

AUDIX

D6X DYNAMIC INSTRUMENT MICROPHONE

The D6X is a dynamic instrument microphone that has been thoughtfully designed, machined, assembled and tested by AUDIX in the USA. It builds upon the distinguished legacy of the D6 microphone, which is highly regarded for its application in stage, studio, and broadcast scenarios.

Lightweight, compact, and easy to position, the D6X is an excellent choice for miking instruments that require extended low-frequency reproduction such as kick drums, large toms and a variety of other instruments.

The D6X microphone features a specially tuned and optimized dynamic capsule that utilizes the legendary and exclusive AUDIX VLM™ (Very Low Mass) diaphragm for natural sound and exceptional transient response.








The capsule is designed with a Cardioid polar pattern to improve isolation and feedback control. D6X introduces a recessed, easy to operate switch that unlocks three different sound profiles:

- > The bottom position (Deep) retains 100% of the classic D6 sonic performance: that's the familiar starting point for a deep, cut-through-the-mix sound;
- > The center position (Balanced) delivers a more balanced version of the D6 sound, providing more mids and upper mids thus lending itself to slightly more traditional kick sounds without losing the overall D6 sonic impact;
- > The top position (Natural) changes the mic response towards a more linear behaviour, bringing even more midrange and slightly changing the hi-end roll-off. This position lends itself to miking different sound sources like percussions, guitar cabs and a wide variety of instruments.

The D6X is manufactured with a precision machined aluminum body, black anodized finish, steel mesh grill and a reliable, high quality XLR connector. The transformerless design, low impedance and balanced output allow for interference-free performance even with long cable runs.



OPTIONAL ACCESSORIES

 <p>DFLEX Dual pivot rim mounted clip with extra wide butterfly jaws.</p>	 <p>TRIPOD Metal tripod desktop stand for use with any 5/8" threaded mic clip.</p>
 <p>STANDKD Short pedestal stand with telescoping boom arm.</p>	 <p>CBL20 - 20' Premium XLR-XLR balanced mic cable. Quad conductor, twisted pair with braided shield for maximum conductivity. 6mm PVC jacketed.</p>
 <p>DVICE Flexible mini-gooseneck with spring loaded rim mount clamp.</p>	 <p>CBLDR25 - 25' Premium right angle XLR-XLR balanced mic cable. Quad conductor, twisted pair with braided shield for maximum conductivity. 6mm PVC jacketed.</p>
 <p>DCLAMP Flexible mini-gooseneck with drum tension lug mount.</p>	

FEATURES

- Professional dynamic instrument microphone for live sound or studio
- VLM dynamic capsule tech for deep lows and precise transients
- Recessed switch for convenient, error-free operation
- 3 selectable filters for ultimate tone flexibility
- Cardioid polar pattern for optimal sound isolation
- Designed, machined, assembled & tested in the USA
- 5-year warranty

APPLICATIONS

- Live stage, recording
- Kick drum
- Floor tom
- Bass cabinets
- Guitar cabinets
- Leslie bottom

SUPPLIED ACCESSORIES

 <p>DCLIP Heavy-duty nylon molded snap on clip.</p>
 <p>P1 Carrying pouch.</p>

OPERATION AND MAINTENANCE

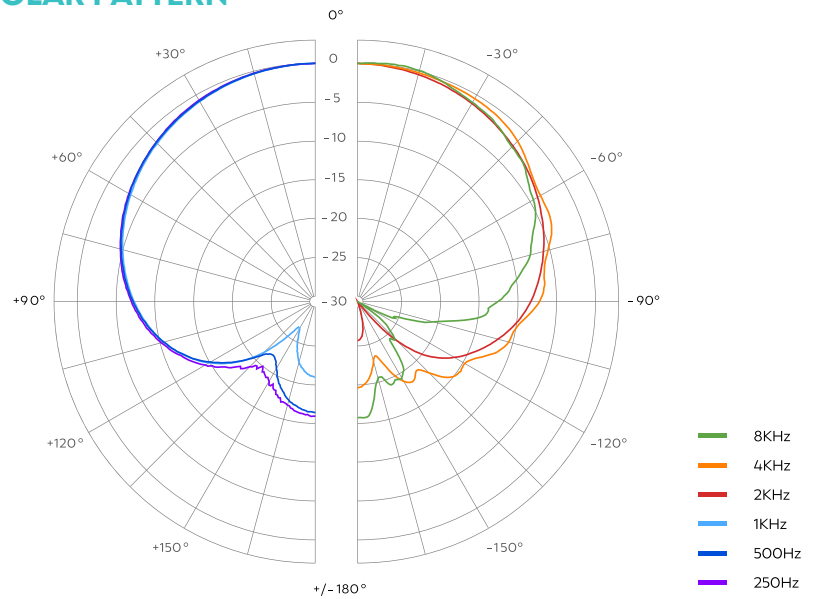
The D6X switch is precisely designed to be easily operated by hand without special tools while remaining recessed enough to avoid accidental interactions. This desired functionality is guaranteed only by using the "DCLIP" included microphone clip accessory and the relative family of AUDIX first party accessories.

