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Icom HM-167 Speaker Microphone



PRODUCT INFORMATION

Icom HM-167 M71/GM1600 WATERPROOF SPEAKER MIKE

- The HM-167 has been designed for marine users who require a lightweight IPX7 waterproof speaker microphone.
- The HM-167 enables the IC-M71, IC-M73, IC-M90 or IC-GM1600E VHF's to be safely stowed in a pocket for hands free communication.

Key Features

- Full-sized waterproof speaker-microphone
- Including an alligator-type clip to attach to your shirt or collar, etc.

Specifications

- **Connector information** – 4-pin
- **Cable Length** – 335 mm; 13.2 in (when curled)
- **Waterproof** – IPX8

- **Weight** – 127 g
- **Type:** Electret condenser type
- **Directional Characteristics** Unidirectional
- **Impedance** 1.3K ohm
- **Frequency Response** 400 ~ 10,000 Hz
- **Sensitivity** -27dB \pm 6dB at 1000Hz (Level control in max. position) 0dB = 1 μ ber
- **Weight** 310g (including Cord and Connector)
- **Circuit** as per the following chart

PLEASE NOTE: This is not compatible with the Icom M93D.

Components

- 1uF Electrolytic Capacitor
- 0.001 uF Capacitor (disc ceramic)
- 1k ohm Resistor (1/2 watt)

These components are fitted inside the microphone.

Connections

- Connect to mic insert or mic amplifier.
- Mic leads to the transceiver mic socket.
- +9 volts from transceiver.

FAQs

- **What is the purpose of the IC-SM5 microphone?**
 - The IC-SM5 microphone is designed to enhance operating convenience and improve the performance of Icom transceivers with a clear tone and good pickup capability.
- **Can the IC-SM5 microphone be used with non-Icom transceivers?**
 - Yes, but it requires modification as per the provided schematic diagram.
- **What type of microphone is the IC-SM5?**
 - The IC-SM5 is an electret condenser-type microphone with a built-in preamplifier.

Documents / Resources



[Icom HM-167 Speaker Microphone \[pdf\] Instructions](#)

HM-167 Speaker Microphone, HM-167, Speaker Microphone,
Microphone

References

- User Manual

ICOM HM-167, HM-167 Speaker Microphone, ICOM, Microphone, Speaker Microphone

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