, press and hold the Intercom button until the indicator light flashes red and blue alternately.
3. On the second unit, press the Intercom button once.
4. The units will automatically search and pair. Once connected, the indicator lights will flash blue slowly.
5. To initiate intercom, press the Intercom button once. To end, press it again.

4. Music Playback and Sharing

Once paired with your phone, you can play music. Music sharing is supported between two latest version T-COMVB and TCOM-SC devices.

- **Play/Pause:** Press the Multi-function button once.
- **Next Track:** Rotate the Multi-function button clockwise.
- **Previous Track:** Rotate the Multi-function button counter-clockwise.
- **Music Sharing:** While music is playing, press and hold the Intercom button on both units to initiate music sharing.



Image: Two riders sharing music through their FreedConn T-COMVB headsets, highlighting the music sharing feature.

5. FM Radio

To activate the built-in FM radio:

- **Turn On FM:** Press the FM button once.
- **Scan Channels:** Rotate the Multi-function button to scan for stations.
- **Turn Off FM:** Press the FM button again.

6. Phone Calls

When paired with your phone, the T-COMVB allows for hands-free calls.

- **Answer Call:** Press the Multi-function button once.
- **End Call:** Press the Multi-function button once during a call.
- **Reject Call:** Press and hold the Multi-function button for 2 seconds.
- **Redial Last Number:** Double-press the Multi-function button.
- **Voice Assistant (Siri/Google Voice):** Press the Voice Assistant button to activate your phone's voice assistant.



Image: Icons representing voice assistant activation (Siri, Google Voice) for hands-free calling functionality.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the unit. Do not use harsh chemicals or solvents.
- **Water Resistance:** The unit is waterproof, but avoid submerging it in water. Ensure all ports are securely closed when exposed to rain.
- **Battery Care:** If the device is not used for an extended period, charge it at least once a month to preserve battery life.



Image: The FreedConn T-COMVB headset on a helmet, illustrating its waterproof feature in rainy conditions.

TROUBLESHOOTING

- **No Power:** Ensure the unit is fully charged. Connect to a power source and check the charging indicator.
- **Cannot Pair Bluetooth:** Ensure the unit is in pairing mode (red and blue flashing light). Make sure other Bluetooth devices are disconnected. Try restarting both the headset and your phone/GPS.
- **No Sound from Speakers:** Check that the speakers are securely plugged into the headset unit. Ensure volume is not set to minimum.
- **Intercom Not Connecting:** Ensure both units are T-COMVB or TCOM-SC models and are in intercom pairing mode. Keep units within range (up to 800 meters).
- **Poor Audio Quality/Noise:** Ensure the microphone is positioned correctly, close to your mouth. The T-COMVB features advanced noise cancellation technology.



Image: A visual representation of the advanced noise cancellation technology, demonstrating its effect on sound quality.

SPECIFICATIONS

Model	T-COMVB
Bluetooth Version	5.0 + EDR
Intercom Range	Up to 800 meters (2-3 riders)
Battery Capacity	400mAh
Charging Time	3-4 hours
Intercom Time	7-8 hours
Phone Call/Music Time	10 hours
Standby Time	300 hours
Water Resistance	Waterproof
Control Method	Voice, Manual Buttons
Special Features	Microphone Included, Noise Cancellation, FM Radio
Material	Polymer
Item Weight	Approximately 1.15 pounds (for 2 units)

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official FreedConn website. Keep your proof of purchase for warranty claims.

