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BAOFENG SQ-27K

BAOFENG UV-9R Pro Waterproof Microphone Speaker User Manual

Model: SQ-27K

Introduction

This manual provides instructions for the BAOFENG UV-9R Pro Microphone Speaker, model SQ-27K. This handheld microphone is designed for use with compatible BAOFENG waterproof two-way radios, offering clear communication and robust performance in various environments. It features a waterproof design, dual Push-To-Talk (PTT) buttons, and a durable construction.



Figure 1: BAOFENG UV-9R Pro Waterproof Microphone Speaker (Model SQ-27K).

Setup

1. **Connecting the Microphone:** Ensure your BAOFENG two-way radio is powered off. Align the waterproof plug of the SQ-27K microphone with the corresponding port on your radio. Gently push until it clicks into place, ensuring a secure and waterproof connection.
2. **Attaching the Belt Clip:** The microphone features a 360° rotatable belt clip. Attach the clip to a convenient location such as your shoulder, waist, or chest pocket. The clip is designed for firm attachment and easy adjustment.



Figure 2: Close-up view of the microphone's connector and coiled cable, ready for attachment to a compatible radio.



Figure 3: Illustration of the 360-degree rotatable belt clip on the back of the microphone, allowing for flexible positioning.

Operating Instructions

- **Push-To-Talk (PTT) Function:** The SQ-27K features dual PTT buttons (PTT A and PTT B). Press and hold either PTT button to transmit your voice. Release the button to listen.
- **Important Note on PTT:** The dual PTT buttons are for transmitting only and**do not** change radio channels. Channel selection must be performed directly on your two-way radio.
- **Clear Sound Output:** The microphone is equipped with a 45mm loudspeaker designed to provide clear and loud audio, even in noisy environments.
- **Volume Adjustment:** Adjust the volume directly on your connected two-way radio. The microphone's speaker output

will reflect the radio's volume setting.

