

Retevis EHK015

Retevis EHK015 ANC Overhead Two-Way Radio Headset User Manual

Model: EHK015

1. INTRODUCTION

Thank you for choosing the Retevis EHK015 ANC Overhead Two-Way Radio Headset. This headset is designed to provide clear communication in noisy environments through Active Noise Cancellation (ANC) technology and a transparent mode. It features a comfortable over-ear design and is compatible with various two-way radios using a K-head 2-pin connector. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. PRODUCT FEATURES

- **Active Noise Cancellation (ANC):** Utilizes an ANC chipset with soundwave inversion and in-ear speakers to neutralize external noise, providing a Noise Reduction Rating (NRR) of 28dB. Ideal for loud environments such as construction sites, racing events, or agricultural fields.
- **Transparent Mode:** Allows users to hear surrounding conversations without removing the headset, ensuring situational awareness while maintaining communication capabilities. Activated by a long press of the ANC switch button.
- **Comfortable Over-Ear Design:** Features soft PVC leather ear cushions that conform to the ears and an adjustable headband for a secure and comfortable fit during extended use.
- **Convenient Controls:** Equipped with an easy-to-access ANC switch button for activation/deactivation and a volume knob for precise audio level control.
- **Dual Push-to-Talk (PTT) Buttons:** Includes PTT buttons on both the earcup and the cable for flexible and easy communication activation.
- **260° Swivel Gooseneck Microphone:** A flexible and adjustable microphone that can be positioned for optimal voice pickup and worn on either the left or right side.
- **K-Head 2-Pin Connector:** Ensures broad compatibility with a range of two-way radios.

Features



Image: Detailed view of the Retevis EHK015 headset highlighting its key features including PTT buttons, adjustable headband, microphone, and controls.

Active Noise Cancellation

Microphone for watching both internal and external sounds
ANC chipset with soundwave inversion
In-ear speakers that neutralize sound waves to cancel out external noise

 NRR: 28dB



Image: Diagram illustrating how Active Noise Cancellation (ANC) works by generating anti-noise sonic waves to cancel original noise, resulting in clear sound.

Transparent Mode

Transparent Mode: You can hear people around you speaking clearly without taking off your headphones.



Image: The headset demonstrating Transparent Mode, allowing the user to hear ambient sounds without removing the headset.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x EHK015 ANC Headphone
- 1x K 2 Pin Jack PTT cable
- 1x User Manual
- 1x Storage Pouch

High Compatibility



Image: Visual representation of the items included in the Retevis EHK015 headset package: the headset, K 2-Pin PTT cable, user manual, and storage pouch.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on one of the earcups.
2. Open the compartment cover.
3. Insert two AA batteries (not included) according to the polarity markings.
4. Close the battery compartment cover securely.

4.2 Connecting to Your Radio

1. Ensure your two-way radio is turned off.
2. Connect the K-head 2-pin connector of the PTT cable to the corresponding port on your radio. Ensure a firm connection.
3. Connect the other end of the PTT cable to the headset's input jack.

4. Turn on your two-way radio.



Image: Close-up of the K 2-Pin Connector, illustrating its design for compatibility with various two-way radios.

4.3 Adjusting the Headset

1. Place the headset over your head, ensuring the earcups fully cover your ears.
2. Adjust the headband by sliding the earcups up or down until a comfortable and secure fit is achieved. The headband is adjustable to fit various head sizes.
3. Position the flexible gooseneck microphone approximately 1-2 inches from your mouth for optimal voice transmission. The microphone can swivel 260° and can be worn on either side.

Wear Comfort, Perform Better

Suitable for long hours of use during races



Image: Demonstrates the adjustable headband and soft PVC leather earpads for comfortable wear, along with head width and clamp force specifications.

5. OPERATING INSTRUCTIONS

5.1 Active Noise Cancellation (ANC)

- To activate ANC: Press the ANC switch button located on the earcup. An indicator light will confirm activation.
- To deactivate ANC: Press the ANC switch button again.

5.2 Transparent Mode

- To activate Transparent Mode: Long press the ANC switch button. This allows you to hear ambient sounds and conversations clearly without removing the headset.
- To deactivate Transparent Mode: Long press the ANC switch button again.

5.3 Using PTT Buttons

- The headset features two PTT buttons: one on the earcup and one on the cable.

- To transmit: Press and hold either PTT button. Speak clearly into the microphone.
- To receive: Release the PTT button.

Easy to Use

Communicate instantly and seamlessly, ensure smooth operation in race tracks and farms



Dual PTT buttons
in the earcup and the cable



Adjustable cable length

Image: Illustrates the location of the dual PTT buttons (on earcup and cable) and provides details on the coiled cable length (116cm cord, 280cm stretch).

