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FreedConn KY PRO

FreedConn KY Pro Motorcycle Helmet Bluetooth Intercom User Manual

Model: KY PRO

1. INTRODUCTION

The FreedConn KY Pro is a Bluetooth communication system designed for motorcycle helmets, enabling seamless communication between riders, music sharing, and hands-free calls. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user experience.

2. PACKAGE CONTENTS

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

- KY Pro Bluetooth Headset Unit
- USB Charging Cable
- Hook Clip and Velcro Clip
- 6-in-1 Soft & Hard Mic Earphone Set
- Headphone Velcro Pads
- User Manual (this document)



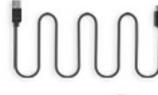
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KY-Pro Package List

1. Manual
2. Gift Box
3. Bluetooth Headset
4. USB Cable
5. Hook Clip and Vecro Clip
6. 2 in 1 Soft & Hard Mic Earphone
7. Headphone Velcro



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Easy to install



Image: FreedConn KY Pro package contents, including the main unit, charging cable, mounting clips, microphone/speaker set, and velcro pads.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your KY Pro unit:



Image: Diagram of the FreedConn KY Pro unit with labels for its various parts, including speakers, buttons, LED indicator, and microphones.

4. INSTALLATION

Proper installation ensures optimal audio quality and secure fit. The KY Pro can be installed on various helmet types.

4.1 General Installation Steps

1. Attach the mounting clip (hook or velcro) to the side of your helmet.
2. Slide the KY Pro unit onto the mounted clip until it clicks securely.
3. Route the speaker wires inside the helmet lining, positioning the speakers over your ears.
4. Attach the microphone to a suitable position near your mouth, ensuring it is clear of the visor.
5. Tuck away any excess wires neatly within the helmet padding.

4.2 Installation Video for Half Helmets

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Video: This video demonstrates the step-by-step installation of the FreedConn KY Pro Bluetooth headset on a half-face motorcycle

helmet, showing how to attach the unit, route wires, and position speakers and microphone.

4.3 Installation Video for Full Face Helmets

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Video: This video illustrates the installation process of the KY Pro Bluetooth headset on a full-face motorcycle helmet, detailing how to secure the unit and arrange the internal components for a comfortable fit.

5. BASIC OPERATIONS

5.1 Power On/Off

- **Power On:** Long press the 'On/Off' button for approximately 3 seconds until the LED indicator lights up.
- **Power Off:** Long press the 'On/Off' button for approximately 5 seconds until the LED indicator turns off.

5.2 Volume Control

- **Increase Volume:** Rotate the Jog Wheel forward.
- **Decrease Volume:** Rotate the Jog Wheel backward.

5.3 Battery Level Check

Short press the 'On/Off' button once to hear a voice prompt indicating the current battery level.

6. PAIRING & INTERCOM

The KY Pro supports various pairing modes for communication with other devices and riders.

6.1 Two-Device Pairing

1. Ensure both KY Pro units are off.
2. Long press the 'On/Off' button on both devices for 8 seconds until the red and blue lights flash alternately, indicating pairing mode.
3. Press the 'On/Off' button on one of the devices to initiate the search for the other.
4. Once paired, the red and blue lights will turn to a blue flash, and intercom can begin.

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Video: This video provides instructions on how to pair two FreedConn Bluetooth headsets for intercom communication, detailing the button presses and light indicators.

6.2 Group Intercom (Up to 4 Riders)

The KY Pro supports group intercom for up to 4 riders. Follow the video instructions for detailed pairing steps.

2-4 Riders Group Intercom



Image: Illustration of the FreedConn KY Pro group intercom feature, showing two riders communicating with a range of up to 400 meters between two bikers.

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Video: This video explains how to pair multiple FreedConn BM22 (similar to KY Pro) intercom Bluetooth helmets for group communication among 2-3 riders, expandable up to 6 riders.

6.3 Universal Pairing with Other Brands

The KY Pro can connect with Bluetooth headsets from other brands.