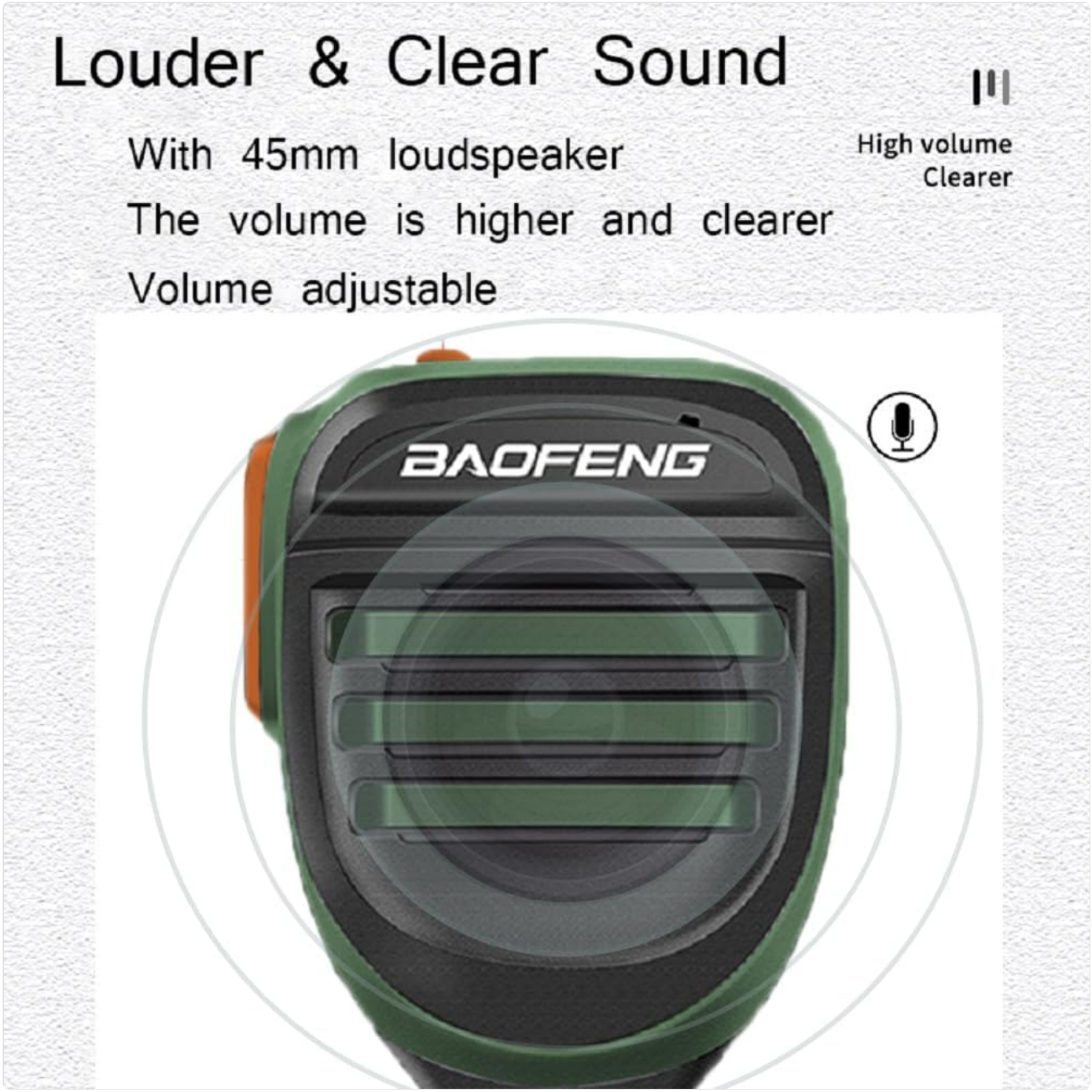


Figure 4: Diagram highlighting the two PTT buttons (PTT A and PTT B) on the microphone, indicating their function for transmission.



Figure 5: Image illustrating the microphone's loudspeaker, emphasizing its capability for louder and clearer sound output.

Maintenance

- **Water and Dust Resistance:** The SQ-27K microphone is designed with water and dust resistant features. While it can withstand exposure to rain and dusty conditions, avoid submerging it in water for extended periods.
- **Cleaning:** To clean the microphone, wipe it with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners, as these may damage the surface or internal components.
- **Cable Care:** The microphone features a TPU flexible cable, designed for durability and anti-fracture properties. Avoid excessive pulling or sharp bending of the cable to prolong its lifespan.

