Banshee PMMN4025-01

Banshee PMMN4040 MotoTRBO APX Submersible Remote Speaker Microphone User Manual

MODEL: PMMN4025-01

1. Introduction

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Banshee PMMN4040 MotoTRBO APX Submersible Remote Speaker Microphone. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. Product Overview

The Banshee PMMN4040 Remote Speaker Microphone is designed for two-way radio communication, offering convenience and durability in various environments. It features a Push-To-Talk (PTT) button, an integrated speaker, and a 3.5mm audio jack for connecting optional earpieces.

Figure 2.1: Banshee PMMN4040 Remote Speaker Microphone, showing the microphone unit, coiled cable, and radio connector.

Key Features:

- Integrated Push-To-Talk (PTT) button for easy communication.
- Built-in speaker for clear audio reception.
- 3.5mm audio jack for connecting external earpieces.
- Heavy-duty construction, suitable for outdoor environments.
- Submersible design for enhanced durability.

Compatible Radio Models:

- Motorola MotoTRBO XPR6000 series, XPR7000 series

- Motorola APX2000, APX4000, APX8000H
- Motorola DGP5050E, DP3400, DP3600, DP4400, DP4600, DP4800
- Motorola GP328, GP338, GP5050, GP5550, GP8050, GP8550
- Motorola HT750, HT1250LS, HT1550
- Motorola MTX8250, MTX850, MTX9250, MTX950
- Motorola PR860, XIRP8600

3. Setup

1. **Connecting to the Radio:**

   Align the multi-pin connector of the remote speaker microphone with the accessory port on your compatible two-way radio. Gently push the connector into the port until it clicks securely into place. Ensure a firm connection to prevent signal loss.

   Figure 3.1: Detail of the multi-pin connector, showing the pins and securing screw.

2. **Securing the Microphone:**

   The microphone unit features a sturdy clip on its rear. Attach this clip to your uniform, belt, or other convenient

location for easy access during operation.

Figure 3.2: Rear view of the microphone unit, highlighting the robust clip for attachment.

3. **Optional Earpiece Connection:**

   If using an external earpiece, plug its 3.5mm jack into the audio port located on the side of the microphone unit.

Figure 3.3: Side view of the microphone, indicating the 3.5mm audio jack for earpiece connection.

4. Operating Instructions

1. **Transmitting (Push-To-Talk - PTT):**

   To transmit your voice, press and hold the large PTT button located on the side of the microphone unit. Speak clearly into the microphone. Release the PTT button to stop transmitting and return to receive mode.

2. **Receiving Audio:**

   Audio from your radio will be broadcast through the integrated speaker on the microphone unit. If an earpiece is connected to the 3.5mm jack, audio will be routed to the earpiece instead of the speaker.

3. **Volume Adjustment:**

   Adjust the volume directly on your two-way radio. The remote speaker microphone does not have independent volume controls.

5. Maintenance

- **Cleaning:** Due to its submersible design, the microphone can be rinsed with fresh water to remove dirt or debris. Ensure the 3.5mm jack cover (if present) is securely closed before rinsing. Do not use harsh chemicals

or abrasive cleaners. Allow to air dry completely before re-connecting to the radio.

- **Storage:** Store the microphone in a clean, dry environment away from extreme temperatures and direct sunlight. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the cable, connectors, and microphone housing for any signs of wear, damage, or corrosion. Replace the unit if significant damage is observed.

6. Troubleshooting

Problem	Possible Cause	Solution
No audio from speaker/earpiece.	Microphone not fully connected. Radio volume too low. Faulty earpiece (if used).	Ensure connector is securely seated. Increase radio volume. Test with a different earpiece or without one.
Cannot transmit (PTT not working).	Microphone not fully connected. PTT button malfunction.	Ensure connector is securely seated. Test with another compatible microphone if available.
Intermittent connection.	Loose connection. Damaged cable or connector.	Re-seat the connector firmly. Inspect cable for visible damage.

7. Specifications

- **Model:** PMMN4025-01 (Compatible with PMMN4024, PMMN4024A, PMMN4025, PMMN4025A, PMMN4040, PMMN4040A)
- **Brand:** Banshee
- **Connector Type:** Multi-pin radio connector, 3.5 mm audio jack
- **Special Feature:** Heavy Duty, Submersible, Easy Push-To-Talk
- **Microphone Form Factor:** Handheld
- **Included Components:** Remote Speaker Microphone
- **Color:** Black
- **UPC:** 810112709018

8. Warranty and Support

For warranty information and technical support, please contact the seller or manufacturer directly. You can visit the official Banshee store on Amazon for more information:

Visit the Banshee Store