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# **BAOFENG UV-XR Waterproof Handheld Microphone Speaker User Manual**

Model: SQ-27K

## **1. INTRODUCTION**

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The BAOFENG UV-XR Waterproof Handheld Microphone Speaker (Model SQ-27K) is designed to enhance communication for users of compatible BAOFENG two-way radios. This microphone speaker offers clear audio transmission and reception, robust water and dust resistance, and a convenient design for various demanding environments.

# 2 PTT Buttons

2 PTT Design, anytime anywhere talk freely



Dual PTT  
Emission key

**DO NOT Use for Change Channel A Or B**



Figure 1: BAOFENG UV-XR Waterproof Handheld Microphone Speaker.

## Key Features:

- **Clear Sound:** Equipped to capture and transmit voice clearly, even in noisy environments.
- **Water and Dust Resistant:** Designed to withstand exposure to water and dust, making it suitable for outdoor and challenging conditions.
- **Enhanced Appearance:** Features a non-slip surface for improved grip and durability.
- **360° Rotatable Belt Clip:** Allows for flexible attachment to clothing or gear.
- **Wide Compatibility:** Compatible with BAOFENG waterproof type radios, including UV-9R Plus, UV-9R PRO, UV-9G, UV-XR, GT-3WP, UV-82WP, R760 Plus, BF-A58, BF-9700, R760, UV-S22 Pro, UV-98 Pro, and GMRS-9R Series.

## 2. SETUP

To set up your BAOFENG UV-XR microphone speaker, follow these steps:

1. **Identify the Connector:** Locate the BAOFENG Waterproof Plug on your microphone speaker.
2. **Locate Radio Port:** Find the corresponding waterproof accessory port on your compatible BAOFENG two-way radio.

3. **Connect Securely:** Carefully align the microphone speaker's plug with the radio's port and push firmly until it clicks into place. Ensure a secure connection to maintain water resistance.
4. **Test Connection:** Power on your radio and perform a brief communication test to confirm the microphone speaker is functioning correctly.

*Note: This microphone speaker is specifically designed for BAOFENG waterproof type radios. Using it with non-compatible radios may result in improper function or damage.*

### 3. OPERATING INSTRUCTIONS

This section details the operation of your BAOFENG UV-XR microphone speaker.

#### 3.1. Push-to-Talk (PTT) Function



Figure 2: Dual PTT buttons (PTT A and PTT B) on the microphone speaker.

The UV-XR microphone speaker features dual PTT buttons (PTT A and PTT B). Both buttons serve the same function: to activate transmission. Press and hold either PTT button to transmit your voice, and

release it to listen. It is important to note that these dual PTT buttons **do not** change channels on your radio; they are solely for initiating transmission.

