

D4 DYNAMIC INSTRUMENT MICROPHONE

OVERVIEW:

Designed, machined, assembled and tested by Audix in the USA, the D4 is a dynamic instrument microphone used for stage, studio and broadcast applications. The D4, which is characterized with a hypercardioid pickup pattern for isolation and feedback control, is equipped with a VLM™ (Very Low Mass) diaphragm for natural, accurate sound reproduction.

The D4 is lightweight, compact and easy to position. With a wide frequency response of 40 Hz - 18 kHz and the ability to handle sound pressure levels in excess of 144 dB, the D4 is an excellent choice for miking instruments requiring precise low frequency reproduction such as large rack toms, floor toms, cajon, djembe, tympani, leslie bottom, bass flute, sax and baritone sax, trombone, clarinet, acoustic bass, bass cabs and small kick drums.

The D4 includes a precision machined aluminum body, black anodized finish, laser etched model and serial number, steel mesh grill, Switchcraft® or Audix XLR connector and is supplied with a tension-fit heavy duty nylon mic clip.

Transformerless design, low impedance, and balanced output allow for interference-free performance even with long cable runs.

SUPPLIED ACCESSORIES:

Tension-fit heavy duty nylon mic clip (DCLIP)
Carrying pouch (P1)

OPTIONAL ACCESSORIES:

TRIPOD - Tripod mic stand
DFLEX - All purpose percussion clamp
DVICE - Spring loaded rim mount clamp
DCLAMP - Tension rod mic clamp
CBL 20 - 20' XLR-XLR Low noise microphone cable
CBL DR25 - 25' right angle XLR-XLR low noise microphone cable
STAND KD - Adjustable kick drum mic stand
CAB GRABBER - Tension held mic holder, clamps to guitar cabinets



FEATURES:

- Compact, lightweight
- Machined aluminum body
- VLM (Very Low Mass) diaphragm
- Studio quality sound
- Excellent mid-bass transient response
- Handles extremely high SPL without distortion
- Road worthy construction
- 5 year warranty

APPLICATIONS:

- Floor toms
- Kick Drum
- Bass Cabinets, Leslie Bottom
- Djembe, Cajon, Digeridoo
- Piano
- Sax, Trombone, Clarinet
- Studio - *Any instrument requiring precise low frequency reproduction*



DCLAMP



DFLEX



DCLIP



CAB GRABBER

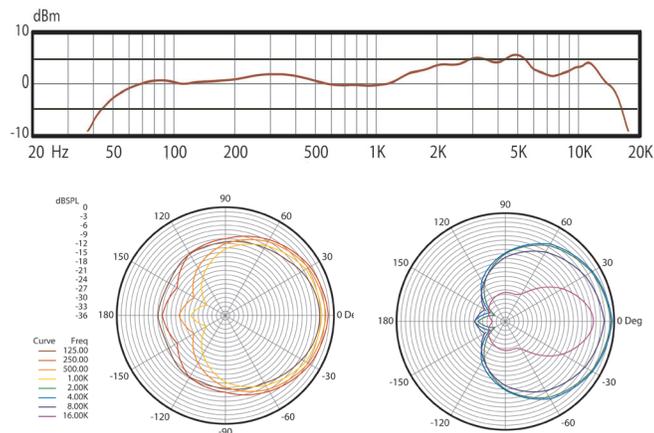


STAND KD

SPECIFICATIONS:

Transducer Type	Dynamic
Frequency Response	40 Hz - 18 kHz
Polar Pattern	Hypercardioid
Output Impedance	200 ohms
Sensitivity	1.4 mV / Pa @ 1k
Capsule Technology	VLM Type D
Off Axis Rejection	>20 dB
Maximum SPL	≥144 dB
Power Requirements	None
Connector	Switchcraft® or Audix male XLR connector
Polarity	Positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing / Finish	Machined Aluminum / Black Hard Coat
Weight	128 g / 4.5 ounces
Length	100 mm / 3.9 inches

FREQUENCY / POLARS:



