

VX5 VOCAL CONDENSER MICROPHONE

OVERVIEW:

The VX5 is a professional vocal condenser microphone designed for a wide variety of live, studio and broadcast applications. With an ability to duplicate studio quality sound on stage, the VX5 is known for its smooth and accurate frequency response, resistance to feedback and ability to handle very high sound pressure levels without distortion.

The VX5 is characterized with a tight and uniformly controlled supercardioid polar pattern which helps to isolate the vocals from the rest of the instruments on stage. With a wide frequency range of 40 Hz - 16.5 kHz, the VX5 has a very clean and natural sound with exceptional transient response.

Other features include a 14 mm gold vapor diaphragm, an acoustically ported steel mesh grill with multi-stage pop filter and a -10 dB pad and bass roll-off filter. The VX5 will handle sound pressure levels in excess of 140 dB (with pad and roll-off engaged) and will provide over 20 dB of ambient noise rejection on live stages.

In addition to vocal applications, the VX5 is ideally suited to capture acoustic instruments such as guitar, woodwinds, brass, percussion toys, drum overheads, hi-hat and piano. It is an excellent choice for home studio recording.

The VX5 is well balanced, comfortable to hold, durable, and manufactured with very high standards and tight tolerances. Roadworthy construction includes a precision die cast zinc alloy, black e-coat finish, laser etched model and serial number, gold plated XLR connector and a heavy duty nylon clip. The VX5 requires 9 - 52 volts phantom power.

SUPPLIED ACCESSORIES:

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

OPTIONAL ACCESSORIES:

WS357 - External acoustic foam windscreen
WS-i5 - External foam windscreen
SMT-25 - Shockmount clip
APS-2 - Two-channel phantom power supply
CBL-20 - 20' XLR-XLR mic cable
CBL-DR25 - 25' right angle XLR-XLR mic cable



FEATURES:

- Smooth and accurate response
- Balanced for handhead use
- 10 dB pad and bass roll off
- Handles high sound pressure levels
- Excellent gain before feedback
- Low handling noise
- Pop resistant grill
- 3 year warranty

APPLICATIONS:

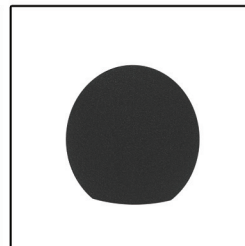
- Stage or Studio
- Lead vocals
- Background vocals
- Speech
- Acoustic instruments



MC1



SMT-25



WS557



APS-2



CBL-20

SPECIFICATIONS:

Transducer Type	Pre-polarized Condenser
Frequency Response	40 Hz - 16.5 kHz +/- 3 dB
Polar Pattern	Supercardioid
Output Impedance	150 ohms
Sensitivity at 1k	5 mV / Pa
Equivalent Noise Level	26 dB (A weighted)
Signal to Noise Ratio	68 dB
Off Axis Rejection	>20 dB
Maximum SPL	≥140 dB (w/ -10 pad)
Power Requirements	9-52 volts
Connector	Switchcraft® male XLR connector
Polarity	Positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing / Finish	Die Cast Zinc / Black E-coat
Weight	227 g / 8 ounces
Length	181 mm / 7.1 inches

ARCHITECTS AND ENGINEERS SPECIFICATIONS:

The microphone shall be a back plate pre-polarized condenser with a supercardioid polar pattern. The microphone shall operate on 9-52 Volts phantom power and the nominal output impedance shall be equal to 150 ohms at 1 kHz. The microphone shall have switches for -10 dB pad and bass roll-off filter and shall have a sensitivity of 5 mV / Pa at 1 kHz. The microphone shall have a maximum SPL level of ≥140 dB (with pad) with a THD of 0.5%. The microphone shall have a steel mesh grill and a body of die cast zinc alloy with dimensions of 23 mm in diameter at the base and 181 mm in length. The microphone shall be the Audix VX5.

OPERATION:

The VX5 is a low impedance microphone and should be plugged into a "mic level" input on your console, mixer, or recording device. The VX5 requires phantom power and will NOT operate without phantom power voltage which is available on most professional mic preamps and mixing devices. If phantom power is not available on your equipment, you will have to procure a phantom power supply (such as the Audix APS-2).

Avoid plugging or unplugging the microphone from a PA system unless the channel is muted or the volume of the system is 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:

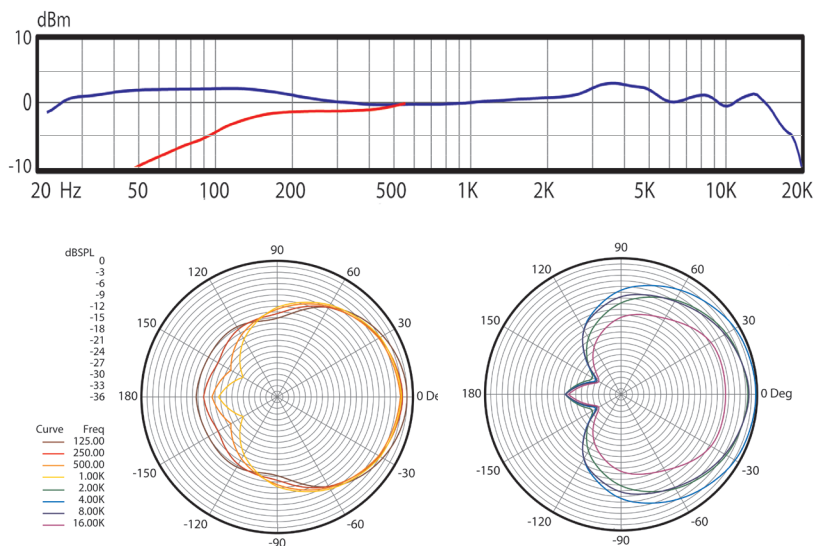
The VX5, an excellent choice for lead and background vocals, has a supercardioid pick-up pattern which helps to minimize sound from other instruments on stage from "bleeding" into the microphone. The VX5 is highly sensitive and will accommodate working distances of 1-12 inches from the performers mouth. Depending on the instrumentation and volume on stage, the vocalist may have to experiment to find the optimum working range.

When using stage monitors, avoid pointing the back of the microphone directly into the stage monitor. Instead, set the microphone at an angle parallel to the floor, putting the angle of the mic on a different plane with the angle of the monitor.

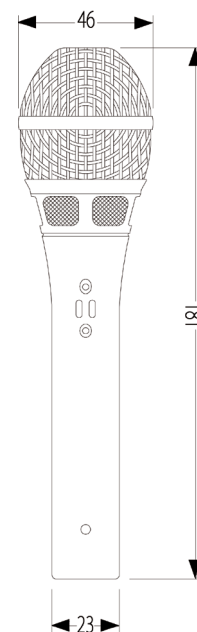
Allow a distance of 2-3 feet between microphones to avoid phase cancellation issues.

*Further miking techniques may be found on our website at www.audixusa.com

FREQUENCY / POLARS:



DIMENSIONS (mm):



***All specifications subject to change without notice.

SERVICE AND WARRANTY:

This microphone is under warranty for a period of 3 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 VX5 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.

To register your microphone, please visit www.audixusa.com



www.audixusa.com Call: 503-682-6933 Fax: 503-682-7114
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