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[› BETOWEY BT-S3 Bluetooth Motorcycle Intercom System User Manual](#)

BETOWEY BT-S3

BETOWEY BT-S3 Bluetooth Motorcycle Intercom System User Manual

Model: BT-S3



Image: BETOWEY BT-S3 Bluetooth Motorcycle Intercom System mounted on a helmet, highlighting its features.

INTRODUCTION

The BETOWEY BT-S3 is a versatile Bluetooth intercom system designed for motorcycle and ski helmets, providing hands-free communication, music playback, and GPS navigation. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user safety.



Image: Two BETOWEY BT-S3 intercom units, showcasing their compact design and integrated controls.

PRODUCT FEATURES

- **Bluetooth V5.0:** Enhanced connectivity, clarity, and voice assistant functionality. Compatible with BT-S2/S3 and most other intercom brands.
- **Motorcycle Intercom:** Supports wireless intercom mode for rider-to-rider or rider-to-passenger communication. Up to 1000m range and 120 km/h speed. Connects up to 3 intercoms, with 2 communicating simultaneously.
- **Hands-Free Kit:** Make/receive calls, listen to stereo music, FM radio, or GPS navigation wirelessly. Includes a 2.5mm audio jack for wired connection to MP3, GPS, or walkie-talkie.
- **Enhanced Riding Experience:** Solid waterproof function (sweat, water, rain resistant). Advanced DSP noise reduction technology blocks background noise. Seamless switching between calls, intercom, and music.
- **Easy to Use:** Includes a hard microphone. Suitable for most full-face and half-face helmets. Glove-friendly operation. Two mounting systems: clip with screws and Velcro.
- **Long Talk Time:** Up to 10 hours of talk time.
- **Battery Level Prompt:** Provides audio prompts for battery status.

NEW VERSION PRODUCT FEATURES



3-Way
Intercom



Bluetooth
5.0



Range 1000m



Voice
Assistant



Talk Time
10h



Waterproof



FM Radio



Battery
Level Prompt

Image: Visual representation of the BT-S3's key features, including intercom capabilities, Bluetooth version, range, talk time, and weather resistance.

PACKAGE CONTENTS

Please check the package contents upon unboxing:

- 2 x BT-S3 Intercom Units
- 2 x Headsets with Microphones (Boom Mic)
- 2 x Helmet Clamp Units with Screws
- 2 x Velcro Pads
- 1 x User Manual
- 2 x USB Charging Cables
- 2 x Audio Cables (2.5mm to 3.5mm)
- 2 x Wrenches



Image: A comprehensive diagram illustrating all items included in the BT-S3 product package.

SETUP AND INSTALLATION

1. Charging the Device

Before first use, fully charge the BT-S3 unit. Connect the provided USB charging cable to the charging/microphone jack on the intercom unit and to a USB power source. The LED indicator will show charging status.

2. Installing the Intercom Unit on the Helmet

The BT-S3 offers two installation methods:

- **Clip Mount:** Secure the clamp unit to the edge of your helmet using the screws and wrench. Ensure it is firmly attached.
- **Velcro Mount:** Attach the Velcro pad to a flat surface on your helmet. Then, press the intercom unit onto the Velcro.

Choose the method that best suits your helmet type and preference. Ensure the unit is positioned for easy access to controls.



2*Intercom



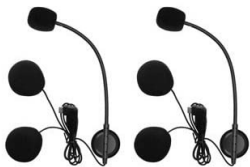
2*Clamp Unit



2*Velcro Pad



2*Wrench



2*Microphone



2*USB Cable



2*Audio Cable



1*User Manual

Image: A rider demonstrating the BT-S3 intercom mounted on a helmet, illustrating practical installation.

3. Connecting Headset and Microphone

Insert the headset and microphone cable into the designated jack on the intercom unit. Ensure the connection is secure. Position the earpieces inside the helmet so they are aligned with your ears for optimal sound. Position the boom microphone close to your mouth for clear voice transmission.



Image: A detailed diagram of the BT-S3 unit, clearly labeling all buttons, ports, and connected components like earpieces and microphone.

4. Correct Cable Orientation

It is crucial to install the headset cable correctly. Refer to the diagram below for the right and wrong way to connect the cable to ensure proper audio quality.

Please install in right way.



New Version



Type-C USB



Boom Mic

Image: A visual guide demonstrating the proper orientation for connecting the headset cable to the intercom unit, along with an image of the Type-C USB port and boom mic.

