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> MaximalPower Speaker Mic for Motorola Two Way Radio CP200 CP200D CP110 CP185 PR400 BPR40 CLS1110 CLS1410 RDU2080D RDU4100 RMU2040 2 Pin Microphone with 3.5mm Listen only Acoustic Tube Earpiece User Manual

MaximalPower CP200 Series Speaker Mic

MaximalPower Speaker Mic with Acoustic Tube Earpiece User Manual

Model: CP200 Series Speaker Mic

1. INTRODUCTION

This user manual provides essential information for the proper setup, operation, and maintenance of your MaximalPower Speaker Mic with Acoustic Tube Earpiece. Designed for use with compatible Motorola two-way radios, this accessory enhances communication clarity and convenience, especially in environments requiring discreet listening or hands-free operation.

2. PRODUCT OVERVIEW AND FEATURES

The MaximalPower Speaker Mic and Acoustic Tube Earpiece combination offers robust performance and user-friendly design. Key features include:

- **Excellent Audio Quality:** Provides clear sound reception and transmission, even in noisy environments.
- **Rugged Construction:** Built to withstand demanding use.
- **Push-To-Talk (PTT) Button:** Conveniently located on the speaker mic for easy communication activation.
- **Rotatable Back Clip:** Allows for secure and flexible attachment to clothing or gear.
- **3.5mm Listen-Only Acoustic Tube Earpiece:** Offers discreet and clear audio reception.
- **Water Resistant:** Designed to resist moisture for reliable performance.



This image displays the complete MaximalPower speaker microphone and the included acoustic tube earpiece. The speaker mic features a coiled cord and a 2-pin connector, while the earpiece has a clear coiled tube and a 3.5mm jack.



This image highlights the rotatable back clip located on the rear of the speaker microphone. The clip allows for secure attachment to clothing or gear, providing flexibility in positioning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x MaximalPower Palm Speaker Mic for Motorola Two-Way Radios
- 1x Two-way Radio Headset with Acoustic Coil Tube and Earbud (3.5mm Listen-Only Earpiece)

4. COMPATIBILITY

This speaker mic and earpiece combination is compatible with a wide range of Motorola two-way radio models, including but not limited to:

- **CP Series:** CP88, CP100, CP110, CP125, CP150, CP185, CP200, CP200D, CP200 XLS
- **CT Series:** CT150, CT250, CT450, CT450LS
- **GP Series:** GP68, GP88, GP280, GP300, GP308, GP350, GP2000
- **P Series:** P040, P080, P110, P1225, P1225LS, P2000
- **PR Series:** PR400
- **BPR Series:** BPR40, BPR20, BRP40, BPR40D
- **CLS Series:** CLS1110, CLS1401, CLS1410
- **RDU/RMU/RDV Series:** RDU2020, RDU2080D, RDU4100, RDU4103, RDU4160D, RDU4163D, RMU2040, RMU2043, RMM2050, RMU2080, RMU2080D, RDV2020, RDV2080D, RDV5100
- **Other Models:** EP450, GTX, MTH500, SP10, SP21, SP50, LTS2000, BC10, BC90, BC120, BC130, DTR Series, GTI, XV1100, XV2100, XTN446, XTN500, XTN600, XU1100, XU2100, VL50, VL130



A detailed view of the two-pin connector for the speaker microphone and the 3.5mm audio jack for the listen-only acoustic tube earpiece. These connectors ensure compatibility with various Motorola two-way radio models.

5. SETUP INSTRUCTIONS

Follow these steps to set up your speaker mic and earpiece:

1. **Connect Speaker Mic:** Locate the 2-pin accessory port on your compatible Motorola two-way radio. Align the two pins of the speaker mic connector with the radio's port and gently push until it clicks securely into place.
2. **Connect Earpiece:** Insert the 3.5mm jack of the acoustic tube earpiece into the dedicated 3.5mm audio port located on the side of the speaker microphone. Ensure it is fully inserted for proper audio transmission.
3. **Secure Speaker Mic:** Use the rotatable back clip on the speaker mic to attach it securely to your shirt collar, lapel, or other convenient location. Adjust the position for optimal comfort and accessibility.
4. **Position Earpiece:** Place the acoustic tube earpiece comfortably in your ear. Adjust the tube for a snug fit that allows clear audio reception.



For Two Way Radio Speaker Mic and other audio accessories with 3.5mm Jack connector



An illustration of the speaker microphone and acoustic tube earpiece in use. The speaker mic is clipped to the user's shirt, and the earpiece is worn in the ear, demonstrating practical application with a two-way radio.

6. OPERATING INSTRUCTIONS

Once connected, operating the speaker mic and earpiece is straightforward:

- **Receiving Audio:** All incoming radio transmissions will be routed through the acoustic tube earpiece, allowing for discreet listening.
- **Transmitting Audio (Push-To-Talk):** To speak, press and hold the large Push-To-Talk (PTT) button located on the side of the speaker microphone. Speak clearly into the microphone grille. Release the PTT button when you are finished speaking to return to receive mode.
- **Volume Control:** Adjust the volume directly on your two-way radio. The speaker mic and earpiece do not have independent volume controls.

7. MAINTENANCE

Proper care will extend the life and performance of your speaker mic and earpiece:

- **Cleaning:** Wipe the speaker mic and earpiece with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the accessory in a clean, dry place away from extreme temperatures and direct sunlight when not in use.
- **Cable Care:** Avoid sharp bends or kinks in the cables. Do not pull on the cables to disconnect the unit from the radio or earpiece.
- **Earpiece Hygiene:** Regularly clean the earbud tip of the acoustic tube earpiece for hygiene and optimal sound quality. Replace the earbud if it becomes worn or damaged.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No audio from earpiece	Earpiece not fully inserted; Radio volume too low; Earpiece or cable damage.	Ensure 3.5mm jack is fully inserted. Increase radio volume. Test with another earpiece if available.
No transmission from mic	Speaker mic not fully connected; PTT button not pressed; Mic port on radio faulty.	Ensure 2-pin connector is fully seated. Press and hold PTT button firmly. Test with another speaker mic if available.
Distorted or unclear audio	Loose connection; Environmental interference; Damaged cable.	Check all connections. Move away from sources of interference. Inspect cables for visible damage.

9. SPECIFICATIONS

Attribute	Detail
Brand	MaximalPower

Attribute	Detail
Model	Speaker Mic with Acoustic Tube Earpiece
Connectivity Technology	XLR (2-pin connector for radio, 3.5mm for earpiece)
Color	Black
Item Weight	4.8 ounces
Product Dimensions	6.5 x 3.6 x 3.6 inches
Special Feature	Rotatable Clip
Polar Pattern	Unidirectional

10. WARRANTY AND CUSTOMER SUPPORT

MaximalPower is a USA-based brand committed to providing quality products and excellent customer service. This product comes with a warranty. For any inquiries, technical assistance, or warranty claims, please contact MaximalPower customer support through their official channels or the retailer from whom the product was purchased. For more information, visit the [MaximalPower Store on Amazon](#).

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