

ICOM INSTRUCTIONS

DESKTOP MICROPHONE

SM-30

Thank you for purchasing the **SM-30** DESKTOP MICROPHONE. This is a unidirectional, electret microphone designed for base station operation with an Icom transceiver.

Please read these instructions thoroughly before using the microphone.

PRECAUTIONS

CAUTION: NEVER expose the microphone to rain, snow or any liquids.

CAUTION: NEVER let metal, wire, etc. touch any internal part of the microphone.

CAUTION: NEVER touch or operate the desktop microphone with wet hands.

DO NOT place the microphone in excessively dusty environments or in direct sunlight.

DO NOT use harsh solvents such as benzene or alcohol to clean the microphone, as they can damage the microphone's surfaces.

Place the microphone in a secure place to avoid inadvertent use by children.

This microphone is for the specified Icom transceivers only! — The microphone cannot be used with a non-Icom transceiver since the power is supplied from the connected transceiver.

About CE



The SM-30 complies with the essential requirements of the 2004/108/EC directive for Electromagnetic Compatibility.

SPECIFICATIONS

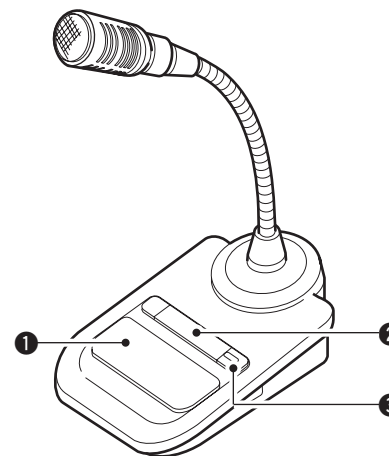
- Microphone type : Unidirectional electret condenser microphone (preamp built-in)
- Output impedance : $600 \Omega \pm 30\%$ (at MIC GAIN: Max)
- Sensitivity : $-28 \text{ dB} \pm 4 \text{ dB}$ (0 dB=1 V/Pa, at 1 kHz)
- Power requirements : 8 V DC (supplied from the transceiver)
- Cable length (approx.) : 1 m; 3 ft 3 $\frac{3}{8}$ in
- Weight (approx.) : 350 g; 12.3 oz

All stated specifications are subject to change without notice or obligation.

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PART NAMES AND FUNCTIONS

◇ TOP VIEW



1 PTT SWITCH

Push to transmit, then release to receive.

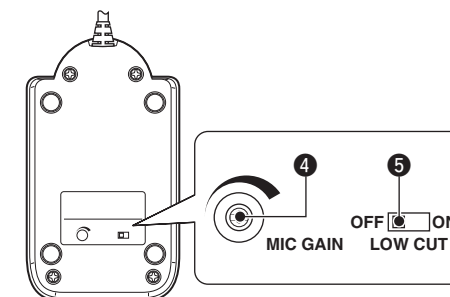
2 PTT LOCK SWITCH

Push to continuously transmit. The transmission continues until pushing this switch again.

3 PTT LOCK INDICATOR [LOCK]

Lights red when the PTT lock switch (2) is ON.

◇ BOTTOM VIEW



4 MIC GAIN VOLUME [MIC GAIN]

Rotate to adjust the microphone output level.

- Use this control as an adjunct to the microphone gain setting of the connected transceiver.

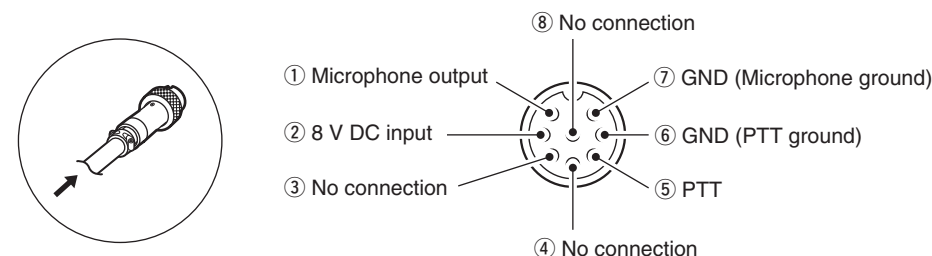
Rotating the control too far clockwise may result in an output level that is too high and transmit signal distortion.

5 LOW CUT SWITCH [LOW CUT]

Cuts out the low frequency components of input voice signals.

◇ PLUG PIN ASSIGNMENTS

The pins are described from the direction of the arrow in the illustration.



Icom Inc.

1-1-32 Kamiminami, Hirano-ku, Osaka 547-0003, Japan

Count on us!

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