1. Put the third-party brand device into its matchable state (refer to its manual).
2. On your KY Pro, press the 'On/Off' button for 3 seconds to power on, then long press the multi-function button for 8 seconds until red and blue lights flash to enter enhanced pairing mode.
3. Press the 'On/Off' button on the KY Pro again to actively search for the third-party device.
4. Upon successful pairing, a voice prompt "Intercom Connected" will be received, and the red and blue LED lights will turn into blue light flashes.

Your browser does not support the video tag.

Video: This video demonstrates how the FreedConn intercom system can communicate and pair with Bluetooth headsets from other brands, explaining the universal pairing process.



Image: The FreedConn KY Pro demonstrating universal pairing capabilities, connecting to up to two phones, an earphone, GPS, and another T-COM unit via Bluetooth.

7. MUSIC SHARING

Share your music with another KY Pro user.

7.1 Turn On Music Sharing Mode

1. Ensure two devices are paired and not in intercom mode. Press the multi-function button on the device playing music to pause it.
2. Double press the 'On/Off' button on the device that needs to share music to start music sharing mode.
3. After 1-2 seconds, you will hear the sound "Turn on Share". Both devices will now play the same music.

Music Sharing - Stereo Sound Quality

Enjoy wonderful high-quality music during the motorcycling journey.



Image: Two riders on a motorcycle, illustrating the music sharing feature of the FreedConn KY Pro, allowing them to enjoy high-quality stereo sound together.

7.2 Stop Music Sharing Mode

1. Press the multi-function button again to pause the music.
2. Then press the 'On/Off' button twice. When you hear the prompt of "Turn off Share", it means that the music sharing mode has been closed successfully.

8. VOICE COMMANDS

The KY Pro supports voice commands for hands-free operation.

- **Activate Voice Assistant:** Short press the multi-function button to activate your phone's voice assistant (Siri for iPhone, S Voice for Samsung).
- You can answer calls, reject/redial the last call hands-freely with one-touch control during motorcycle riding.



Image: The FreedConn KY Pro headset illustrating support for Siri (iPhone) and S Voice (Samsung) voice commands for hands-free control.

9. MAINTENANCE & CARE

To ensure the longevity and performance of your KY Pro, follow these maintenance guidelines:

- **Waterproof Design:** The KY Pro features an IP65 waterproof and dustproof design, allowing it to function in various weather conditions like rain and snow.
- **Battery Life:** The 500mAh low-power consumption battery provides up to 168 hours standby, 10 hours intercom, and 11 hours talk time. A full charge takes approximately 1 hour.
- **Cleaning:** Use a soft, damp cloth to clean the unit. Avoid harsh chemicals.
- **Storage:** Store the device in a cool, dry place when not in use.



Image: The FreedConn KY Pro highlighting its IP65 dustproof and waterproof design, capable of effectively preventing rain damage.



Image: The FreedConn KY Pro showcasing its high effective low-power consumption, offering up to 168 hours of standby time and featuring Type-C fast charging.

10. TROUBLESHOOTING

If you encounter issues with your KY Pro, refer to the following common problems and solutions:

- **No Power:** Ensure the device is fully charged. Connect to a power source and check the charging indicator.
- **Cannot Pair:** Make sure both devices are in pairing mode (red and blue lights flashing alternately). Clear previous pairing records if necessary and try again.
- **No Sound/Low Volume:** Check volume levels on both the KY Pro and your connected phone/device. Ensure speakers are correctly positioned in the helmet.
- **Intercom Disconnects:** Ensure devices are within the specified range (up to 1200m total, 400m between two bikers). Obstacles or interference can affect connection stability.
- **Voice Assistant Not Responding:** Ensure your phone's voice assistant is enabled and the phone is properly paired with the KY Pro.

11. SPECIFICATIONS

Feature	Detail
Wireless Communication Technology	Bluetooth
Bluetooth Version	5.0
Intercom Range	Up to 1200m (MAX distance between 2 bikers is 400m)
Group Intercom	Up to 6 riders
Battery Capacity	500mAh Lithium Polymer
Standby Time	168 hours
Intercom Time	10 hours
Talk Time	11 hours
Charging Time	1 hour
Water Resistance Level	IP65 Waterproof
Control Method	Touch
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	11.2 ounces
Package Dimensions	5.8 x 4.5 x 2.5 inches

12. WARRANTY & SUPPORT

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