

BETOWEY BT-S2

BETOWEY BT-S2 Motorcycle Bluetooth Intercom User Manual

Model: BT-S2 | Brand: BETOWEY

INTRODUCTION

Thank you for choosing the BETOWEY BT-S2 Motorcycle Bluetooth Intercom. This device is designed to provide clear and reliable communication for motorcyclists, enhancing safety and convenience on the road. It supports intercom functionality for up to 3 riders (2 simultaneous talkers), hands-free calling, music streaming, GPS voice instructions, and FM radio. This manual will guide you through the installation, operation, and maintenance of your BT-S2 intercom.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 2x BT-S2 Motorcycle Intercom Units
- 2x Headsets with Microphones (Hard Microphone for full-face helmets)
- 2x USB Charging Cables
- 4x Adhesive Pads
- 2x Allen Keys
- 2x Helmet Clips with Fixing Screws
- 2x Audio Cables
- 1x User Manual



Figure 1: BT-S2 Package Contents

PRODUCT OVERVIEW

Familiarize yourself with the components and controls of the BT-S2 intercom unit.



Figure 2: BT-S2 Intercom Unit Components

- **Earpiece:** Audio output for communication and media.
- **Microphone:** Captures your voice for communication.

- **Volume Up/Next Track Button:** Increases volume or skips to the next track.
- **Phone Button:** Manages phone calls.
- **Charging/Microphone Jack:** Port for charging and connecting the microphone.
- **Power/Intercom Button:** Powers the unit on/off and initiates intercom communication.
- **LED Indicator:** Displays device status (pairing, charging, power).
- **Volume Down/Previous Track Button:** Decreases volume or goes to the previous track.

SETUP AND INSTALLATION

Proper installation ensures optimal performance and comfort.

1. Mounting the Intercom Unit:

- Attach the helmet clip to the side of your helmet using the provided screws or adhesive pad. Ensure it is securely fastened.
- Slide the BT-S2 intercom unit onto the mounted clip until it clicks into place.

2. Installing the Headset and Microphone:

- Open the helmet's inner lining.
- Place the earpieces inside the helmet, aligning them with your ears. Use the adhesive pads if necessary to secure them.
- Position the hard microphone in front of your mouth, ensuring it is close enough for clear voice capture but does not obstruct your vision or comfort.
- Route the cables neatly under the helmet lining to avoid interference and ensure comfort.
- Connect the headset cable to the Charging/Microphone Jack on the intercom unit.

3. Microphone Connection:

Ensure the microphone is inserted in the correct direction into the charging/microphone jack. Incorrect insertion may result in low audio volume.

Please insert the microphone in right direction, or the volumn will be low.

Right



YES

Wrong



NO

Figure 3: Correct Microphone Insertion



Figure 4: Intercom Unit Mounted on Helmet

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Press and hold the Power/Intercom Button for approximately 3 seconds until the LED indicator flashes blue.
- **Power Off:** Press and hold the Power/Intercom Button for approximately 5 seconds until the LED indicator flashes red and the unit powers off.

Bluetooth Pairing with Mobile Phone

1. Ensure the BT-S2 is powered off.
2. Press and hold the Power/Intercom Button for about 5-7 seconds until the LED indicator flashes red and blue alternately. This indicates pairing mode.
3. On your mobile phone, enable Bluetooth and search for new devices.
4. Select "BT-S2NS" (or "BT-S2" for older versions) from the list of available devices.

5. Once paired, the LED indicator will flash blue slowly.

Intercom Communication

The BT-S2 supports pairing with up to 3 riders, with 2 riders communicating simultaneously. The maximum intercom distance is up to 1000 meters in open terrain.



Figure 5: Intercom Range and Capacity

1. Pairing Two Intercom Units:

- Ensure both BT-S2 units are powered off.
- On both units, press and hold the Power/Intercom Button for about 5-7 seconds until the LED indicators flash red and blue alternately.
- Briefly press the Power/Intercom Button on one of the units. The units will search for each other and pair automatically.
- Once paired, the LED indicators will flash blue slowly, and you will hear a confirmation tone.

2. Pairing Three Intercom Units:

- Pair Unit 1 with Unit 2 as described above.
- Power off Unit 2.
- Pair Unit 1 with Unit 3 (ensure Unit 2 is off during this step).
- Power on Unit 2.
- To initiate a 3-way intercom, briefly press the Power/Intercom Button on Unit 1.

3. Initiating/Ending Intercom Call:

- Briefly press the Power/Intercom Button to start an intercom conversation.
- Briefly press the Power/Intercom Button again to end the intercom conversation.

Phone Calls

- **Answer Call:** Briefly press the Phone Button.
- **End 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.

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/Previous Track Button.

FM Radio

- **Turn On/Off FM Radio:** Double-press the Power/Intercom Button.
- **Scan Channels:** Briefly press the Volume Up/Next Track or Volume Down/Previous Track Button to change stations.

Volume Adjustment

- **Increase Volume:** Press and hold the Volume Up/Next Track Button.
- **Decrease Volume:** Press and hold the Volume Down/Previous Track Button.

Voice Assistant

The BT-S2 supports voice assistant functionality (e.g., Siri, Google Assistant).

- **Activate Voice Assistant:** Briefly press the Phone Button twice.



Figure 6: Voice Assistant Activation

MAINTENANCE

- **Cleaning:** Wipe the intercom unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Water Resistance:** The unit is waterproof, but avoid submerging it in water for extended periods. Ensure the

charging port cover is securely closed.

- **Charging:** Charge the unit using the provided USB cable. The LED indicator will be red during charging and turn blue when fully charged.



Figure 7: Battery Level Indication

- **Storage:** Store the device in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Low battery	Charge the unit for at least 3 hours.
No sound from speakers	Speakers not connected properly; Volume too low; Microphone inserted incorrectly.	Check speaker connections; Increase volume; Ensure microphone is inserted correctly (refer to Figure 3).
Cannot pair with phone/intercom	Not in pairing mode; Devices too far apart; Interference.	Ensure unit is in pairing mode (flashing red/blue); Bring devices closer; Try pairing in an area with less electronic interference.
Intercom connection drops frequently	Out of range; Obstructions; Low battery.	Stay within 1000m range; Avoid large obstructions; Ensure units are fully charged.
Poor audio quality / Noise	Microphone position; Wind noise; DSP not active.	Adjust microphone position; Ensure wind noise reduction features are active; The BT-S2 features DSP noise cancellation for clear audio.

SPECIFICATIONS

Feature	Detail
Model Name	BT-S2
Brand	BETOWEY
Bluetooth Version	5.0
Bluetooth Range	Up to 10 meters (phone connection)
Intercom Range	Up to 1000 meters (between 2 riders)
Intercom Capacity	3 riders paired, 2 riders talking simultaneously
Battery Life (Average)	8 hours (talk time)
Charging Time	8 hours
Noise Control	DSP Noise Cancellation, Acoustic Isolation
Water Resistance Level	Waterproof
Frequency Range	20 Hz - 20,000 Hz
Connectivity Technology	Bluetooth, Wired
Headphone Jack	USB
Material	Plastic
UPC	606227131086

WARRANTY AND SUPPORT

The BETOWEY BT-S2 intercom comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact BETOWEY customer support. For technical support, troubleshooting assistance, or any inquiries regarding your product, please visit the official BETOWEY website or contact their customer service team.

- **Brand Store:** [BETOWEY Amazon Store](#)
- **Seller:** BETOWEY EU (via Amazon.fr)