### 3.2. Speaker and Volume Control

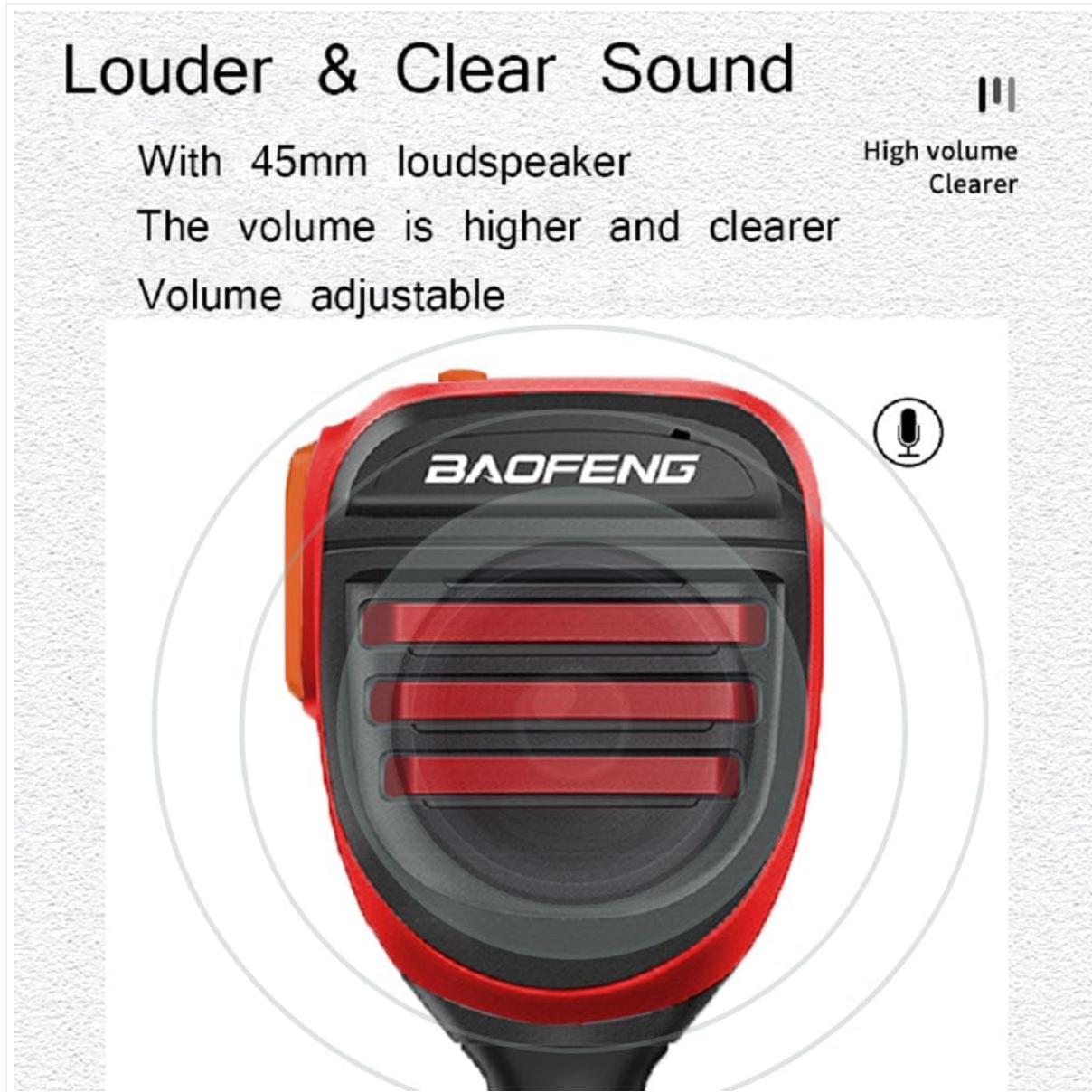


Figure 3: Integrated 45mm loudspeaker for clear audio reception.

The microphone speaker is equipped with a 45mm loudspeaker, providing clear and loud audio reception. The volume is adjustable directly from your connected two-way radio. Adjust the radio's volume control to your desired listening level.

### 3.3. Belt Clip Usage

# Rotation Belt Clip 360°

Arbitrary rotation

360 degrees  
Rotating back clip

Easy to wear



Figure 4: Rear view of the microphone speaker showing the 360° rotatable belt clip.

The integrated belt clip can rotate 360 degrees, allowing you to securely attach the microphone speaker to your shoulder, waist, chest pocket, or other convenient locations. This ensures easy access and hands-free operation.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your microphone speaker.

- **Cleaning:** Wipe the microphone speaker with a soft, damp cloth to remove dirt and dust. Avoid using harsh chemicals or abrasive cleaners.
- **Water Resistance:** While the device is water and dust resistant, avoid prolonged submersion or exposure to high-pressure water jets. Ensure the connector is dry before attaching it to the radio.
- **Cable Care:** The microphone features a TPU flexible cable designed for durability and anti-fracture properties. Avoid sharp bends or excessive pulling on the cable to prevent damage.