ARCHITECTS AND ENGINEERS SPECIFICATIONS:

The microphone shall be of the dynamic type operating on the moving coil principle and the capsule shall be VLM Type D. The polar pattern of the microphone shall be hypercardioid. The nominal output impedance shall be 200 ohms at 1 kHz. The microphone shall have a sensitivity of 1.4 mV / Pa at 1 kHz and will handle a sound pressure level of ≥144 dB. The microphone body shall be machined of aluminum and the grill cap shall be steel wire mesh. The overall dimensions shall be 21.5 mm in diameter at the base, 39 mm in diameter at the widest point on the grill and 100 mm in length. The microphone shall be the Audix D4.

OPERATION:

The D4 is a low impedance microphone and should be plugged into a "mic level" input of your console, mixer or recording device. Please note that your microphone does not require phantom power and will not be effected 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.

USER TIPS:

The D4 has an extremely tight (hypercardioid) pick-up pattern in order to help eliminate sound from other instruments on stage from "bleeding" into the microphone. For this reason, the D4 is exceptionally effective for drums and percussion in it's ability to capture the sound of each component of the kit.

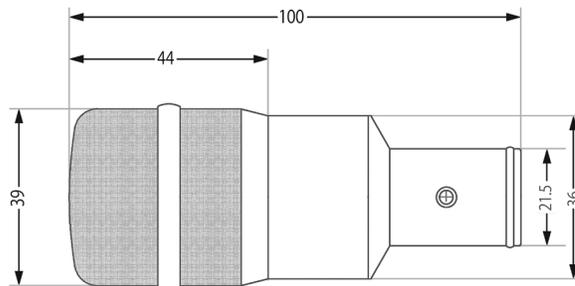
Drums, hand percussion: As a general rule, the bottom of the D4 grill should be 1-2 inches above the head of the drum and pointed towards the center. For more "ring" pull the mic back towards the rim; for less ring and more overtones, position the mic 1-2 inches inside the rim; for more attack, place the mic very close to the head; for more overtones and decay move the mic further away from the head.

Guitar cabinets: The D4 can be placed within 1-2 inches off the grill cover at a 90 degree angle pointing directly into the speaker. If the mic is placed closer to the edge of the speaker, you will minimize the higher frequencies and get a warmer, fatter tone. To capture more highs, move the mic closer towards the center of the speaker, but avoid the middle of the speaker.

Horns: Place the mic within 1-2 inches of the bell, especially when on a stage with drums, bass, guitar, etc. For jazz, classical, and music where the stage volume is lower, the mic can be placed further away for a richer, fuller sound.

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

DIMENSIONS (mm):



***All specifications subject to change without notice.

SERVICE AND WARRANTY:

This microphone is under warranty for a period of 5 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 D4 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.



www.audixusa.com
503-682-6933 Fax: 503-682-7114
Audix Corporation 9400 SW Barber St. Wilsonville, OR 97070



AUDIX WARRANTY REGISTRATION FORM

Name: _____ Model: _____
 Company: _____ Serial Number: _____
 Address: _____ Store: _____
 City: _____ Store Location: _____
 Prov./State: _____ Zip: _____ Purchase Date: _____
 Phone: () _____ Signature: _____
 Email: _____ Date: _____

Please Check all that apply:

Male Female

Age: 18 or Under Musician Primary Instruments: Pro live sound

19-25 Producer Guitar / Bass Pro recording

26-35 Sound Eng. Drums Home recording

36-45 Radio/TV Keyboard Rehearsal

46-55 Production Brass Installation

55 + Other _____ Woodwinds School

Other _____ Strings House of Worship

Other _____ Other _____

How did you hear about Audix?
 Magazine Ad Online Ad
 On-line Store Friend
 Salesman Other _____

Do you own other Audix Products? Yes No
 Model(s) _____
 Have you visited the Audix website? Yes No

Please register your product online at www.audixusa.com or mail this form to:
 Audix Microphones P.O. Box 4010 Wilsonville, OR 97070