

# OM11 DYNAMIC VOCAL MICROPHONE

## OVERVIEW:

The OM11 is a re-issue of the original OM1, a hand-made microphone first issued in 1985. Designed, assembled, machined and tested by Audix in the USA, the OM11 is a dynamic vocal microphone used for a wide variety of live, studio, and broadcast applications. The OM11 is known for its sharp, crisp vocal sound, resistance to feedback and ability to handle high sound pressure levels without distortion.

The OM11 is characterized with a tight and uniformly controlled hypercardioid polar pattern which helps to isolate the vocals from the rest of the instruments on stage. With a wide frequency range of 50 Hz - 18 kHz, the OM11 employs a VLM™ (Very Low Mass) diaphragm for a very clean and natural sound with exceptional transient response.

The OM11 response is tailored to cut through the mix, providing presence and articulation to the vocals even at very high stage volumes. In addition to having extremely low handling noise, the OM11 is well balanced, comfortable to hold, durable and manufactured with very high standards and tight tolerances.

Roadworthy construction includes a two stage machined brass body, black e-coat finish, laser etched model and serial number, steel mesh grill, Switchcraft® or Audix XLR connector and heavy duty nylon clip.

## SUPPLIED ACCESSORIES:

Heavy duty nylon mic clip (MC1)  
Carrying Pouch (P1)

## OPTIONAL ACCESSORIES:

WS357 - External foam windscreen  
CBL-20 - 20' XLR-XLR Low noise cable  
T50K - Low to high impedance matching transformer



## FEATURES:

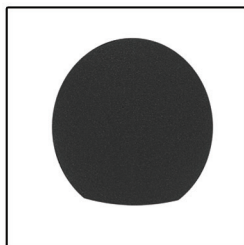
- Adds vocal presence to the mix
- Handles high SPL without distortion
- Extremely low handling noise
- Exceptional gain before feedback
- Provides excellent vocal isolation on stage
- 2-stage machined brass body
- Dent resistant steel spring grill
- 5 year warranty

## APPLICATIONS:

- Lead or backing vocals
- Live recording
- Broadcast
- Home studio- vocal and instrument



MC1



WS357



CBL-20



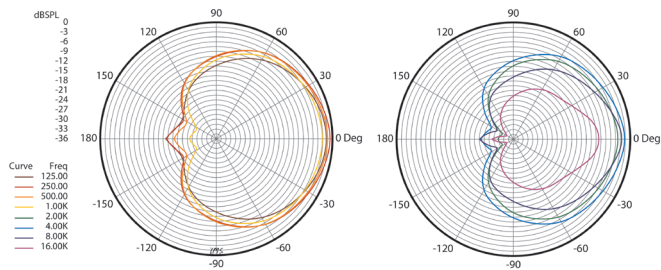
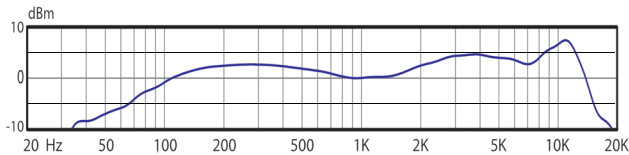
T50K

# OM11

**SPECIFICATIONS:**

<b>Transducer Type:</b>	<b>Dynamic</b>
<b>Frequency Response</b>	<b>50 Hz - 18 kHz</b>
<b>Polar Pattern</b>	<b>Hypercardioid</b>
<b>Output Impedance</b>	<b>200 ohms</b>
<b>Sensitivity</b>	<b>2.3 mV / Pa @ 1k</b>
<b>Capsule Technology</b>	<b>VLM Type B</b>
<b>Off Axis Rejection</b>	<b>&gt; 30 dB</b>
<b>Maximum SPL</b>	<b>≥140 dB</b>
<b>Power Requirements</b>	<b>None</b>
<b>Connector</b>	<b>Switchcraft® or Audix male XLR connector</b>
<b>Polarity</b>	<b>Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector</b>
<b>Housing / Finish</b>	<b>Machined brass / Black E-coat</b>
<b>Weight</b>	<b>370 g / 13 ounces</b>
<b>Length</b>	<b>179 mm / 7 inches</b>

**FREQUENCY / POLARS:**



**ARCHITECTS AND ENGINEERS SPECIFICATIONS:**

The microphone shall be of the dynamic type and the polar pattern of the microphone shall be hypercardioid. The nominal output impedance shall be equal to 200 ohms at 1 kHz. The microphone shall have a sensitivity of 2.3 mV / Pa at 1 kHz and a sound pressure level ≥140 dB. The microphone body shall be machined of brass and the grill cap shall be steel wire mesh. The overall dimensions shall be 21.7 mm in diameter at the base, 54 mm in diameter at the widest point on the grill and 179 mm in length. The microphone shall be the Audix OM11.

