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- › Retevis /
- › Retevis EEK016 G-Shape Two-Way Radio Headset Instruction Manual

Retevis EEK016

Retevis EEK016 G-Shape Two-Way Radio Headset Instruction Manual

Model: EEK016 | Brand: Retevis

1. PRODUCT OVERVIEW

The Retevis EEK016 G-Shape Two-Way Radio Headset is designed for hands-free communication with compatible two-way radios. It features an ergonomic G-shape earhook for comfortable wear, a built-in microphone, and supports VOX (Voice Operated Exchange) functionality for hands-free operation. The headset is equipped with a standard Kenwood 2-pin connector for broad compatibility.



Image 1.1: Retevis G-Shape Walkie Talkie Earpiece with VOX Function. This image displays the complete headset, highlighting its G-shape earhook, coiled cable, and the PTT/VOX unit. Icons indicate features like comfort, left/right ear suitability, noise reduction, and VOX function.

Key Features:

- **G-Shape Earhook:** Ergonomic design for comfortable and secure fit, suitable for both left and right ears.
- **High Sound Quality:** Low impedance (32 Ohms) speaker provides clear audio even in noisy environments.
- **VOX Functionality:** Enables hands-free communication when activated on both the headset and a compatible radio.
- **Coiled Cable:** Retractable coil design with a maximum stretch length of 70±5cm for flexible use.
- **K-Head 2-Pin Connector:** Ensures wide compatibility with various two-way radio models.
- **Durable Construction:** Made with a rubber enclosure for longevity.

2. WHAT'S IN THE BOX

Your package should contain the following items:

- 2 x Retevis G-Shape Earhook Walkie Talkie Earpiece

3. SETUP INSTRUCTIONS

Follow these steps to set up your Retevis G-Shape Headset with your two-way radio:

1. **Identify the Connector:** Locate the K-head 2-pin connector on your headset cable.
2. **Locate Radio Port:** Find the corresponding 2-pin audio accessory port on your compatible two-way radio. This port is typically covered by a rubber flap.
3. **Connect the Headset:** Carefully insert the K-head 2-pin connector into the radio's accessory port. Ensure it is fully seated to establish a secure connection.
4. **Position the Earpiece:** Place the G-shape earhook over your ear. The ergonomic design allows it to be worn on either the left or right ear. Adjust for comfort and secure fit.
5. **Position the Microphone/PTT Unit:** Clip the microphone/PTT (Push-To-Talk) unit to your collar or a convenient location on your clothing. Ensure the microphone is positioned close to your mouth for clear voice transmission.



Image 3.1: The G-shape earhook design, illustrating its 360-degree rotation and adjustability for comfortable wear on either the left or right ear.

