

# A131

## LARGE DIAPHRAGM CONDENSER MICROPHONE

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### OVERVIEW

The A131 is a large diaphragm condenser microphone ideal for vocals, choir, piano, acoustic instruments and overheads. Featuring a contemporary, compact design, the A131 is the perfect choice for podcasting, professional audio production, studios and live stage performances.

Housed in a precision-machined aluminum body, the 33 mm fixed-charge capsule features a gold-sputtered diaphragm for wide, natural frequency response. With its well-behaved cardioid polar pattern, the A131 faithfully captures the detail of the performance while rejecting room noises and other unwanted, off-axis sounds.

A double woven steel mesh grille and ultra-thin acoustic foam offers exceptional pop resistance for podcasting and vocals. Behind the grille, the open-air design of the capsule mounting system allows the A131 to deliver transparent, uncolored sound.

Proprietary impedance control between the capsule and circuitry ensures consistent and reliable performance across a wide range of environments.

A unique and highly effective internal shock mount isolates the capsule from mechanical vibrations and touch noise, eliminating the need for a bulky external shock mount.

Offering studio performance in a road-worthy package, the A131 also comes with a protective zippered carrying case.

Requires 48-52 V phantom power. For best results, the A131 should be used with a high-quality mic preamplifier and microphone cable.

### MODEL VARIATIONS

**A133** - Large diaphragm condenser microphone with pad and roll off

### SUPPLIED ACCESSORIES

**POUCHAXMED** - Protective zippered carrying case

**DCLIP** - Heavy duty nylon molded snap on clip

### OPTIONAL ACCESSORIES

**APS2** - Two-channel 48 V phantom power supply with 110 V switchable to 240 V and detachable power cord

**TRIPOD** - Metal tripod desktop mic stand

**STANDKD** - Short pedestal stand with telescoping boom arm

**DFLEX** - Dual pivot rim mounted clip with extra wide butterfly jaws

**CBL20** - 20' premium XLR-XLR balanced mic cable. Quad conductor, twisted pair with braided shield for conductivity. 6 mm PVC jacketed

**CBLDR25** - 25' premium right angle XLR balanced mic cable. Quad conductor, twisted pair with braided shield for conductivity. 6 mm PVC jacketed

**PD133** - Pop diffuser to control plosives



### FEATURES

- Large 33 mm condenser capsule
- Cardioid Polar Pattern
- Proprietary internal shock mount
- Low noise preamp circuitry
- Designed, machined & tested in the USA

### APPLICATIONS

- Vocals
- Choir
- Voiceover
- Podcasting
- Piano
- Acoustic instruments
- Drum overheads

**AUDIX**

A131 Spec Sheet v1.1

## OPERATION AND MAINTENANCE

The A131 is a low impedance microphone and should be plugged into a “mic level” input on your console, mixer, or recording device. The A131 requires phantom power and will NOT operate without phantom power voltage (48 Volts recommended) which is available on most professional mic preamps and mixing devices. If phantom power is not available on your equipment, use a phantom power supply such as the Audix APS2.

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 or studio monitors.

The A131 is manufactured to exacting specs with road worthy 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 case provided when not in use. Moisture of any kind can adversely affect the sound and performance of your microphone.

## USER TIPS

**The correct side:** Note that the front of the microphone element is on the same side as the printing. This side of the microphone should be facing toward the sound source.

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

## SPECIFICATIONS & DIAGRAMS

<b>Transducer / Capsule Technology</b>	33 mm fixed-charge condenser / 29 mm 3.4 micron gold-sputtered diaphragm
<b>Frequency Response</b>	40 Hz - 20 kHz
<b>Polar Pattern</b>	Cardioid
<b>Output Impedance</b>	150 ohms
<b>Sensitivity</b>	23 mV / Pa @ 1 kHz
<b>Signal to Noise Ratio</b>	84 dB
<b>Maximum SPL</b>	140 dB
<b>Dynamic Range</b>	130 dB
<b>Equivalent Noise Level</b>	10 dBA
<b>Operating Voltage</b>	48 V (± 4 V) Phantom
<b>Connector</b>	3-pin XLR m
<b>Materials / Finish</b>	Body: Machined aluminum Grille: Steel alloy
<b>Weight</b>	280 g / 10 oz

