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FreedConn 711301105829

FreedConn T-COMSC Motorcycle Helmet Bluetooth Intercom User Manual

Model: 711301105829 | Brand: FreedConn

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your FreedConn T-COMSC Motorcycle Helmet Bluetooth Intercom Headset. Please read this manual thoroughly before using the device to ensure proper function and safety. The T-COMSC is designed to provide high-speed, convenient communication for motorcyclists, supporting features like Bluetooth connectivity, intercom for multiple riders, FM radio, and hands-free calling.

PRODUCT OVERVIEW AND COMPONENTS

The FreedConn T-COMSC is a versatile Bluetooth intercom system for motorcycle helmets. It features an LCD screen for easy operation and supports various functions for an enhanced riding experience.



Figure 1: FreedConn T-COMSC main unit with attached speakers and microphone.

Key Features:

- **Powerful Connectivity:** Supports speeds up to 120km/h (75mph) and a maximum distance of 800m (875 yards) in open space.
- **Multi-Rider Intercom:** Allows 3 riders to pair and 2 riders to intercom simultaneously.
- **LCD Screen:** Displays information for convenient operation.
- **Multimedia Functions:** FM Radio, MP3 player connectivity, A2DP for cell phone music.
- **Call Management:** Call out, answer, reject, hang up, and last number redialing.
- **Advanced Audio:** DSP echo cancellation and noise suppression for clear voice quality at high speeds.
- **Durability:** Water-proof and sun-proof design.
- **Universal Fit:** Compatible with various helmet types (open/full/half face).
- **Updated Charging Port:** 5-pin USB charging port for convenience and stable voice quality (2021 Version).

TCOM-SC PRODUCT FEATURES



Figure 2: Overview of T-COMSC product features including connectivity, music, and call functions.

What's in the Box:

- Motorcycle Intercom Unit
- Flexible & Soft Mic Speaker
- Microphone Sticker
- Hook Clip and Velcro Clip
- Screw Driver
- Speaker Sticker
- USB Cable
- User Manual



Figure 3: Contents of the product package and a visual guide to easy installation.

SETUP AND INSTALLATION

The FreedConn T-COMSC is designed for easy installation on most motorcycle helmets. Follow these steps to set up your device:

1. Choose Mounting Method:

- For helmets with a thick edge, use the **Secro pad clip**.
- For helmets with a thin edge, use the **Screw-clip**.

2. Attach the Intercom Unit: Securely attach the main intercom unit to the side of your helmet using the chosen clip.

3. Install Speakers: Place the stereo ear speakers inside the helmet's ear pockets. Use the provided speaker stickers to secure them. Ensure they are positioned directly over your ears for optimal sound quality.

4. Install Microphone:

- The headset includes both hard and soft cable microphones. Choose the one suitable for your helmet type (e.g., hard mic for open-face, soft mic for full-face).
- Attach the microphone to the inside of the helmet near your mouth using the microphone sticker.

5. Connect Cables: Plug the speaker and microphone cables into the corresponding ports on the intercom unit.



T-COM VB SC

BT. Version: 5.0+EDR
 Frequency: 2.4 GHZ
 Weight: 45g
 Size: 81mmx31mmx25mm
 Standby: 2 weeks
 Intercom Time: 5 hours
 Phone Talking : 10 hours
 Travel Adaptor: DC 5V 1A
 Battery Type: Rechargeable Lithium
 Battery Material: Lithium Ion Polymer
 Battery Model: 502533
 Capacity: 400 mAh
 Voltage: 3.7V
 Power: 1.48 WH

Product Item/Model	T-COM SC Bluetooth Intercom Headset	MADE IN CHINA
Manufacturer	SHENZHEN PDC Electronics CO.LTD 107,14 Building Libu Garden Buji Street, Longgang District, Shenzhen, Guangdong, China qsportpeak@hotmail.com	Brand
	Company APEX CE SPECIALISTS LIMITED Address: UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK, NEW MALLOW ROAD, CORK, T23AT2P, IRELAND (E-mail: info@apex-ce.de)	FreedConn
EC REP		
Warning	Don't throw the product into fire or dispose of it indiscriminately and keep it away from high temperatures.	
Warnung	Bitte werfen Sie das Produkt nicht ins Feuer oder entsorgen Sie es wahllos und halten Sie es von hohen Temperaturen fern.	
Avertissement	Ne pas jeter le produit au feu ou le mettre au rebut sans discernement et le tenir à l'écart des températures élevées.	
Avvertenze	Non gettare il prodotto nel fuoco o smaltirlo indiscriminatamente e tenerlo lontano da temperatura elevate.	
Advertencia	No tire el producto al fuego ni lo deseche indiscriminadamente y manténgalo alejado de altas temperaturas.	
Waarschuwing	Gooi het product niet in het vuur, gooi het niet weg en houd het uit de buurt van hoge temperaturen.	

