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› YAESU MH-48A6JA DTMF Hand Microphone User Manual

YAESU MH-48A6JA

User Manual

YAESU MH-48A6JA DTMF HAND MICROPHONE

Model: MH-48A6JA

Introduction

The YAESU MH-48A6JA is a DTMF (Dual-Tone Multi-Frequency) hand microphone designed for use with various YAESU mobile transceivers. This microphone is functionally identical to the MH-48A6J, with the added feature of telephone-type alphabet characters printed above the numeric keys (2-9) to facilitate APRS® (Automatic Packet Reporting System) and Packet radio operations. It provides essential controls for radio communication, including Push-To-Talk (PTT) functionality and DTMF tone generation for various radio functions.

Compatible Transceivers:

- FTM-350
- FT-1900
- FT-1900R
- FT-1907
- FT-2900
- FT-2900R
- FT-7800R
- FT-7900
- FT-8800
- FT-8800R
- FT-8900
- FT-8900R

Product Overview



Image: The YAESU MH-48A6JA DTMF Hand Microphone. This image displays the black handheld microphone unit, featuring a numeric keypad with additional alphabet characters for APRS/Packet use, along with several function buttons. A coiled cord extends from the microphone, terminating in an RJ-style modular connector, which is used to connect the microphone to compatible Yaesu transceivers.

Setup

1. **Power Off Transceiver:** Before connecting the microphone, ensure your YAESU transceiver is powered off to prevent any potential damage.
2. **Locate Microphone Port:** Identify the modular microphone port on your transceiver. This is typically an RJ-style jack.
3. **Connect Microphone:** Carefully insert the RJ-style connector of the MH-48A6JA microphone into the transceiver's microphone port until it clicks securely into place. Do not force the connector.
4. **Power On Transceiver:** Once the microphone is securely connected, you may power on your transceiver. The microphone is now ready for operation.

Operating Instructions

The MH-48A6JA microphone provides intuitive controls for radio communication.

- **Push-To-Talk (PTT) Button:** Located on the side of the microphone. Press and hold this button to transmit your voice. Release the button to receive.
- **Numeric Keypad (0-9, *, #):** Use these keys to input DTMF tones for various radio functions, such as remote control, autopatch, or accessing repeater features.
- **Alphabet Characters (A-Z):** Printed above the numeric keys (2-9). These characters are primarily used for entering text strings in APRS® or Packet radio applications, depending on your transceiver's capabilities. Refer to your transceiver's manual for specific instructions on using these characters.
- **Function Buttons (F1, F2, F3, F4, etc.):** The microphone includes programmable function buttons. The specific functions assigned to these buttons are determined by your transceiver's settings. Consult your transceiver's instruction manual to customize and utilize these functions.
- **Up/Down Buttons:** Typically located near the top of the keypad. These buttons are commonly used for frequency tuning, memory channel selection, or menu navigation on your transceiver.

Maintenance

Proper care will ensure the longevity and reliable performance of your MH-48A6JA microphone.

- **Cleaning:** Use a soft, dry cloth to wipe the microphone's surface. For stubborn dirt, a slightly damp cloth with mild soap can be used, but ensure no moisture enters the microphone grille or button areas. Do not use abrasive cleaners or solvents.

- **Cord Care:** Avoid excessive pulling, twisting, or sharp bending of the coiled cord, as this can damage the internal wiring.
- **Storage:** When not in use, store the microphone in a clean, dry environment, away from extreme temperatures, direct sunlight, and high humidity.
- **Connector Protection:** Protect the RJ-style connector from dirt, dust, and physical damage. Avoid bending the small plastic clip.

Troubleshooting

If you experience issues with your MH-48A6JA microphone, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No audio transmission	Microphone not fully connected; PTT button not pressed; Transceiver microphone settings incorrect; Damaged microphone cable.	Ensure the RJ-style connector is securely seated. Press and hold the PTT button firmly. Check your transceiver's menu for microphone gain or input settings. Inspect the cable for visible damage.
DTMF tones not recognized	Incorrect key press; Transceiver DTMF settings incorrect; Low microphone gain.	Ensure keys are pressed firmly and individually. Verify DTMF settings in your transceiver's menu. Adjust microphone gain if available.
Buttons (Up/Down, Function) not responding	Transceiver not recognizing microphone; Buttons not programmed or enabled.	Ensure the microphone is properly connected. Refer to your transceiver's manual to confirm button programming and enable relevant functions.
Intermittent operation	Loose connection; Damaged cable or connector.	Reseat the microphone connector. Inspect the cable and connector for any signs of wear or damage.

If these steps do not resolve the issue, contact YAESU customer support or a qualified service technician.

Specifications

Feature	Detail
Model Number	MH-48A6JA
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional
Connectivity Technology	XLR (Note: This is likely a misclassification in the source data, as it uses an RJ-style connector for radio communication.)
Connector Type	XLR (Note: This is likely a misclassification in the source data, as it uses an RJ-style connector for radio communication.)
Color	Black
Item Weight	6.4 ounces (approx. 181 grams)

Feature	Detail
Package Dimensions	5.28 x 3.46 x 2.48 inches
Included Components	Microphone
Compatible Devices	FTM-350, FT-1900, FT-1900R, FT-1907, FT-2900, FT-2900R, FT-7800R, FT-7900, FT-8800, FT-8800R, FT-8900, FT-8900R

Note: "XLR" listed under Connectivity Technology and Connector Type in some specifications may be a general classification and not specific to the actual RJ-style connector used for radio transceivers. The MH-48A6JA uses a standard modular RJ-style connector for connection to compatible Yaesu radios.

Warranty and Support

Specific warranty terms and conditions for the YAESU MH-48A6JA DTMF Hand Microphone are typically provided with the product at the time of purchase or can be found on the official YAESU website. Please retain your proof of purchase for warranty claims.

For technical support, service, or further inquiries, please contact YAESU customer service directly through their official website or authorized service centers. Always refer to the latest information provided by the manufacturer.

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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

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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

