

# OM5 DYNAMIC VOCAL MICROPHONE

## OVERVIEW:

Designed, assembled, and tested by Audix in the USA, the OM5 is a dynamic vocal microphone used for stage, studio and broadcast applications. The OM5 is known for its clarity, resistance to feedback and ability to handle sound pressure levels in excess of 144 dB without distortion.

The OM5 is characterized with an extremely 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 48 Hz - 19 kHz, the OM5 employs a VLM™ (Very Low Mass) diaphragm for natural response, accurate sound reproduction, and exceptional transient response.

The OM5 is naturally attenuated at 120 Hz to reduce boominess and handling noise. The mid-range is tailored for presence allowing the vocalist to be more easily heard in the mains as well as the monitors. The OM5 is comfortable to hold, durable, and manufactured with high standards and tight tolerances.

Roadworthy construction includes a precision die cast zinc alloy body, black e-coat finish, laser etched model and serial number, steel mesh grill, Switchcraft® 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 microphone cable  
T50K - Low to high impedance matching transformer



## FEATURES:

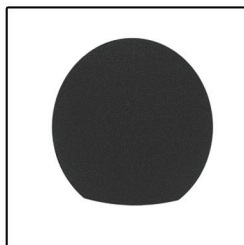
- Clear, accurate vocal reproduction
- Handles high SPL without distortion
- Low handling noise
- Provides exceptional gain before feedback
- Provides maximum vocal isolation on stage
- Dent resistant spring steel grill
- 5 year warranty

## APPLICATIONS:

- Lead or backing vocals
- Live recording
- Broadcast
- Home studio- vocal and instrument
- Sax, brass, guitar, dobro, flute, percussion, drums



MC1



WS357



CBL20

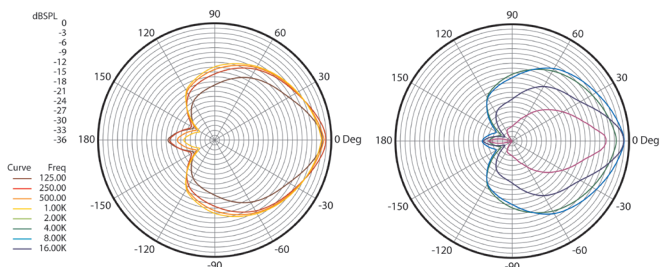
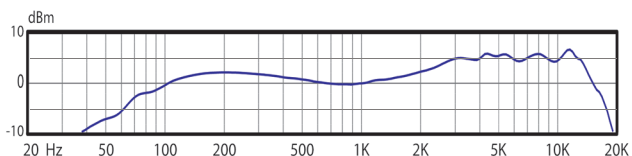


T50K

**SPECIFICATIONS:**

Transducer Type	Dynamic
Frequency Response	48 Hz - 19 kHz
Polar Pattern	Hypercardioid
Output Impedance	200 ohms
Sensitivity	1.8 mV / Pa @ 1k
Capsule Technology	VLM Type C
Off Axis Rejection	>30 dB
Maximum SPL	≥144 dB
Power Requirements	None
Connector	Switchcraft® male XLR
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing / Finish	Zinc Alloy / Black E-coat
Weight	307 g / 10.8 ounces
Length	176 mm / 6.9 inches

**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 1.8 mV / Pa at 1 kHz and a sound pressure level ≥144 dB. The microphone body shall be machined of dies cast zinc alloy and the grill cap shall be steel wire mesh. The overall dimensions shall be 23 mm in diameter at the base, 53 mm in diameter at the widest point on the grill and 176 mm in length. The microphone shall be the Audix OM5.

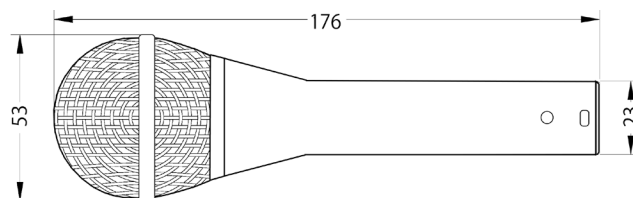
**OPERATION:**

The OM5 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 the 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 OM5 has an extremely 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 OM5 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.



Audix Corporation 9400 SW Barber St. Wilsonville, OR 97070

[www.audixusa.com](http://www.audixusa.com)  
503-682-6933 Fax: 503-682-7114



**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