# TPU Flexible Cable

The TPU material can anti-fracture

III  
TPU  
tensile

## TPU [Flexible]

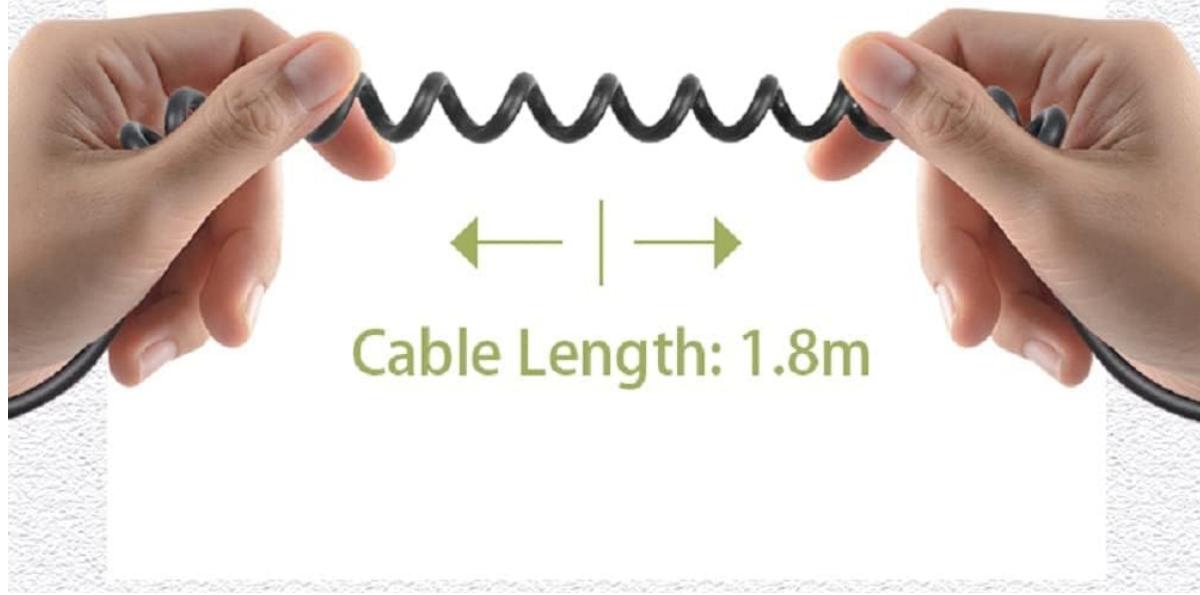


Figure 5: The TPU flexible cable, designed for durability.

- **Storage:** Store the microphone speaker in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

## 5. TROUBLESHOOTING

If you encounter issues with your BAOFENG UV-XR microphone speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No audio from speaker	Loose connection, radio volume too low, radio not powered on.	Ensure the microphone speaker is securely connected to the radio. Increase the radio's volume. Verify the radio is powered on.
Transmission is unclear or muffled	Microphone obstruction, speaking too far/close, environmental noise.	Ensure the microphone grille is clear. Speak directly into the microphone at a consistent distance. Move to a quieter location if possible.

Problem	Possible Cause	Solution
PTT buttons do not change channels	Misunderstanding of PTT function.	The dual PTT buttons are for transmission only and do not control channel selection. Channel changes must be performed directly on the radio.
Microphone not responding	Faulty connection, incompatible radio, internal damage.	Reconnect the microphone. Confirm your radio is a compatible BAOFENG waterproof model. If issues persist, contact customer support.

## 6. SPECIFICATIONS

<b>Model:</b>	SQ-27K
<b>Brand:</b>	BAOFENG
<b>Feature:</b>	Waterproof, Dual PTT
<b>Type:</b>	Dual PTT microphone speaker
<b>Connector Type:</b>	BAOFENG Waterproof Plug
<b>Cable Length:</b>	1.8m / 5.9inch
<b>Material:</b>	Plastic (TPU Flexible Cable)
<b>Item Weight:</b>	100 Grams / 3.53 ounces
<b>Polar Pattern:</b>	Unidirectional
<b>Included Components:</b>	Warranty card
<b>Compatible Radios:</b>	BAOFENG waterproof type radios (e.g., UV-9R Plus, UV-9R PRO, UV-9G, UV-XR, GT-3WP, UV-82WP, R760 Plus, BF-A58, BF-9700, R760, UV-S22 Pro, UV-98 Pro, GMRS-9R Series)

## 7. WARRANTY INFORMATION

This product comes with a **3-month warranty**. The warranty is provided exclusively through "Shiqun Electronics Co., Ltd." Please retain your proof of purchase for warranty claims.

## 8. CUSTOMER SUPPORT

For any questions regarding product compatibility, operation, or troubleshooting that is not covered in this manual, please contact Shiqun Electronics Co., Ltd. customer support. Refer to the contact information provided with your purchase or on the warranty card.

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