

Thank you for choosing this Icom product. **READ ALL INSTRUCTIONS** carefully and completely before using this product.

The SM-30 is an unidirectional, electret microphone designed for base station operation with an Icom transceiver.

## PRECAUTIONS

**CAUTION: NEVER** expose the microphone to rain, snow or any liquids. The microphone may be damaged.

**CAUTION: NEVER** let metal, wire or other objects protrude into the microphone or into connector.

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

**CAUTION: NEVER** use harsh solvents such as benzene or alcohol when cleaning, because they will damage the microphone's surfaces.

**CAUTION: USE** with specified Icom transceivers only. Other manufacturer's transceivers have different pin assignments and may damage the transceiver or microphone if attached.

**DO NOT** operate or place the microphone in direct sunlight.

**DO NOT** place the microphone in excessively dusty environments.

Always place the microphone in a secure place to avoid inadvertent use by unauthorized person.

### About CE



The SM-30 complies with the essential requirements of the 2014/30/EU directive for Electromagnetic Compatibility and the 2001/95/EC directive for General Product Safety.

### DISPOSAL



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

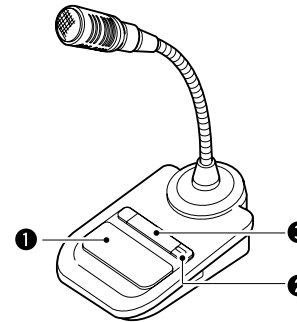
## SPECIFICATIONS

- Microphone type: Unidirectional electret condenser microphone (preamp built-in)
- Output impedance: 600 Ω ±30% (at MIC GAIN: Maximum)
- Sensitivity: -28 dB ±4 dB (0 dB=1 V/Pa, at 1 kHz)
- Power requirements: 8 V DC (supplied from the transceiver)
- Cable length (approximate): 1 m, 3 ft 3¾ in
- Weight (approximate): 350 g, 12.3 oz

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

## PART NAMES AND FUNCTIONS

### ◇ FRONT VIEW



#### ❶ PTT SWITCH

Push to transmit, then release to receive.

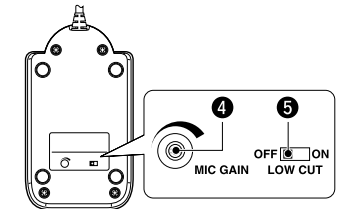
#### ❷ PTT LOCK SWITCH

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

#### ❸ PTT LOCK INDICATOR [LOCK]

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

### ◇ BOTTOM VIEW



#### ❹ MIC GAIN VOLUME [MIC GAIN]

Rotate to adjust the microphone output level.

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

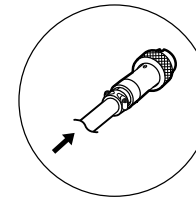
**NOTE:** Rotating the control too far clockwise may result in an output level that is too high and transmit signal distortion.

#### ❺ 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.



- ❶ Microphone output
- ❷ 8 V DC input
- ❸ No connection
- ❹ No connection
- ❺ PTT
- ❻ GND (PTT ground)
- ❼ GND (Microphone ground)
- ❽ No connection

Icom is not responsible for the destruction, damage to, or performance of any Icom or non-Icom equipment, if the malfunction is because of:

- Force majeure, including, but not limited to, fires, earthquakes, storms, floods, lightning, other natural disasters, disturbances, riots, war, or radioactive contamination.
- The use of Icom transceivers with any equipment that is not manufactured or approved by Icom.

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand, and/or other countries. and/or other countries.

Icom Inc.

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

Count on us!

A-6829X-1G-② Printed in Japan  
© 2010-2016 Icom Inc.