

A133

LARGE DIAPHRAGM CONDENSER MICROPHONE WITH PAD AND ROLL OFF

OVERVIEW

The A133 is a large diaphragm condenser microphone ideal for vocals, choir, piano, acoustic instruments and overheads. Featuring a contemporary, compact design, the A133 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 A133 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 A133 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.

The switchable 10 dB pad and bass roll-off ensures you're ready for any recording or live performance situation.

Offering studio performance in a road-worthy package, the A133 also comes with a protective zippered carrying case.

Requires 48-52 V phantom power. For best results, the A133 should be used with a high-quality mic preamplifier and microphone cable.

MODEL VARIATIONS

A131 - Large diaphragm condenser microphone without 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

CBL25 - 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
- Switchable 10 dB pad and bass roll off
- Designed, machined & tested in the USA

APPLICATIONS

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

AUDIX

A133 Spec Sheet v1.0

OPERATION AND MAINTENANCE

The A133 is a low impedance microphone and should be plugged into a “mic level” input on your console, mixer, or recording device. The A133 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 A133 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.

When using at close range or on instruments with high SPL, apply the 10 dB pad. If there is a need to reduce lower frequency vibrations, apply the low frequency roll-off.

Further miking techniques may be found at www.audixusa.com.

SPECIFICATIONS & DIAGRAMS

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

