

Kymate MT600-PI01

Kymate PI01 Speaker Microphone User Manual

Model: MT600-PI01

INTRODUCTION

Thank you for choosing the Kymate PI01 Speaker Microphone. This heavy-duty speaker microphone is designed to provide clear and reliable communication for your compatible two-way radios. Featuring robust construction and high-quality audio components, it ensures effective voice transmission even in challenging environments. This manual provides essential information for the proper setup, operation, and maintenance of your new speaker microphone.

PRODUCT FEATURES

- **Heavy Duty Construction:** Housing made of high-impact engineering plastic for durability.
- **Durable Cable:** PU cable reinforced by Kevlar fiber, featuring high tensile strength and a long-life design coiled cord.
- **Rugged Detachable Clip:** Includes a replaceable swivel clip for secure attachment.
- **Audio Jack:** Equipped with a 3.5mm audio jack for connecting an external earpiece (not included).
- **Clear Audio:** High-quality omni-directional microphone and electret speaker enable voice to be transmitted clearly even in loud environments.



Figure 1: Overview of the Kymate PI01 Speaker Microphone. This image shows the main unit with its speaker grille and PTT button, the coiled cable, and the 2-pin connector designed for compatible ICOM radios.

COMPATIBILITY

The Kymate PI01 Speaker Microphone is compatible with a wide range of ICOM two-way radio models. Please ensure your radio model is listed below for proper functionality:

- **ICOM IC-F Series:** IC-F3, F10, F11, F12, F14, F15, F16, F20, F21, F22, F24, F25, F26, F33, F34, F43, F44, F3000, F3001, F3002, F3003, F3011, F4000, F4001, F4002, F4003, F4011, F3021, F3022, F3023, F3026, F4021, F4022, F4023, F4026, F3031, F3101, F4031, F4101.
- **ICOM IC-V Series:** V8, V80, V80E, V82, V85.

Notice: If your specific walkie-talkie model is not listed above, please consult the product listing or contact Kymate customer support to confirm compatibility before purchase.



Figure 2: Detail of the 2-pin connector. This image highlights the specific dual-pin configuration required for compatible ICOM two-way radios, ensuring a secure and proper connection.

PACKAGE CONTENTS

Upon opening your package, please verify that all the following items are included:

- 1 x Kymate PI01 Speaker Microphone (Model: MT600-PI01)
- 1 x Warranty Card

SETUP

1. **Identify the Radio Connector Port:** Locate the external speaker/microphone port on your compatible ICOM two-way radio. This is typically covered by a rubber flap.
2. **Connect the Microphone:** Align the 2-pin connector of the Kymate PI01 Speaker Microphone with the corresponding ports on your radio. Gently push the connector firmly into place until it is fully seated. Do not force the connection.
3. **Secure the Clip:** Attach the rugged detachable swivel clip to your uniform, belt, or pocket for convenient access. Ensure the clip is securely fastened to prevent accidental detachment.
4. **Optional Earpiece Connection:** If you wish to use an external earpiece (not included), plug its 3.5mm jack into the audio port located on the side of the speaker microphone unit.



Figure 3: Side view illustrating the 3.5mm audio jack. This port allows for the connection of an optional external earpiece for private listening.

OPERATING INSTRUCTIONS

1. **Power On Radio:** Ensure your two-way radio is powered on and set to the desired channel.
2. **Receiving Audio:** Audio from the radio will now be routed through the speaker on the Kymate PI01 microphone. Adjust the radio's volume control to your preferred listening level.
3. **Transmitting (Push-to-Talk - PTT):** To transmit, press and hold the large Push-to-Talk (PTT) button located on the side of the microphone unit. Speak clearly into the microphone, holding it approximately 2-5 cm (1-2 inches) from your mouth.
4. **Release PTT:** Release the PTT button when you have finished speaking to return to receive mode.



Figure 4: Front view of the microphone unit. This image shows the speaker grille for clear audio output and the prominent Push-to-Talk (PTT) button for transmitting.

MAINTENANCE

- **Cleaning:** Wipe the microphone's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is dry before re-connecting to the radio.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid sharp bends or kinks in the coiled cable to prevent internal wire damage. Do not pull the cable to disconnect the microphone from the radio; always grasp the connector itself.
- **Clip Replacement:** The swivel clip is detachable and replaceable. If the clip becomes damaged, it can be unscrewed and replaced with a new one (replacement clips sold separately).



Figure 5: Rear view of the microphone unit. This image displays the robust, detachable swivel clip, which can be replaced if needed, and the model designation "MT600".

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No audio from speaker mic.	◦ Microphone not fully connected. ◦ Radio volume too low. ◦ Radio not powered on. ◦ Incorrect radio model.	◦ Ensure the 2-pin connector is fully seated. ◦ Increase the radio's volume. ◦ Turn on the radio. ◦ Verify radio model compatibility.
Cannot transmit (PTT button unresponsive).	◦ Microphone not fully connected. ◦ Radio not in transmit mode (e.g., scanning). ◦ Faulty PTT button.	◦ Ensure the 2-pin connector is fully seated. ◦ Check radio's operating mode. ◦ Contact customer support if PTT button is physically damaged or unresponsive.
Distorted or unclear audio.	◦ Microphone too far/close from mouth. ◦ Environmental noise. ◦ Damaged cable or connector.	◦ Adjust microphone distance (2-5 cm). ◦ Move to a quieter location if possible. ◦ Inspect cable and connector for visible damage.

SPECIFICATIONS

Brand	Kymate
Model Number	MT600-PI01
Connectivity Technology	Auxiliary
Connector Type	2-pin for ICOM radios, 3.5 mm Jack for earpiece
Special Feature	Detachable Swivel Clip
Compatible Devices	ICOM Two-Way Radios (specific models listed in Compatibility section)
Polar Pattern	Omnidirectional
Power Source	Corded Electric (powered by radio)
UPC	737590619205

WARRANTY AND SUPPORT

Kymate provides a **12-Month Warranty** for the PI01 Speaker Microphone, ensuring peace of mind with your purchase. This warranty covers manufacturing defects and ensures the product performs as expected under normal use.

For any questions, concerns, or warranty claims, please do not hesitate to contact Kymate customer service. We are committed to providing friendly and helpful support to resolve any issues you may encounter.

Additionally, the product is subject to a **30-day return policy** (refund/replacement) from the date of purchase, as per standard retail terms.

Contact information for support can typically be found on the warranty card included in your package or on the official Kymate

website.

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