UK CA CE IC BQB FC ROHS

Figure 4: The T-COMSC is suitable for various helmet types, offering both hard and soft microphone options for optimal fit.

TECHNICAL SPECIFICATIONS

Frequency: 2.4GHz

Weight: 45grams (excluding accessories)

Size: 81 mm (L) x 31 mm (W) x 25mm (H)

Charging Time : About 2 . 5 hours

Battery information

Battery Type: Rechargeable Lithium poiymmer Battery

Battery model: 502533

Capacity: 400mAh

Talking Time: — Phone:Up to 10hours

— Intercom:Up to 8 hours

Power Adaptor: DC 5V 500mA

Stand by: Up to 300 hours

Battery material: Lithium ion polymer

Voltage: 3.7V

Power: 1. 48WH

PRODUCT STRUCTURE



Figure 5: The headset comes with both hard and soft cable microphones to accommodate different helmet designs.

OPERATING INSTRUCTIONS

Power On/Off:

- **Power On:** Press and hold the Power/Intercom Button until the LCD screen illuminates.
- **Power Off:** Press and hold the Power/Intercom Button until the LCD screen turns off.

Bluetooth Pairing with Cellphone:

To connect your T-COMSC to your mobile phone via Bluetooth:

1. Ensure the T-COMSC is powered off.
2. On your phone, enable Bluetooth.
3. On the T-COMSC, press and hold the Multi-function Button until the LCD screen shows "PARING".
4. On your phone, search for Bluetooth devices and select "T-COM" to pair.

5. Once connected, the LCD screen will indicate successful pairing.

Your browser does not support the video tag.

Video 1: Detailed guide on how to operate the FreedConn T-COMSC, including pairing with a cellphone, adjusting volume, and managing calls.

Volume Adjustment:

Adjust the volume of music or calls using the Jog Wheel:

- **Volume Up:** Turn the Jog Wheel anti-clockwise and hold until the desired volume level is reached.
- **Volume Down:** Turn the Jog Wheel clockwise and hold until the desired volume level is reached.

Music Playback:

- **Play/Pause:** Press the Multi-function Button once.
- **Next Song:** Turn the Jog Wheel clockwise.
- **Previous Song:** Turn the Jog Wheel counter-clockwise.

Call Management:

- **Auto Answering Call:** The incoming call will answer automatically after 15 seconds. You can also press the Multi-function Button once to answer immediately.
- **Hang Up Call:** Press the Multi-function Button once to end the call.
- **Reject Call:** Press and hold the Multi-function Button for 2 seconds to reject an incoming call.
- **Redial Last Number:** Press and hold the Multi-function Button for 2 seconds until you hear a "bee" sound, then release your finger.

Intercom Pairing:

The T-COMSC supports intercom communication between multiple units.

Pairing Between Two T-COMSC Units:

1. Ensure both T-COMSC units are powered off.
2. On both units, press and hold the "on/off" and "intercom" buttons simultaneously for 8 seconds until the display shows "PARING".
3. Quickly press the "on/off" button on either T-COMSC unit. It will search for the other T-COMSC for pairing. The display will show "ICOM PARING".
4. When the display shows "INTERCOM", pairing is complete.

Pairing Between Three T-COMSC Units (A, B, C):

1. Firstly, pair device A and B. After successful pairing, turn off both A and B.
2. Secondly, pair device A and C. After successful pairing, turn off both C and A.
3. At last, pair device B and C. After successful pairing, turn on A.
4. To initiate intercom calls:
 - From A: Press on/off and intercom button 1 time to call C, and 2 times to call B.
 - From B: Press on/off and intercom button 1 time to call C, and 2 times to call A.
 - From C: Press on/off and intercom button 1 time to call A, and 2 times to call B.

MAINTENANCE

- Keep the device clean and dry. Wipe with a soft, damp cloth.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to disassemble or repair the unit yourself. This will void the warranty.
- Charge the device regularly, especially if not used for extended periods, to maintain battery health.

