



# AUDIX OMX-T Dynamic Vocal Micro Phone Instruction Manual

[Home](#) » [AUDIX](#) » AUDIX OMX-T Dynamic Vocal Micro Phone Instruction Manual 

## Contents

- 1 AUDIX OMX-T Dynamic Vocal Micro Phone
- 2 FEATURES
- 3 APPLICATIONS
- 4 OPTIONAL ACCESSORIES
- 5 SUPPLIED ACCESSORIES
- 6 OPERATION AND MAINTENANCE
- 7 SPECIFICATIONS
- 8 PICKUP PATTERN
- 9 USER TIPS
- 10 FREQUENCY RESPONSE
- 11 SERVICE AND WARRANTY:
- 12 Specifications
- 13 FAQ
  - 13.1 Q: What should I do if my microphone is exposed to extreme temperatures?
  - 13.2 Q: Can the OMX-T microphone handle high SPL levels?
  - 13.3 Q: How should I position myself while using the OMX-T microphone?
- 14 Documents / Resources
  - 14.1 References
- 15 Related Posts



## INSTRUCTION MANUAL

Designed, assembled and tested by AUDIX in the USA, the OMX-T is purposefully designed for vocalists with tight mic technique who must overcome the unique challenges of performing on a loud stage. Singers and sound engineers will instantly appreciate the isolation provided by OMX-T. Bleed from cymbals and other instruments becomes nearly inaudible which will instantly improve vocal clarity and gain before feedback in all mixes (FOH, Wedge Monitors and IEM's). In addition, OMX-T's extra tight pattern makes it a perfect solution for performers who tend to "cup" the microphone with one or both hands.

All OMX microphones feature a specially tuned and optimized dynamic capsule that utilizes the legendary and exclusive AUDIX VLM™ (Very Low Mass) diaphragm for natural sound and exceptional transient response.

OMX construction features include a precision die cast zinc alloy body with durable black E-coat finish and a newly designed dent resistant, steel mesh grille. A uniquely colored, anodized aluminum ring between the body and grille allows for quick and easy identification of all three models within the OMX range: Green: OMX-E (extended); Gold: OMX-M(mid-tight) and Silver: OMX-T (tight).



## FEATURES

- Tight control
- Ensures clear vocals – even on the loudest stages
- Unprecedented gain before feedback
- Handles extremely high SPLs without distortion
- Low handling Noise
- VLM Capsule
- Durable, steel mesh grille
- Designed, assembled & tested in the USA
- 5-year warranty

## APPLICATIONS

- Lead vocals on loud stages
- Singers who need isolation from onstage instruments in their IEM mixes
- Drummers who sing
- Rap / Hip Hop artists who “cup the mic”
- Snare drum – provides excellent isolation from hi hat cymbal bleed

## OPTIONAL ACCESSORIES

**WS357**

Optional high quality external foam windscreen for reducing wind, sibilance, and pop noise.

---

**CBL20 - 20'**

Premium XLR-XLR balanced mic cable. Quad conductor, twisted pair with braided shield for maximum conductivity. 6mm PVC jacketed.

---

**CBLDR25 - 25'**

Premium right angle XLR-XLR balanced mic cable. Quad conductor, twisted pair with braided shield for maximum conductivity. 6mm PVC jacketed.

---

**T50K**

Professional impedance matching transformer that allows a low impedance mic to be connected to a high impedance input.

---

**TRIPOD**

Metal tripod desktop stand for use with any 5/8" threaded mic clip.

---

## SUPPLIED ACCESSORIES

**MC1**

Heavy-duty nylon molded clip with brass insert.

---

**P1**

Carrying pouch.

---

## OPERATION AND MAINTENANCE

OMX Microphones are low impedance 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 affected 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.