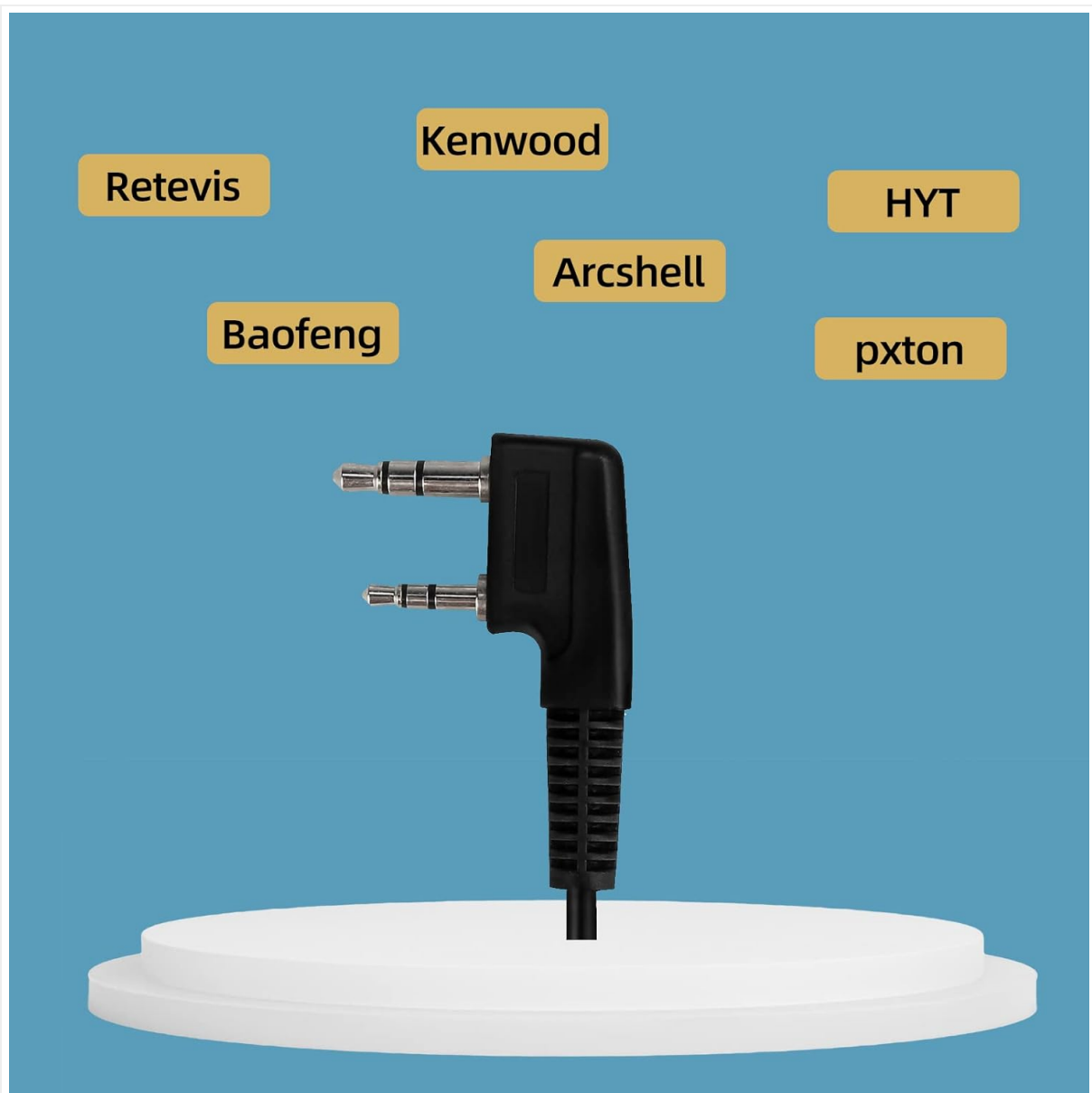


Image 3.2: The K-head 2-pin connector. This image shows the standard 2-pin connector, which is compatible with a wide range of two-way radios from brands like Retevis, Kenwood, Baofeng, and others.

4. OPERATING INSTRUCTIONS

4.1 Basic Communication (PTT)

1. Ensure the headset is securely connected to your radio and properly positioned.
2. To transmit, press and hold the Push-To-Talk (PTT) button located on the microphone unit.
3. Speak clearly into the microphone.
4. Release the PTT button to stop transmitting and listen for incoming messages.



Image 4.1: The PTT (Push-To-Talk) microphone unit. This unit includes the microphone and the button used to initiate transmission.

4.2 VOX Function (Voice Operated Exchange)

The headset supports VOX functionality, allowing for hands-free transmission. To use VOX:

1. **Activate VOX on Radio:** Refer to your two-way radio's instruction manual to enable the VOX function on the radio itself. The headset's VOX feature requires the radio to also have VOX enabled.
2. **Adjust VOX Sensitivity:** If your radio allows, adjust the VOX sensitivity level. A higher sensitivity means the radio will transmit with softer voice input, while lower sensitivity requires louder speech.
3. **Speak to Transmit:** Once VOX is active on both the radio and the headset, simply speak into the microphone to initiate transmission. The radio will automatically transmit when it detects your voice and stop when you cease speaking.

***Note:** The headset's VOX function is dependent on the radio's VOX capabilities. Ensure your radio supports and has VOX enabled for this feature to work.*



Image 4.2: The PTT unit showing the VOX switch. This switch on the headset enables or disables the headset's VOX function, complementing the radio's VOX setting.

