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› Audix VX10 Handheld Condenser Microphone User Manual

AUDIX VX10

Audix VX10 Handheld Condenser Microphone User Manual

Model: VX10 | Brand: AUDIX

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Audix VX10 Handheld Condenser Microphone. The Audix VX10 is engineered for high-performance audio capture in live sound and broadcast environments, as well as professional studio recording. Its design focuses on exceptional detail and realism for vocals and speech, and it is also suitable for various acoustic instruments.

Please read this manual thoroughly before using your microphone to ensure optimal performance and longevity.

PRODUCT OVERVIEW





Image: The Audix VX10 Handheld Condenser Microphone, featuring its black E-coat finish, durable metal grille, and the "AUDIX VX10" branding on the body. The bottom of the microphone indicates "condenser 48-52V" for phantom power requirements.

The Audix VX10 is a professional-grade handheld condenser microphone known for its clarity and robust construction. It features a cardioid polar pattern to effectively isolate vocals and a 21mm gold vapor capsule for sensitive transient response. Designed to handle high sound pressure levels, it is an ideal choice for demanding audio applications.

SETUP

1. **Unpacking:** Carefully remove the Audix VX10 microphone and its accessories from the packaging. Verify that all components listed in the "What's in the Box" section are present.
2. **Mounting:** Attach the microphone to a standard microphone stand using the included heavy-duty nylon clip. Ensure the clip is securely fastened to prevent accidental drops.
3. **Connection:** Connect the microphone to your audio mixer, audio interface, or compatible device using a balanced XLR cable. The VX10 requires phantom power (48-52V) to operate. Ensure

phantom power is enabled on your connected device.

4. **Positioning:** For vocal applications, position the microphone approximately 2-6 inches from the sound source. Experiment with distance and angle to achieve the desired sound quality and minimize plosives.

OPERATING

The Audix VX10 is designed for straightforward operation, delivering high-fidelity audio capture.

- **Phantom Power:** Always ensure that 48-52V phantom power is supplied to the microphone from your mixer or audio interface. The microphone will not function without it.
- **Polar Pattern:** The VX10 features a cardioid polar pattern, which is most sensitive to sounds coming from the front and rejects sounds from the sides and rear. This helps in isolating the desired sound source and reducing feedback in live environments.
- **Gain Staging:** Adjust the gain on your mixer or interface to achieve an optimal signal level without clipping. The VX10 can handle sound pressure levels up to 138 dB, providing ample headroom for loud sources.
- **Pop Filter:** The multi-stage internal pop filter helps to reduce plosive sounds (e.g., 'p' and 'b' sounds) during vocal performances. For extreme cases, an external pop filter can be used.
- **Applications:** The VX10 is versatile and suitable for live vocals, studio recording of vocals, speech, acoustic instruments (guitar, woodwinds, brass, percussion), and broadcast applications.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone body. For the grille, a soft brush can be used to gently remove dust or debris. Avoid using liquid cleaners directly on the microphone.
- **Storage:** When not in use, store the microphone in its protective pouch or case to shield it from dust, moisture, and physical damage.
- **Handling:** While the VX10 is built with durable construction, avoid dropping the microphone or subjecting it to harsh impacts, as this can damage the internal components.
- **Environmental Conditions:** Avoid exposing the microphone to extreme temperatures, high humidity, or direct sunlight for prolonged periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	No phantom power; Faulty XLR cable; Incorrect input selection on mixer/interface.	Ensure 48-52V phantom power is enabled. Test with a different XLR cable. Verify correct input channel is selected and gain is up.
Low Output Level	Insufficient gain; Microphone too far from source.	Increase gain on your mixer/interface. Move microphone closer to the sound source.
Distorted Sound	Input gain too high (clipping); Damaged capsule.	Reduce input gain. If distortion persists at low gain, contact support.

Problem	Possible Cause	Solution
Excessive Handling Noise	Improper grip; Stand vibrations.	Hold the microphone firmly but gently. Use a shock mount if vibrations from the stand are an issue.

SPECIFICATIONS

Feature	Detail
Model Name	AUDIX AD-VX10
Microphone Type	Handheld Condenser
Polar Pattern	Cardioid (Unidirectional)
Frequency Response	40Hz - 20kHz
Audio Sensitivity	138 dB SPL (Max)
Signal-to-Noise Ratio	80 dB
Noise Level	20 dB
Power Source	48-52V Phantom Power
Connectivity Technology	XLR
Item Weight	10.9 ounces (310 Grams)
Product Dimensions	3.9 x 10.8 x 5.4 inches
Included Components	Audix Vx10 Handheld Condenser Microphone

WARRANTY INFORMATION

The Audix VX10 Handheld Condenser Microphone is covered by Audix's standard manufacturer's warranty. For specific details regarding warranty duration, coverage, and claims procedures, please refer to the warranty card included with your product or visit the official Audix website.

SUPPORT

For technical assistance, product inquiries, or service requests, please contact Audix customer support. You can find contact information on the official Audix website or through your authorized dealer.

Online Resources:

- Official Audix Website: www.audixusa.com
- Product Registration: Register your product online to receive updates and support.