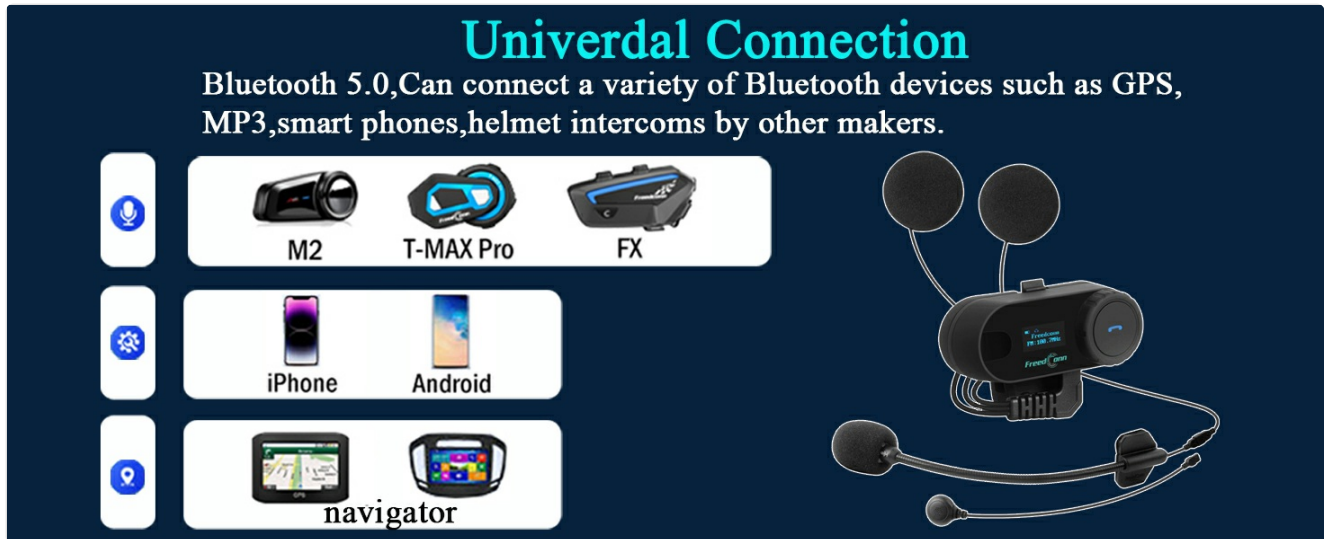


Figure 6: The T-COMSC features a water-resistant design, protecting it from rain and dust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power button not held long enough.	Charge the device fully; Press and hold the Power/Intercom button for 3 seconds.
Cannot pair with phone.	Bluetooth not enabled on phone; Device not in pairing mode; Too far from phone.	Ensure phone Bluetooth is on; Put T-COMSC in pairing mode (hold Multi-function button); Keep devices within 1 meter during pairing.
Intercom not connecting.	Units not in pairing mode; Incorrect pairing sequence; Out of range.	Follow intercom pairing steps carefully; Ensure units are within 800m in open space.
Poor audio quality.	Speakers/microphone not positioned correctly; High wind noise; Volume too low/high.	Adjust speaker/mic position; Ensure helmet is properly sealed; Adjust volume.

SPECIFICATIONS

Feature	Detail
Model Name	711301105829
Bluetooth Version	3.0
Frequency Response	2.4 GHz
Intercom Distance	Up to 800m (875 yards) in open space
Max Speed	120km/h (75mph)
Battery Type	Lithium Ion (400mAh)
Phone Calling Time	Up to 10 hours
Intercom Time	Up to 8 hours
Charging Time	Approx. 2.5 hours
Standby Time	Up to 300 hours
Water Resistance Level	Water Resistant
Item Weight	45 Grams (excluding accessories)
Product Dimensions	4.53 x 6.5 x 1.77 inches

Suitable For Different Helmets



Secro pad clip is suitable for the helmets with thick edge



Screw-clip is suitable for the helmets with thin edge

NEW



Hard & Soft microphone into one microphone is suitable for the open-face helmet and full-face helmet.

OLD



Hard microphone is suitable for the open-face helmet.



Soft microphone is suitable for the full-face helmet.