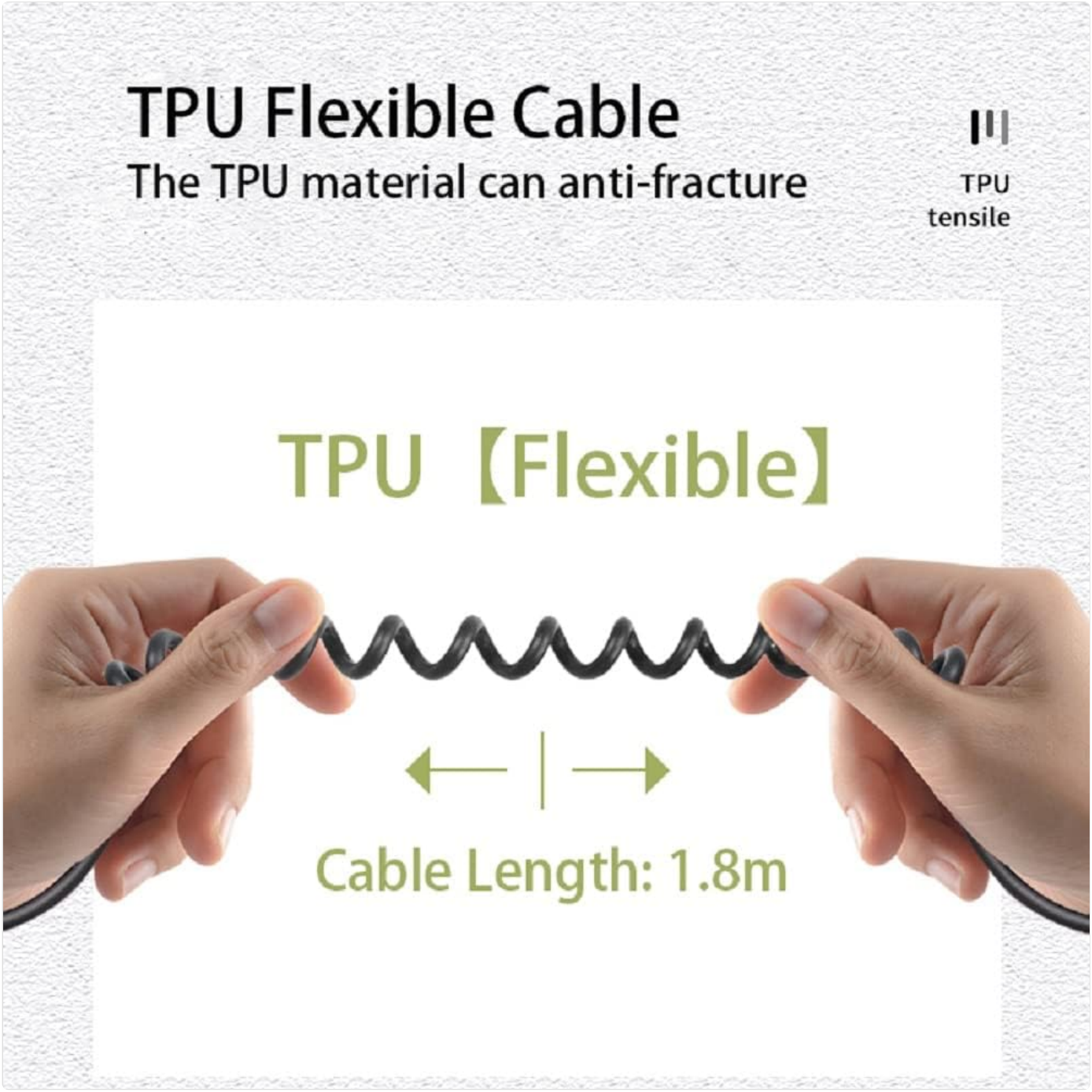


Figure 6: Visual representation of the TPU flexible cable, highlighting its durability and anti-fracture design, with a total length of 1.8 meters.

Troubleshooting

Issue: Muffled or unclear audio transmission.
Solution:

- Ensure the microphone is held at an appropriate distance from your mouth (typically 2-5 cm) when speaking.
- Verify that the microphone's connector is securely seated in the radio's port.
- Check the radio's audio settings to ensure proper microphone gain.

Issue: Dual PTT buttons do not change channels.
Solution: This is expected behavior. The dual PTT buttons on the SQ-27K microphone are designed exclusively for Push-To-Talk functionality (transmitting voice) and do not control channel selection. Channel changes must be made directly on your two-way radio unit.

Specifications

Brand	BAOFENG
Model	SQ-27K
Feature	Waterproof, Dust Resistant
Type	Dual PTT Microphone Speaker
Connector Jack	BAOFENG Waterproof Type
Net Weight	0.1 kg (approximately 3.53 ounces)
Material	Plastic (housing), TPU (cable)
Cable Length	1.8 meters (approximately 5.9 feet)
Compatible Radios	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, GMRS-9R Series.

Warranty and Support

Warranty: A 3-month warranty is provided for this product. This warranty is offered exclusively through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims.
Support: For any questions regarding compatible models, product functionality, or technical assistance, please contact Shiqun Electronics Co., Ltd. directly. Contact information can typically be found on your purchase receipt or the seller's platform.
Included Components: The product package includes the BAOFENG UV-9R Pro Microphone Speaker and a warranty card.

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