The D6X 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 affected in any way by phantom power should it be running simultaneously while the microphone is in operation.

The D6X 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.

SPECIFICATIONS

POLAR PATTERN

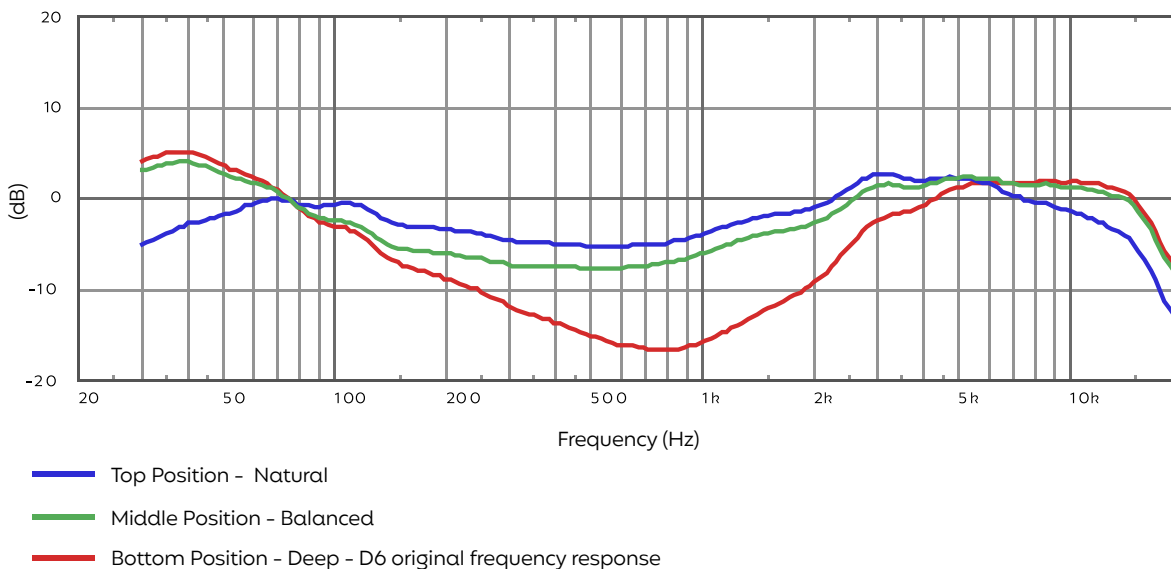


USER TIPS

The D6X compensates for instruments with extremely high sound pressure levels by having a very low output. For kick drums, as a general rule, start with the mic positioned centered between the batter and resonant heads pointed towards the beater. For more attack, and less bass boom, move the mic closer to the beater. For less attack and more bass, move the mic further away from the beater. For kick drums without hole in front head, place the D6X a few inches from the head for a full dynamic sound. For toms, position the mic 2 inches from the head and point towards the center of the drum. For bass or guitar speaker cabinets, position the mic 90 degrees to the grille cloth and 1-2 inches from the center of the speaker dust cap. Further miking techniques may be found at www.audixusa.com.

Transducer Type	Dynamic
Frequency Range	(-6 dB) 25 Hz to 17 kHz
Polar Pattern	Cardioid
Output Impedance	280 Ohms
Sensitivity	0.842 mVrms / Pa @ 75 Hz / @ 0.5 Meter
Capsule Technology	VLM
Maximum SPL	≥144 dB
Power Requirements	None
Connector	3-pin XLRm
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector
Materials / Finish	Machined Aluminum / Black Finish
Weight	265.7 grams / 9.4 ounces
Length	138.5mm / 5.4in

FREQUENCY RESPONSE



SERVICE AND WARRANTY: This microphone is under warranty for a period of 5 years to be free of defects in material and workmanship. In the event of a product failure due to materials or workmanship, AUDIX will repair or replace said product at no charge with proof of purchase. AUDIX does not pay or reimburse shipping costs for warranty repairs or returns. The warranty excludes any causes other than manufacturing defects, such as normal wear, abuse, environmental damage, shipping damage or failure to use or maintain the product per the supplied instructions. No Implied Warranties: All implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose are hereby excluded. The liability of AUDIX, if any, for damages relating to allegedly defective products shall be limited to the actual price paid by Dealer for such products and shall in no event include incidental or consequential damages of any kind. Should your microphone fail in any way, please contact the AUDIX Service department at 503.682.6933. A Return Authorization is required before returning any product.

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