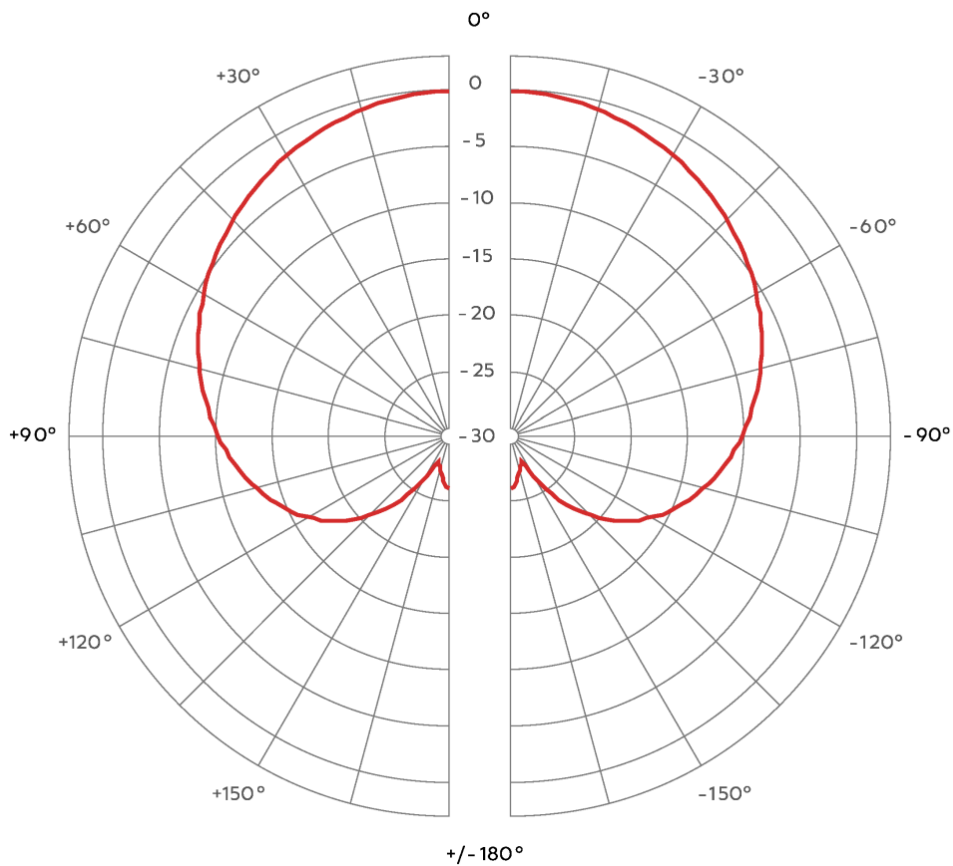
OMX Microphones are manufactured to exacting specs with rugged construction. However, the capsule is highly

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.

SPECIFICATIONS

Transducer Type	Dynamic
Frequency Range	(- 6dB) 52 Hz to 17 kHz
Polar Pattern	Supercardioid
Output Impedance	50 Ohms
Sensitivity	0.82 mVrms / Pa @ 1kHz / @ 0.5 meter
Capsule Technology	VLM
Maximum SPL	> 144 dB SPL
Power Requirements	None
Connector	3-pin XLRm
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector
Materials / Finish	Zinc Alloy/Black Finish/ Silver
Weight	297.3 grams / 10.4 ounces
Length	179.2 mm / 7.05 In

