

BAOFENG 510461305

BAOFENG 2-Pin Motorcycle Helmet Headset Instruction Manual

Model: 510461305

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your BAOFENG 2-Pin Motorcycle Helmet Headset. This headset is designed to facilitate clear two-way radio communication while riding motorcycles, bicycles, or ATVs, especially in environments with wind and road noise.

Please read this manual thoroughly before using the product to ensure optimal performance and safety.

2. PACKAGE CONTENTS

The BAOFENG Helmet Kit includes the following components:

- Helmet Speakers (2 units)
- Boom Microphone
- Push-to-Talk (PTT) Button with Velcro Strap
- Main Cable with 2-Pin Connector for Two-Way Radios



Image 2.1: Overview of the BAOFENG Helmet Kit components, including speakers, microphone, PTT button, and radio connector.

3. SETUP AND INSTALLATION

Follow these steps to properly install the headset in your helmet and connect it to your two-way radio.

3.1. Helmet Speaker and Microphone Installation

1. **Prepare Helmet:** Ensure your helmet has designated speaker pockets or sufficient space to comfortably accommodate the speakers without pressing against your ears.
2. **Install Speakers:** Peel the adhesive backing from the helmet speakers and firmly attach them inside the helmet, aligning them with your ears. Ensure the speaker wires are routed neatly within the helmet padding.
3. **Position Microphone:** Attach the boom microphone inside the helmet, positioning it close to your mouth for optimal voice pickup, typically near the chin bar.



Image 3.1: Diagram illustrating the correct placement of speakers and microphone inside a helmet.



Image 3.2: Detail of a helmet speaker, showing the adhesive backing for secure attachment.

3.2. PTT Button Attachment

The Push-to-Talk (PTT) button features a Velcro strap for convenient attachment.

1. **Select Location:** Choose a location on your motorcycle or bicycle handlebar that is easily accessible while riding, such as near the grip.
2. **Secure PTT:** Use the integrated Velcro strap to firmly attach the PTT button to the chosen location. Ensure it is secure and does not interfere with vehicle controls.



Image 3.3: The PTT button secured to a motorcycle handlebar using its Velcro strap.

3.3. Connecting to Two-Way Radio

1. **Connect Headset Components:** Connect the helmet speakers and microphone cable to the main cable, ensuring all connections are secure.
2. **Connect to Radio:** Insert the 2-pin connector from the main cable into the corresponding ports on your compatible two-way radio.
3. **Cable Management:** Route all cables safely to prevent entanglement or interference with riding.



Image 3.4: Visual representation of the complete setup, connecting the headset to a two-way radio and helmet.

4. OPERATING INSTRUCTIONS

Once installed, operating the BAOFENG Helmet Kit is straightforward.

1. **Power On Radio:** Turn on your two-way radio and ensure it is set to the desired channel and volume level.
2. **Receive Communication:** Audio from the radio will be transmitted directly to the helmet speakers. Adjust the radio's volume for comfortable listening.
3. **Transmit Communication:** To speak, press and hold the PTT button located on your handlebar. Speak clearly into the microphone. Release the PTT button to return to receive mode.

Note: The headset utilizes the radio's volume control. There are no independent volume controls on the headset itself.

5. COMPATIBILITY

This BAOFENG 2-Pin Helmet Headset is compatible with a wide range of two-way radios featuring a standard 2-pin Kenwood-style connector. Compatible models include, but are not limited to:

- **BAOFENG:** UV5R, UV-5X, UV5RA, UV5RB, UV5RC, UV5RE, UV5RA+, UV5R+, UV3R+, UV5, UV6, V85, B5, B6, BF-K5, BF-480, BF-490, BF-320, BF-V6, BF-V8, BF-888s, BF-666s, BF-777s,

BF-999, BF-888, BF-777, BF-658, BF-668, BF-530, BF-520, BF-658

- **KENWOOD:** TK-208, TK-220, TK-240, TK-240D, TK-248, TK-250, TK-260, TK-260G, TK-270, TK-270G, TK-272G, TK-272, TK-278G, TK-308, TK-320, TK-340, TK-340D, TK-348, TK-350, TK-353, TK-360G, TK-360, TK-370, TK-370G, TK-372G, TK-372, TK-373G, TK-373, TK-378G, TK388G, Pro-Talk TK-430, TK-431, TK-2100, TK-2102, TK-2102L, TK-2107, TK-2118, TK-2160, TK-2170, TK-2170K, TK-2200, TK-2200L, TK-2200LP, TK-2202, TK-2202K, TK2212, TK-2212K, TK3100, TK-3101, TK-3102, TK-3107, TK-3130, TK3131, TK3160, TK3170, TK3170K, TK3173, TK-3200, TK-3200L, TK-3200LP, TK-3202, TK-3202K, TK-3202L, TK-3230, TK-3230XLS, TH-D7, TH-D7A, TH-D7AG, TH-D7E, TH-F6, TH-F6A, TH-F7, TH-F7E, TH-G71, TH-G71A, TH-G71E, TH-K2, TH-K2A, TH-K2AT, TH-K2E, TH-K2ET, TH-21, TH-21AT, TH-21BT, TH-22, TH-22A, TH-22AT, TH-22E, TH-25, TH-26, TH-27, TH-28, TH-31AT, TH-31BT, TH-41AT, TH-41BT, TH-42, TH-42A, TH-42AT, TH-42E, TH-45, TH-46, TH-47, TH-48, TH-55, TH-75, TH-77, TH-77A, TH-77E, TH-78, TH-78A, TH78-E, TH-79, TH-79A, TH-79E, TH-G71, TH-205, TH-205A, TH-205AT, TH-205E, TH-215, TH-215A, TH-225, TH-225A, TH-235, TH-235A, TH235E, TH-315, TH-315A, TH-415, TH-415A, TH-415E
- **TYT:** TYT-300, 500, 600, 800, 900, 9900, T3, TH-F2, F3, F5, F6, F7, F8, UVF9
- **HYT (Hytera):** TC-268, TC-368, TC-268S, TC-368S, TC-368G, TC-265, TC-265S, TC-365, TC-365S, TC-270, TC-370, TC-380, TC-380M
- **PUXING:** PX-777, PX-777+, PX-666, PX-888, PX-888K, PX-328, PX-333, PX-999, PX-555
- **QUANSHENG:** TG-K4AT, TG-2AT, TG-45AT, TG-42AT, TG-22AT, TG-25AT, TG-UV2
- **WOUXUN:** KG-699E, KG-689, KG-689 PLUS, KG-669, KG-669 PLUS, KG-659, KG-659 Plus, KG-679, KG-679 Plus, KG-889, KG-869, KG-819, KG-816, KG-UVD1P, KG-UV6D
- **Radioddity:** GD-77, GD-77S, R2, GA-2S, GA-5S, RD-5R, GA-510, GS-5B, GM-30