Full face Helmet



Half-face Helmet



Open-face Helmet



3/4-face Helmet



Motocross Helmet



Retro Helmet

Figure 7: Detailed technical specifications and a diagram showing the components of the T-COMSC unit.

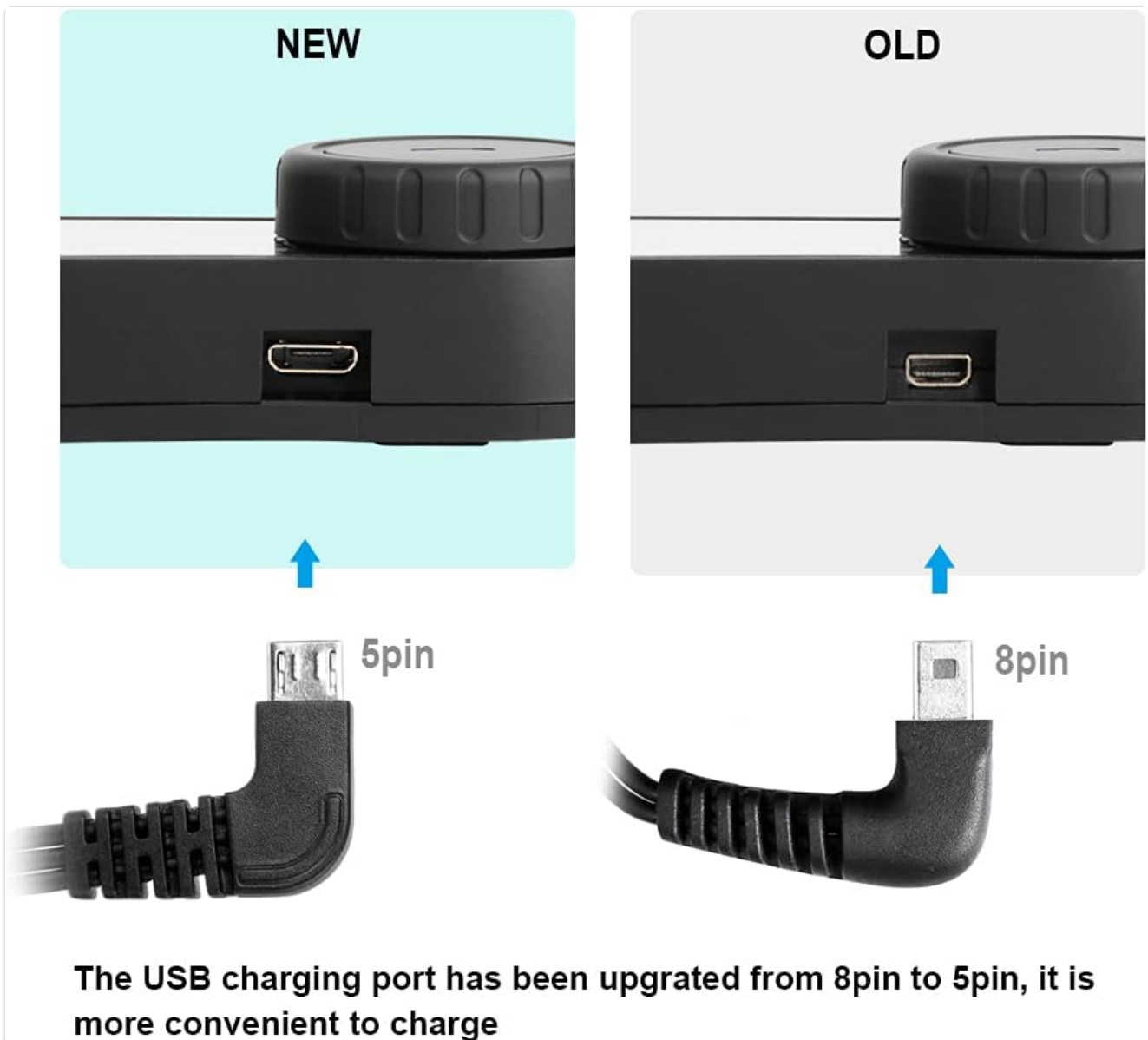


Figure 8: Battery performance details, including phone calling time, intercom time, charging time, and standby time.

WARRANTY AND SUPPORT

FreedConn products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact FreedConn customer service through their official website or the contact information provided in your product documentation.

Note: Unauthorized disassembly or modification of the product may void the warranty.