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› Icom HM234 Hand Speaker Microphone User Manual

ICOM HM169

Icom HM234 Hand Speaker Microphone User Manual

Model: HM169

INTRODUCTION

The Icom HM234 Hand Speaker Microphone is designed for use with Icom Avionics Radios, including models A24, A14, A6, A4, A3, and A22. This accessory provides clear audio transmission and reception, enhancing communication capabilities for aviation enthusiasts and professionals. Its robust design ensures reliable performance in various environments.



Image: The Icom HM234 Hand Speaker Microphone, featuring a black handheld unit with a speaker grille and microphone, connected by a coiled cord to a two-pin audio connector.

SAFETY INFORMATION

Please read and understand all safety instructions before using the HM234 Hand Speaker Microphone. Failure to follow these instructions may result in injury or damage to the device.

- Do not expose the microphone to extreme temperatures, direct sunlight, or excessive moisture.

- Avoid dropping or subjecting the device to strong impacts.
- Keep the microphone away from strong magnetic fields.
- Do not attempt to disassemble or modify the microphone. Refer all servicing to qualified personnel.
- Ensure the connector is properly aligned and securely inserted into the radio's port to prevent damage.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Icom HM234 Hand Speaker Microphone (1)

SETUP

Follow these steps to connect your HM234 Hand Speaker Microphone to your Icom Avionics Radio:

1. **Identify the Audio Port:** Locate the external speaker/microphone port on your Icom Avionics Radio. This is typically a multi-pin connector.
2. **Connect the Microphone:** Carefully align the two-pin connector of the HM234 with the corresponding port on your radio. Gently push the connector in until it is fully seated. Do not force the connection.
3. **Secure the Connection:** Ensure the connection is firm to prevent accidental disconnection during use.
4. **Radio Settings (Important):** Some Icom radio models may require a specific setting adjustment to optimize audio performance with external accessories like the HM234. If you experience audio feedback or squealing when transmitting, refer to your radio's user manual for instructions on adjusting external microphone gain or audio input settings. This adjustment is crucial for clear communication.

Once connected, the microphone is ready for operation.

OPERATING INSTRUCTIONS

The HM234 Hand Speaker Microphone simplifies communication with your Icom Avionics Radio.

- **Receiving Audio:** Audio from the radio will be output through the speaker on the front of the HM234. Adjust the radio's volume control for comfortable listening.
- **Transmitting:**
 - a. Press and hold the Push-To-Talk (PTT) button located on the side of the microphone.
 - b. Speak clearly into the microphone grille, holding the microphone approximately 2-5 inches (5-12 cm) from your mouth.
 - c. Release the PTT button when you have finished speaking to return to receive mode.
- **Microphone Placement:** For optimal voice clarity, ensure the microphone is not obstructed and is positioned correctly when speaking.

MAINTENANCE

Proper care will extend the life of your HM234 Hand Speaker Microphone:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the microphone. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no moisture enters the speaker grille or microphone opening. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the microphone in a clean, dry place, away from direct sunlight and extreme

temperatures. Avoid tightly coiling the cord to prevent damage.

- **Connector Care:** Keep the connector pins clean and free of debris. Avoid bending or damaging the pins.

TROUBLESHOOTING

If you encounter issues with your HM234 Hand Speaker Microphone, try the following solutions:

Problem	Possible Cause	Solution
No audio from speaker	Microphone not fully connected. Radio volume too low. Radio speaker output disabled.	Ensure the connector is fully seated. Increase the radio's volume. Check radio settings to ensure external speaker output is enabled.
No transmission / Poor transmission quality	PTT button not pressed. Microphone not positioned correctly. Radio settings (e.g., external mic gain) incorrect. Damaged cable or connector.	Press and hold the PTT button firmly. Speak directly into the microphone grille. Refer to your radio's manual to adjust external microphone settings. Inspect cable and connector for visible damage.
Squealing or feedback when transmitting	Radio's external microphone gain too high. Proximity to radio's internal speaker.	Adjust radio settings: This is a common issue. Refer to your radio's user manual to find and adjust the external microphone gain or input level. Lowering this setting typically resolves the squealing. Increase distance between the microphone and the radio's main speaker.

If the problem persists after trying these solutions, contact Icom customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	ICOM
Model Number	HM169 (Product listing shows HM234, but specifications list HM169 as item model number)
Manufacturer	Icom America
Compatible Devices	Radio, Speaker (Specifically Icom Avionics Radio A24, A14, A6, A4, A3, A22)
Connectivity Technology	XLR
Connector Type	XLR (Two-pin connector for Icom radios)

Feature	Detail
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional
Signal-to-Noise Ratio	58 dB
Item Weight	10 ounces (283.5 grams)
Product Dimensions (L x W x H)	8 x 4 x 6 inches (20.32 x 10.16 x 15.24 cm)
Power Source	Corded Electric (Powered by radio)
Included Components	Microphone
Date First Available	May 20, 2016

Note: While the product title refers to HM234, the item model number listed in specifications is HM169. Please verify compatibility with your specific radio model.

WARRANTY AND SUPPORT

This Icom product is manufactured by Icom America. For specific warranty information, please refer to the documentation included with your purchase or visit the official Icom America website. Icom typically provides a limited warranty against defects in materials and workmanship.

For technical support, service, or warranty claims, please contact Icom America directly. Their official website usually provides contact details, FAQs, and service center locations.

Icom America Official Website: www.icomamerica.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B076DTTZ75>

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