5.4 Volume Adjustment

- Use the volume knob located on the earcup to adjust the audio output level to your preference.

5.5 Microphone Adjustment

- The 260° swivel gooseneck microphone can be rotated and bent to achieve the optimal position for clear voice transmission.
- It can be positioned on either the left or right side of the headset.

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Video: Demonstrates the wearing details and adjustments of the Overhead Walkie Talkie Headset for optimal fit and microphone positioning.

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Video: Provides operation tips for the Walkie-Talkie Headphones, covering various functions and controls.

6. COMPATIBILITY

The Retevis EHK015 headset is compatible with two-way radios featuring a K-head 2-pin connector. Known compatible devices include:

- Retevis: RT21, RT22, RT68, RT68H, H-777H, RA89, RA79, RB26H, RB66P, RT68B, RB58
- Baofeng: UV-5R, 5RM, BF-888S
- Other brands: Pxtion, Arcshell AR-5, Kenwood, Samcom (with K-head 2-pin connector)

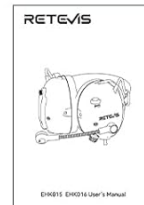
Package Includes



EHK015 ANC Headphone *1



K 2-Pin Jack PTT cable *1



User Manual *1



Storage Pouch *1

Image: Diagram illustrating the K-head 2-pin connector and its compatibility with various radio models like RT21, RT22, RT5R, RT3S, RT24, and H777.

7. MAINTENANCE

- **Cleaning:** Wipe the headset with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the headset in the provided storage pouch in a cool, dry place when not in use to protect it from dust and damage.
- **Battery Care:** Remove batteries if the headset will not be used for an extended period to prevent leakage.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable to prevent internal wire damage. The coiled cable design helps prevent tangling.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No audio from headset	<ol style="list-style-type: none"> 1. Headset not properly connected. 2. Radio volume too low. 3. Batteries drained or incorrectly installed. 	<ol style="list-style-type: none"> 1. Ensure K-head 2-pin connector is fully inserted into the radio and headset. 2. Increase radio volume. 3. Replace batteries or check polarity.
Microphone not transmitting	<ol style="list-style-type: none"> 1. PTT button not pressed. 2. Microphone not positioned correctly. 3. Radio settings. 	<ol style="list-style-type: none"> 1. Press and hold PTT button firmly. 2. Adjust microphone closer to mouth. 3. Check radio's microphone settings.
ANC not working	<ol style="list-style-type: none"> 1. ANC switch not activated. 2. Batteries drained. 	<ol style="list-style-type: none"> 1. Press the ANC switch button. 2. Replace batteries.
Uncomfortable fit	Headband or earcups not adjusted.	Adjust the headband and earcup positions for a snug yet comfortable fit.

9. SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Name	EHK015
Model Number	FC9274A
Color	Black
Ear Placement	Over Ear
Noise Control	Active Noise Cancellation (NRR: 28dB)
Connectivity Technology	Wired
Headphone Jack	Kenwood 2 Pin
Microphone	Adjustable, 260° Swivel Gooseneck
Control Method	Push Button (ANC, PTT), Volume Knob
Power Source	2x AA Batteries (not included)

Feature	Detail
Material	Acrylonitrile Butadiene Styrene (ABS), Leather, Metal
Item Weight	1.2 Pounds (approx. 550g)
Frequency Range	85 Hz - 255 Hz
Cord Length	116cm (cord), 280cm (stretch)

Product Details



Weight:
approx 550g/1.21lb



Image: Detailed dimensions of the Retevis EHK015 headset, including height, width, and weight.

10. WARRANTY AND SUPPORT

Warranty: We provide a 1-year warranty for accessories and a 30-day no-reason return policy. Beyond the warranty period, we still offer maintenance services; buyers are required to cover corresponding costs.

Support: For any inquiries or assistance, please contact us on Amazon. We aim to reply within 12 hours to provide the most hassle-free support possible.

11. USAGE SCENARIOS

The Retevis EHK015 headset is designed for environments where clear communication and hearing protection are essential. It is suitable for:

- Construction sites
- Field service operations
- Racing events
- Agricultural work (e.g., farming, mowing)
- Factory environments
- Heavy equipment operation

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Video: Illustrates various usage scenarios for the Overhead Walkie Talkie Headset, including farming, factory work, and heavy equipment operation.

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Video: A sound quality demonstration of the Overhead Walkie Talkie Headset, showcasing its audio performance.