OPERATING INSTRUCTIONS

1. Power On/Off

- **Power On:** Press and hold the Power/Intercom Button until the LED indicator lights up.
- **Power Off:** Press and hold the Power/Intercom Button until the LED indicator turns off.

2. Bluetooth Pairing (Phone)

- With the unit off, press and hold the Power/Intercom Button until the LED flashes red and blue alternately, indicating pairing mode.
- On your mobile phone, enable Bluetooth and search for "BT-S3NS" (or "BT-S3" for older versions).
- Select the device to pair. Once connected, the LED will flash blue slowly.

3. Intercom Communication

The BT-S3 supports communication between up to 3 units, with 2 communicating simultaneously.

- **Pairing Intercoms:** Ensure both units are off. On both units, press and hold the Power/Intercom Button until they enter pairing mode (red and blue flashing). Briefly press the Power/Intercom Button on one unit to initiate pairing. Once paired, the LEDs will flash blue slowly. Repeat for a third unit if desired.
- **Initiating Intercom Call:** Briefly press the Power/Intercom Button on your unit to start an intercom conversation with a paired unit.
- **Ending Intercom Call:** Briefly press the Power/Intercom Button again to end the intercom conversation.

3 Riders Pair, 2 Riders Talk

Bluetooth 5.0 ensures faster and more stable connection



Image: Three motorcyclists on the road, visually representing the BT-S3's multi-rider intercom capability.

4. Phone Call Functions

- **Answer Call:** Briefly press the Phone Button.
- **Reject Call:** Press and hold the Phone Button for 2 seconds.
- **Redial Last Number:** Double-press the Phone Button.

5. Music Playback

- **Play/Pause:** Briefly press the Phone Button.

- **Next Track:** Briefly press the Volume Up/Next Track button.
- **Previous Track:** Briefly press the Volume Down/Pre Track button.

6. FM Radio

- **Turn On/Off FM Radio:** Press and hold the Volume Up/Next Track button for 2 seconds to turn on the FM radio. Press and hold again to turn off.
- **Scan Stations:** Briefly press the Volume Up/Next Track or Volume Down/Pre Track button to scan for the next/previous available station.



Image: A visual representation of the FM radio function, displaying a sample frequency.

7. Voice Assistant

- **Activate Voice Assistant:** Double-press the Power/Intercom Button to activate your phone's voice assistant (e.g., Siri, Google Assistant).

8. Volume Control

- **Increase Volume:** Press the Volume Up/Next Track button.
- **Decrease Volume:** Press the Volume Down/Pre Track button.



Image: A motorcyclist on the road, illustrating the BT-S3's ability to connect with GPS devices, mobile phones, and other Bluetooth intercoms.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the unit. Do not use harsh chemicals or abrasive cleaners.
- **Water Resistance:** The unit is waterproof and resistant to sweat, water, and rain. However, avoid submerging it in water. Ensure the charging port cover is securely closed when not charging.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the unit regularly, especially if not used for extended periods.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.



Image: A visual representation of the battery level indicator on the BT-S3, showing different charge levels.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Low battery	Charge the unit fully.
Cannot pair with phone/intercom	Not in pairing mode; too far apart; interference	Ensure unit is in pairing mode (flashing red/blue). Move closer. Restart devices.
Poor audio quality / No sound	Headset/microphone not connected correctly; volume too low; earpieces misaligned	Check headset connection (refer to setup section). Adjust volume. Reposition earpieces. Ensure microphone is close to mouth.
Intercom range is short	Obstructions (buildings, terrain); environmental interference	Range can vary based on environment. Try to maintain line of sight.
FM radio reception is poor	Weak signal in area	Move to an area with better signal.

SPECIFICATIONS

Feature	Detail
Model Number	BT-S3

Feature	Detail
Bluetooth Version	V5.0
Intercom Range	Up to 1000 meters (line of sight)
Max Speed for Intercom	120 km/h
Intercom Connections	Supports 3 riders, 2 simultaneous conversations
Battery Type	Lithium-polymer
Talk Time	Approx. 10 hours
Water Resistance Level	Waterproof
Noise Cancellation	DSP Noise Reduction
Connectivity Technology	Wireless (Bluetooth)
Headphone Jack	USB (for charging/mic), 2.5mm audio jack
Material	Plastic
Frequency Range	20 Hz - 20,000 Hz

WARRANTY AND SUPPORT

The BETOWEY BT-S3 comes with a **2-year manufacturer's warranty**. For any support inquiries, technical assistance, or warranty claims, please contact BETOWEY UK, the seller, or refer to the contact information provided with your purchase documentation.

Manufacturer: Victory Technology