5. MAINTENANCE AND CARE

- **Cleaning:** Wipe the headset with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the headset in a dry place away from direct sunlight and extreme temperatures. Avoid tangling the coiled cable.
- **Connector Care:** Keep the 2-pin connector clean and free from dust or debris to ensure a reliable connection.
- **Water Resistance:** This headset is **not water resistant**. Avoid exposure to rain, splashes, or immersion in water.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------------------|---|---|
| No audio from earpiece. | <ul style="list-style-type: none"> • Headset not fully connected. • Radio volume too low. • Earpiece damaged. | <ul style="list-style-type: none"> • Ensure the 2-pin connector is fully inserted into the radio. • Increase the radio's volume. • Test with another headset if available. |
| Cannot transmit (PTT not working). | <ul style="list-style-type: none"> • Headset not fully connected. • PTT button malfunction. | <ul style="list-style-type: none"> • Ensure the 2-pin connector is fully inserted into the radio. • Test the radio's built-in PTT or with another accessory. |
| VOX function not working. | <ul style="list-style-type: none"> • VOX not enabled on radio. • VOX sensitivity too low on radio. • Headset VOX switch off. | <ul style="list-style-type: none"> • Enable VOX in your radio's settings. • Increase VOX sensitivity on your radio. • Ensure the VOX switch on the headset's PTT unit is in the ON position. |
| Static or unclear audio. | <ul style="list-style-type: none"> • Loose connection. • Interference. • Damaged cable/earpiece. | <ul style="list-style-type: none"> • Reseat the 2-pin connector. • Move away from potential sources of electromagnetic interference. • Inspect the cable for damage. |

7. SPECIFICATIONS

| Feature | Detail |
|--------------------------|---------------------------------|
| Brand | Retevis |
| Model Number | EEK016 |
| Model Name | EEK018 |
| Color | Black |
| Ear Placement | In Ear (G-shape hook) |
| Impedance | 32 Ohms |
| Sensitivity | 36 dB |
| Control Method | Voice (VOX), Push-To-Talk (PTT) |
| Noise Control | Sound Isolation |
| Additional Features | VOX |
| Enclosure Material | Rubber |
| Cable Features | Retractable (Coiled) |
| Max. Coiled Cable Length | 70 ± 5 cm |
| Headphone Jack | Kenwood 2 Pin |
| Connectivity Technology | Wired |
| Water Resistance Level | Not Water Resistant |
| Number of Items | 2 |

8. COMPATIBILITY

This headset features a standard Kenwood 2-pin connector and is compatible with a wide range of two-way radios, including but not limited to:

Retevis Models:

- RT22, RT21, H-777, RT68, RT19, RT27, RT28, RT22S, H-777S, RT15, RT18, RT27V, RT21V, RB38V, RT7, RB17V, RB27V
- RT5R, RT5RV, RT5, RT85, RT76, RB26, RB17A, RB27, RT84, RT53, RT10, RT43, RT72, RT26, RT1, RT86, RB25, RT81, RT50, RT56, RA16
- RB37, RB35, RT67, RT17, RB17, RB17P, RT66, RB27B, RB28, RT69, RT46, RB18, RT3S, RB28B, RB29, RT76P, RA85, RB85, RB87

Kenwood Models:

- TH-F6/F6A/D7/D7A/D7AG/D7E/F7/F7E/G71/G71A TH-G71E/K2/K2A/K2E/K2ET/21/21AT/21BT/22
- TH-22A/22AT/22E/25/26/27/28/31AT/31BT/41AT/41BT TH-205/-215/225/235/235A/235E/315/41
- TK-370/ 370G/372G/373G/320/340/340D/348/350 TK-2100/ 2160/3100/3101/3102/3107 TK-3118/3130/3160 etc

Baofeng Models:

- UV-5R Series, BF-480/490/320/V6/520/530/999/888/777/666S/777S/888S

HYT Models:

- TC286, 386, 2685, 3865, 6685, TC 278, 378, 388, TC 2100, 2088

Linton Models:

- LT-2288/3288/6288/5288/3188/3260/2268/3268,/6288/6188/3288A KG-UVD1/UVDIP KG-669/659/679/689/639/699/801

QUANSHENG Models:

- TG-K4AT/2AT/22AT/45AT/42AT/25AT/UV

RELM Models:

- RPU416, RPV516, RPU499, RPV599X

WEIERWEI Models:

- VEV-3288S, VEV-6288, VEV-3288

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Retevis customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.