**OPERATION:**

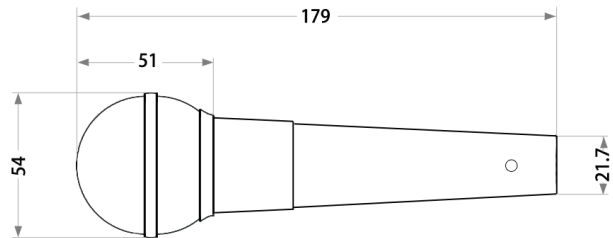
The OM11 is a low impedance microphone and should be plugged into the “mic level” input of your console, mixer, or recording device. Please note that your microphone does not require phantom power and will not be effected in any way by phantom power should it be running simultaneously while the microphone is in operation. Avoid plugging or unplugging the microphone from a PA system unless the channel is muted or the volume of the system turned down. Failure to do so may result in a loud “popping” noise which could seriously damage the speakers in the PA system.

**USER TIPS:**

The OM11 has a tight pick-up pattern in order to help eliminate sound from other instruments on stage from “bleeding” into the microphone. For best results, it is important to sing directly into the mic at close proximity (within 2 inches). When using floor monitors, position the microphone so that it is parallel to the floor. When using multiple microphones on a live performance stage, allow a distance of 2-3 feet between mics to avoid phase issues.

\*Further miking techniques may be found on our website at [www.audixusa.com](http://www.audixusa.com)

**DIMENSIONS (mm):**



\*\*\*All specifications subject to change without notice.

**SERVICE AND WARRANTY:**

This microphone is under warranty for a period of 5 years from any and all manufacturing defects. Should your microphone fail in any way, please contact the Audix Service department at 503-682-6933. A Return Authorization number is required before returning any products.

**CARE AND MAINTENANCE:**

The OM11 is manufactured to exacting specs with roadworthy construction. However, the capsule is highly sensitive and should be handled with care. Avoid extreme temperatures and be sure to store your microphone in the pouch provided when not in use. Moisture of any kind can adversely affect the sound and performance of your microphone.



[www.audixusa.com](http://www.audixusa.com)  
503-682-6933 Fax: 503-682-7114  
Audix Corporation 9400 SW Barber St. Wilsonville, OR 97070



**AUDIX WARRANTY REGISTRATION FORM**

Name: \_\_\_\_\_ Model: \_\_\_\_\_  
 Company: \_\_\_\_\_ Serial Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Store: \_\_\_\_\_  
 City: \_\_\_\_\_ Store Location: \_\_\_\_\_  
 Prov./State: \_\_\_\_\_ Zip: \_\_\_\_\_ Purchase Date: \_\_\_\_\_  
 Phone: ( ) \_\_\_\_\_ Signature: \_\_\_\_\_  
 Email: \_\_\_\_\_ Date: \_\_\_\_\_

Please Check all that apply:

Male  Female

Age:

- 18 or Under
- 19-25
- 26-35
- 36-45
- 46-55
- 55 +

Occupation:

- Musician
- Producer
- Sound Eng.
- Radio/TV
- Production
- Other \_\_\_\_\_

Primary Instruments:

- Vocal
- Guitar / Bass
- Drums
- Keyboard
- Brass
- Woodwinds
- Strings
- Other \_\_\_\_\_

Product to be used for:

- Pro live sound
- Pro recording
- Home recording
- Rehearsal
- Installation
- School
- House of Worship
- Other \_\_\_\_\_

How did you hear about Audix?

- Magazine Ad
- On-line Store
- Salesman
- Online Ad
- Friend
- Other \_\_\_\_\_

Do you own other Audix Products?  Yes  No

Model(s) \_\_\_\_\_

Have you visited the Audix website?  Yes  No

Please register your product online at [www.audixusa.com](http://www.audixusa.com) or mail this form to:  
 Audix Microphones P.O. Box 4010 Wilsonville, OR 97070