PICKUP PATTERN



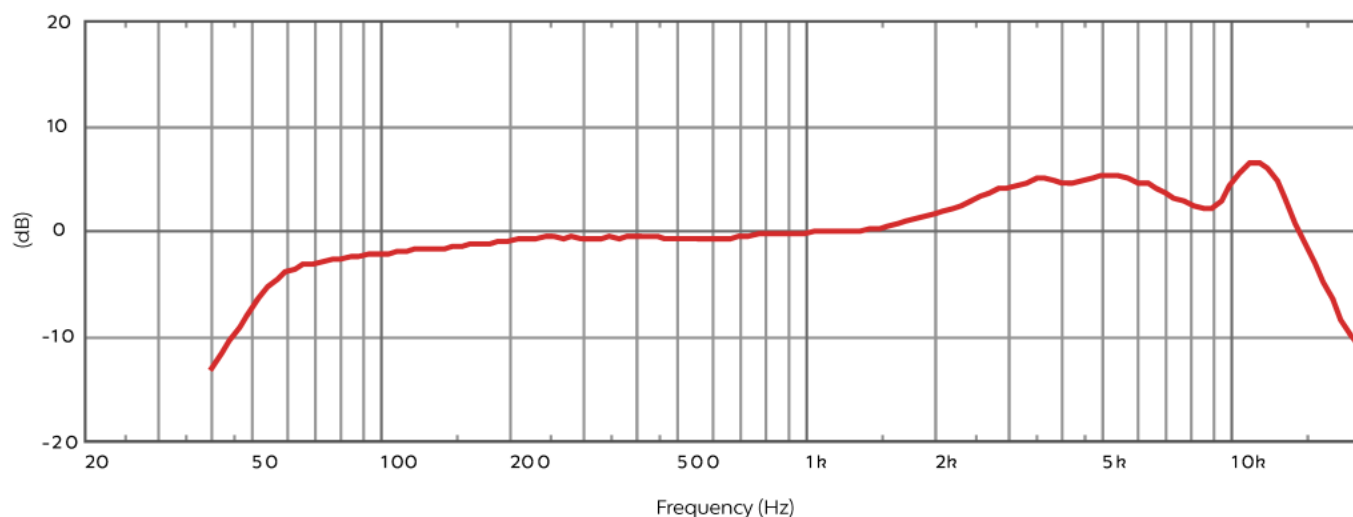
## USER TIPS

The OMX-T is designed with an unconventionally low output level; this means that the gain will have to be compensated on the mixing console or mic preamp. The OMX-T has an extremely tight pickup, greatly helping to eliminate “bleed” from other sound sources on stage. For best results, it is important to sing directly into the mic as close as possible at all times (within 1 inch).

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 (1 meter) between mics to avoid phase issues.

Further miking techniques may be found at [www.audixusa.com](http://www.audixusa.com).

## FREQUENCY RESPONSE



## SERVICE AND WARRANTY:

This microphone is under warranty for a period of 5 years to be free of defects in material and workmanship. In the event of a product failure due to materials or workmanship, AUDIX will repair or replace said product at no charge with proof of purchase. AUDIX does not pay or reimburse shipping costs for warranty repairs or returns. The warranty excludes any causes other than manufacturing defects, such as normal wear, abuse, environmental damage, shipping damage or failure to use or maintain the product per the supplied instructions. No Implied Warranties: All implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose are hereby excluded. The liability of AUDIX, if any, for damages relating to allegedly defective products shall be limited to the actual price paid by Dealer for such products and shall in no event include incidental or consequential damages of any kind. Should your microphone fail in any way, please contact the AUDIX Service department at 503.682.6933. A Return Authorization is required before returning any product.

OTHER THAN THIS WARRANTY, AUDIX MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS, THE USE OF THE PRODUCTS, THE PERFORMANCE OF THE PRODUCTS. AUDIX SHALL NOT BE LIABLE FOR SPECIAL INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES ARISING FROM OR BASED ON THE SALE, USE, STORAGE OR DISPOSAL OF THE PRODUCTS, AUDIX'S SERVICE WORK, BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, OR ANY OTHER THEORY OF LIABILITY, EVEN IF AUDIX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

## Specifications

- **Transducer Type:** Dynamic
- **Frequency Range:** 52 Hz to 17 kHz
- **Polar Pattern:** Supercardioid
- **Output Impedance:** 50 Ohms
- **Sensitivity:** 0.82 mVrms / Pa @ 1kHz / @ 0.5 meter
- **Capsule Technology:** VLM (Very Low Mass)
- **Maximum SPL:** > 144 dB SPL
- **Power Requirements:** None
- **Connector:** 3-pin XLRm
- **Polarity:** Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector

- **Materials / Finish:** Zinc Alloy/Black Finish/Silver
  - **Weight:** 297.3 grams / 10.4 ounces
  - **Length:** 179.2 mm / 7.05 In
- 

## FAQ

**Q: What should I do if my microphone is exposed to extreme temperatures?**

A: Avoid exposing the microphone to extreme temperatures as it can damage the sensitive capsule. Store it in the provided pouch when not in use to protect it.


**Q: Can the OMX-T microphone handle high SPL levels?**

A: Yes, the OMX-T microphone can handle extremely high SPLs without distortion, making it suitable for loud stage environments.

**Q: How should I position myself while using the OMX-T microphone?**

A: For best results, sing directly into the mic within 1 inch at all times to take advantage of its tight pickup pattern and minimize bleed from other sound sources on stage.

## Documents / Resources

	<p><a href="#">AUDIX OMX-T Dynamic Vocal Micro Phone</a> [pdf] Instruction Manual OMX-T Dynamic Vocal Micro Phone, OMX-, Dynamic Vocal Micro Phone, Vocal Micro Phone, Micro Phone, Phone</p>
---	---

## References

-  [Welcome to Audix | Premium Audio Solutions](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.