Always verify the connector type of your radio before purchasing to ensure compatibility.

6. MAINTENANCE

Proper care will extend the life of your BAOFENG Helmet Kit.

- **Cleaning:** Wipe the headset components with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the headset in a dry, cool place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cables to prevent internal damage.
- **Water Resistance:** The headset is water-resistant, but not waterproof. Avoid submerging it in water. Dry thoroughly if exposed to moisture.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from speakers	Loose connection to radio. Radio volume too low. Defective speaker.	Ensure 2-pin connector is fully inserted into the radio. Increase the volume on your two-way radio. Test with another radio or headset if possible.
Microphone not transmitting	PTT button not pressed or defective. Microphone not connected properly. Microphone positioned too far from mouth.	Ensure PTT button is fully pressed during transmission. Check PTT cable connection. Verify microphone connection to the main cable. Adjust microphone position closer to your mouth.
Excessive wind noise during transmission	Microphone exposed to direct wind. High speeds causing air turbulence.	Ensure microphone is positioned inside the helmet and shielded from direct airflow. Consider adding additional foam wind protection to the microphone if available.
Loose or broken wires	Physical stress on cables.	Inspect all cable connections for damage. If wires are visibly broken, the unit may require replacement.

8. SPECIFICATIONS

Feature	Detail
Model Number	510461305
Connectivity Technology	Wired
Headphones Jack	2-Pin (Kenwood-style)
Cable Length	147 cm (57.87 inches)
Earpiece Type	In-Ear (Helmet Speakers)
Microphone	Included
Noise Control	Passive Noise Cancellation
Water Resistance Level	Water Resistant
Recommended Use	Biking, Cycling, ATV use with two-way radios
Item Weight	3.52 ounces (approximately 100 grams)






9. WARRANTY AND SUPPORT

BAOFENG products are designed for durability and performance. For specific warranty information, please refer to the documentation included with your purchase or contact BAOFENG customer support

directly.

If you require assistance or have questions not covered in this manual, please contact BAOFENG customer service through their official channels or the retailer from whom you purchased the product.

Related Documents - 510461305

	<p>Baofeng UV-5R Dual-Band Handheld Transceiver User Manual and Features Guide</p> <p>Comprehensive user manual for the Baofeng UV-5R dual-band handheld transceiver, covering safety, unboxing, assembly, battery maintenance, basic operation, and detailed menu definitions for optimal use.</p>
	<p>Manuel d'utilisation Baofeng UV-5R : Guide complet et caractéristiques</p> <p>Ce manuel détaillé fournit des instructions complètes pour l'utilisation, l'installation et la programmation du Baofeng UV-5R. Découvrez ses caractéristiques, spécifications techniques et solutions de dépannages.</p>
	<p>Baofeng BF-T1 Mini Two-Way Radio User Manual</p> <p>Comprehensive user manual for the Baofeng BF-T1 Mini handheld two-way radio, covering functions, operation, troubleshooting, and specifications.</p>
	<p>BAOFENG UV-5R FM Dual-Band Transceiver User's Manual</p> <p>Comprehensive user manual for the BAOFENG UV-5R FM Dual-Band Transceiver, covering installation, operation, safety guidelines, advanced features, troubleshooting, and technical specifications for this portable two-way radio.</p>
	<p>Instrukcja Obsługi i Specyfikacja Radiotelefonu Baofeng BF-T17</p> <p>Kompleksowa instrukcja obsługi i specyfikacja techniczna radiotelefonu Baofeng BF-T17, obejmująca funkcje, bezpieczeństwo, obsługę i zgodność z dyrektywami UE.</p>

BAOFENG

GT-18

Two Way Radio

User Manual



[BAOFENG GT-18 PMR446 Two-Way Radio User Manual](#)

Comprehensive user manual for the BAOFENG GT-18 PMR446 two-way radio, detailing operations, features, battery care, safety guidelines, and technical specifications for effective communication.