Radioddity RS22

Radioddity RS22 Remote Speaker Mic Instruction Manual

Model: RS22 | Brand: Radioddity

INTRODUCTION

The Radioddity RS22 Remote Speaker Mic is designed to enhance communication for users of compatible two-way radios. It features clear audio transmission and reception, a rugged build, and a convenient design for various applications. This manual provides essential information for setup, operation, maintenance, and troubleshooting.

PRODUCT FEATURES

- **Sensitive Microphone:** Captures clear and loud audio for effective communication.
- **Rugged and Durable Design:** Constructed with impact-resistant PVC for long-term use and durability.
- **Coiled Cord:** Features a reliable, longer coiled cord that extends elastically for flexible use.
- **Strong Rotatable Clip:** Equipped with a 360° rotatable clip for easy attachment to clothing or gear, freeing your hands.
- **Single PTT Button:** A prominent Push-To-Talk (PTT) button for easy and immediate transmission.
- **3.5mm Earphone Jack:** Allows connection of an external earphone for private listening.
- **Wide Compatibility:** Compatible with most two-way radios using a 2-pin K connector, including models from Baofeng (UV-5R series, BF-F8HP, BF-888S, UV-5RX3, UV-5R EX, UV6R, DM-5R, GT-1, GT-3/3TP/3WP, BF-9700, BF-F8+, BF-F9+TP), Radioddity (GD-77, GM-30, GA-2S, GA-510), Retevis (H-777, RT21, RT22, RT27), WouXun (KG-UVD1P, KG-UV6D, KG-659, KG-669, KG-679, KG-689, KG-699E), TYT (UV8000E, TH-F5, TH-UVF9, TH-UV3R, TH-UVF8D, TH-UVF9D), and Kenwood (TK-240, TK-250, TK-255, TK-260, TK-260G, TK-270, TK-270G, TK-272G, TK-278, TK-278G, TK-340, TK-349, TK-350, TK-353, TK-360, TK-360G).

PACKAGE CONTENTS

- 1x Radioddity RS22 Remote Speaker Mic

SETUP AND INSTALLATION

The Radioddity RS22 Remote Speaker Mic is designed for easy plug-and-play functionality with compatible two-way radios.

1. **Connect the Mic:** Locate the 2-pin K connector port on your compatible two-way radio. Align the two pins of the RS22 mic connector with the radio's port and gently push until it clicks into place.

2. **Secure the Mic:** Use the 360° rotatable clip on the back of the RS22 to attach it securely to your collar, shoulder strap, belt, or any convenient location. This allows for hands-free operation of your radio.

3. **Optional Earphone Connection:** If desired, connect a 3.5mm earphone (not included) to the earphone jack located on the side of the mic for private listening.

Figure 1: Radioddity RS22 Remote Speaker Mic with its 2-pin K connector for radio connection.

Figure 2: The RS22 features a 360° rotatable clip and a 3.5mm earphone jack.

OPERATING INSTRUCTIONS

Once connected, the RS22 mic functions as an external speaker and microphone for your radio.

1. **Listening:** Audio from your radio will be routed through the RS22's built-in speaker. Adjust your radio's volume for comfortable listening.

2. **Transmitting (PTT):** To transmit, press and hold the main PTT button located on the side of the mic. Speak clearly into the microphone. Release the PTT button to return to receive mode. The top side key can also function as an additional PTT button.

3. **Clear Communication:** The sensitive microphone and clear speaker ensure effective communication, even in noisy environments.

Figure 3: Labeled components of the RS22 Remote Speaker Mic.

Figure 4: The side key on top of the mic functions as an additional PTT button.

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Video 1: Review of the Radioddity GM-30 GMRS Radio, a compatible device for the RS22 speaker mic. This video provides context on the type of radio the RS22 connects to.

MAINTENANCE

To ensure optimal performance and longevity of your Radioddity RS22 Remote Speaker Mic, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to wipe the exterior of the mic. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the mic in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Moisture:** While built for durability, the RS22 is not waterproof. Avoid exposing it to rain, heavy moisture, or submersion in water.
- **Handle with Care:** Despite its rugged construction, avoid dropping the mic or subjecting it to excessive force.

TROUBLESHOOTING

If you encounter issues with your Radioddity RS22, refer to the following common problems and solutions:

- **No Audio from Speaker:**

  - Ensure the mic is securely connected to the radio's 2-pin K connector.
  - Check the radio's volume level.
  - Test the mic with another compatible radio if available to rule out a mic issue.

- **Transmission Issues (Mic not working):**

  - Verify the mic is fully plugged into the radio.
  - Ensure the PTT button is being pressed firmly during transmission.
  - Check your radio's settings to ensure it's in transmit mode and not locked.

- **Poor Audio Quality:**

  - Ensure the microphone is clean and free from debris.
  - Check the radio's signal strength and adjust your position if necessary.

SPECIFICATIONS

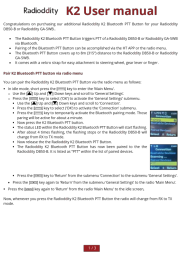| Feature	Specification
Microphone Form Factor	Lavalier
Item Dimensions (L x W x H)	2.76 x 1.18 x 1.97 inches
Power Source	Corded Electric
Material	Impact Resistant PVC
Signal-to-Noise Ratio	78 dB
Number of Channels	1
Frequency Response	20 KHz
Item Weight	4.6 ounces
Connectivity Technology	2-pin K connector
Connector Type	3.5 mm Jack
Special Feature	Ruggedized construction for outdoor use
Compatible Devices	Radio, Speaker
Color	Black, Orange
Polar Pattern	Unidirectional

WARRANTY AND SUPPORT

The Radioddity RS22 Remote Speaker Mic comes with a comprehensive warranty and dedicated customer support:

- **Warranty Period:** Enjoy an 18-month warranty from the date of purchase, covering manufacturing

- **Return Policy:** A 60-day no-reason return policy is available, allowing you to return the product if you are not completely satisfied.

- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact Radioddity customer service. Visit the official Radioddity website for contact information and additional resources.

Related Documents - RS22

	[How to Connect Radioddity GM-30 Pro with the App](#) A guide on connecting the Radioddity GM-30 Pro walkie-talkie to its companion mobile application via Bluetooth for programming and settings customization.
	[Radioddity K2 Bluetooth PTT Button User Manual](#) User manual for the Radioddity K2 Bluetooth PTT Button, detailing pairing instructions via radio menu and HT app, specifications, and contents for use with Radioddity DB50-B and GA-5WB radios.
	[Radioddity RD-5R DMR Two Way Radio User Manual](#) Comprehensive user manual for the Radioddity RD-5R DMR Two Way Radio, covering features, operation, menu navigation, programmable keys, call functions, SMS, scanning, and CPS software usage.
	[Radioddity GT-1 Two-Way Radio User Manual	Specifications & Setup Guide](#) Comprehensive user manual for the Radioddity GT-1 two-way radio, covering installation, operation, troubleshooting, specifications, and warranty information. Learn how to set up and use your GT-1 transceiver for reliable communication.
	[Radioddity HD-1 Walkie Talkie User Manual: Features, Operation, and Specifications](#) Explore the Radioddity HD-1 Walkie Talkie user manual. Learn about its IP67 waterproof design, 22 channels, VOX, NOAA weather alerts, and detailed technical specifications for reliable communication.
	[Radioddity HD-1 FRS Two-Way Radio User Manual](#) Comprehensive user manual for the Radioddity HD-1 FRS two-way radio, covering setup, basic operations, key functions, CTCSS tones, and programming software for optimal performance.