

D-4 SUB IMPULSE DYNAMIC INSTRUMENT MICROPHONE

overview

The D4 is an American-made instrument microphone designed primarily for live performance. Characterized with a hypercardioid pickup pattern and a wide frequency response of 40 Hz-18kHz, the D4 is a perfect choice for instruments requiring precise low frequency reproduction.

Transformerless design, low impedance, and balanced output allow interference-free performance even with long cable runs. A dent-resistant spring steel grill and sound pressure handling capabilities in excess of 140db add to the D4's road-worthiness.

specifications

Transducer Type	Dynamic
Frequency Response	40 Hz - 18 kHz
Polar Pattern	Hypercardioid
Output Impedance	200 Ohms
Sensitivity	-72 db
Capsule Technology	VLM Type D
Off Axis Rejection	>30 db
Maximum SPL	>144 db
Cable/Connector	3 pin gold plated male XLR connector
Polarity	Positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing	Aluminum
Weight	4.5 oz / 127 grams
Finish	Black E-coat

D-4 DYNAMIC MIC



Drums



Percussion



Saxophone



Trombone

applications

- ▶ Live Stage-Coffee House to Stadium
- ▶ Kick Drum, Floor Tom, Djembe, Digeridoo
- ▶ Saxophone, Trombone
- ▶ Studio-Any Instrument Requiring Precise Low Frequency Reproduction

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Operation and Maintenance:

The D4 is a durable dynamic microphone with a dent-resistant spring steel grill. It still should be handled with care. Avoid extreme temperatures wherever possible. Moisture can adversely affect the sound and performance of your microphone. When not in use please store in provided pouch.

Recording:

The D4 is a very versatile recording microphone. It is a utility microphone for use with kick drums, floor toms, percussion, piano, saxophone, and brass instruments, providing a full-bodied warmth and an extended low end to accurately reproduce the sound of the instrument. Because of the hypercardioid pattern, it is less susceptible to feedback than comparably priced cardioid designs. Its high sound pressure handling will prevent diaphragm distortion, allowing for close miking of the instrument.

Live Sound:

The D4's tight pattern and high off-axis rejection offer unmatched gain before feedback and allows multiple miking in tight quarters (i.e. small clubs) with little bleed through or feedback. While most typical "kick drum mics" have a good response between 80Hz and 120Hz (mid bass), the D4 paints a more accurate picture of the drum, combining lower bass tones with lightning fast attack and punch. It sounds particularly full and clear on small-to-large size PA systems without having to add EQ or pad the sensitivity. Microphone placement is not an exact science and depends on the room size, the PA system, and the musicians. Therefore, some experimentation is usually necessary in order to achieve the desired results.

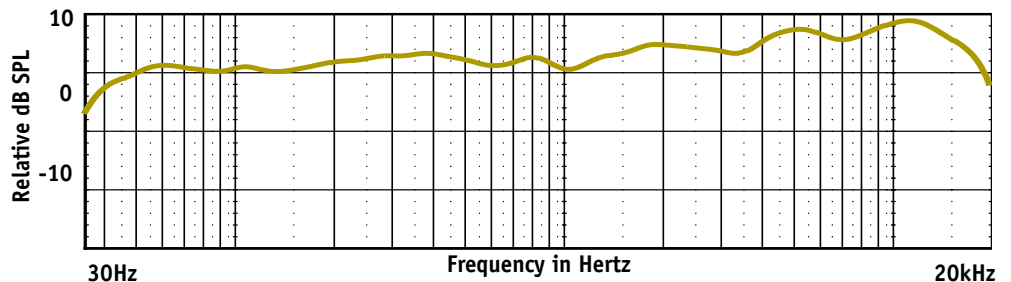
Supplied Accessories

- Mic clip (MC2) adjustable through 180 degrees with standard 5/8 inch 27 thread.
Note: Metal stand adapter also supplied to accommodate European standard threads
- Zippered Microphone carrying pouch

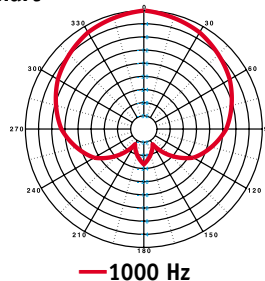
Optional Accessories

- tripod

Typical Frequency Response



Polar Chart



The frequency response chart (above) and the polar patterns represent a typical production run for this microphone.

Measurements (in Millimeters)

OUTPUT:

The ADX-90 output is balanced across Pin 2 (positive) with respect to Pin 3. The shield is connected to Pin 1. It is recommended to use a high quality microphone cable with 3 pin XLR connectors.

SERVICE AND WARRANTY:

This microphone is under warrantee for a period of 1 year 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 sending back any products.

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