

Micro-D INSTRUMENT CONDENSER MICROPHONE

OVERVIEW:

Designed, assembled and tested by Audix in the USA, the Micro-D is a miniaturized condenser microphone used for professional stage and studio applications. The Micro-D, known for its clarity, excellent transient response, resistance to feedback, SPL handling and ease of operation, is primarily aimed for miking drums and percussion instruments.

The Micro-D is characterized with a uniformly controlled hypercardioid polar pattern, provides excellent isolation and feedback control on stage as well as natural sound reproduction at very close distances.

With a smooth and accurate response over a frequency range of 40 Hz - 20 kHz, the Micro-D is lightweight, compact and simple to use. Housed in an aluminum ring and isolated by means of a rubber shockmount system, the Micro-D comes with the DVICE-MICRO mount for drums or the DCLAMP-MICRO mount for hand percussion (Micro-HP). A number of optional accessories are available which allow the Micro-D to be used on a mic stand or cymbal stand for a wider variety of applications.

The Micro-D operates on phantom voltage of 9 - 52 Volts and is supplied with a phantom power adapter, 6 ft integrated mic cable and carrying pouch.

SUPPLIED ACCESSORIES:

Gooseneck mounting clip (DVICE-MICRO)
Cylindrical phantom power supply adapter (APS-910)
External foam windscreen (WS20)
6' attached shielded cable with mini XLR-f connector
Carrying pouch (P1)

OPTIONAL ACCESSORIES:

MC-MICRO - Mic stand adapter
SMT-MICRO - Mic stand adapter with shockmount ring
DFLEX-MICRO - Wide jaw clip for use with rims mounts and cymbal stands
APS-911 - Battery/phantom preamplifier with on/off switch and roll-off
DCLAMP-MICRO - Gooseneck lug mount clamp for drums & percussion

MODEL VARIATIONS:

Micro-HP - Cardioid version with DCLAMP-MICRO for use with hand percussion instruments



FEATURES:

Small, lightweight, low profile
High SPL handling
Miniaturized integrated preamp circuitry
Excellent for close miking

APPLICATIONS:

Drums
Hand percussion (Micro-HP)
Cymbals, percussion toys



DVICE-MICRO



SMT-MICRO



MC-MICRO



APS-910

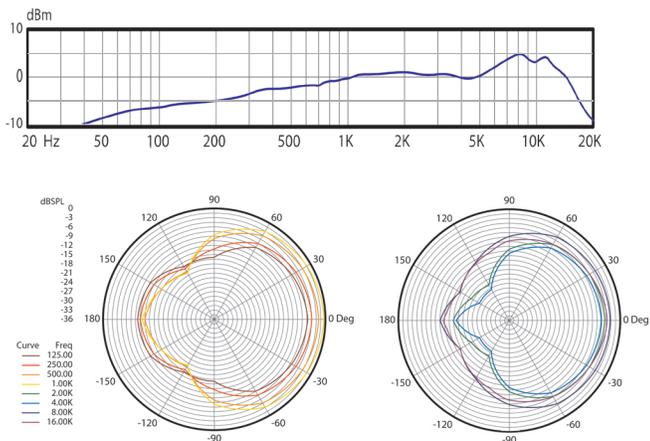


DFLEX-MICRO

SPECIFICATIONS:

Transducer Type	Pre-polarized Condenser
Frequency Response	40 Hz - 20 kHz
Polar Pattern	Hypercardioid
Output Impedance	250 ohms
Sensitivity	5 mV / Pa @ 1k
Signal/Noise Ratio (A-weighted)	70 dB
Equivalent Noise Level (A-weighted)	24 dB
Maximum SPL @ .5% THD	≥140 dB
Power Requirements	9 – 52 V phantom
Connector	3 pin gold plated male XLR connector
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Housing / Finish	Machined Brass/
Gooseneck	Flexible Steel
Weight	47 g / 2 ounces
Length	30 mm / 1.14 inches

FREQUENCY / POLARS:



ARCHITECTS AND ENGINEERS SPECIFICATIONS:

The microphone shall be of the condenser type with a modular threaded capsule. The microphone shall be available in a hypercardioid polar pattern and shall have a 6' cable terminating in a mini-XLR female connector. The microphone shall be provided with a remote cylindrical phantom power adapter that will allow the microphone to operate between 9 Volts and 52 Volts phantom power. The microphone shall have a sensitivity of 5 mV / Pa and a nominal impedance of 250 ohms at 1 kHz. The microphone shall have a maximum SPL level of ≥140 dB at 0.5% THD and shall be machined out of brass with a length of 30 mm and a capsule diameter of 12 mm. The microphone shall be the Audix Micro-D.

OPERATION AND MAINTENANCE:

The Micro-D is a low impedance microphone and should be plugged into a "mic level" input on your console, mixer or recording device. The Micro-D requires phantom power and will NOT operate without phantom power voltage (minimum of 9 - 48 Volts) which is available on most professional mic preamps and mixing devices. If phantom power is not available on your equipment, you may use the Audix APS-911 which is an optional accessory that allows for battery operation. Avoid plugging or unplugging the microphone from a 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.

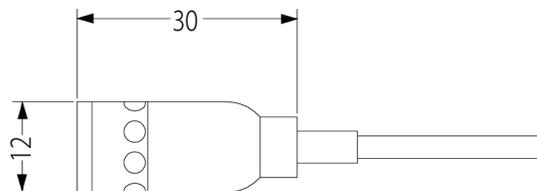
APS-910 phantom power adapter: Note that the mini-XLRf connector at the end of the Micro-D mic cable plugs into mini-XLRm side of the APS-910 power adapter. From there, plug a standard XLR-XLR microphone cable to complete the connection from the APS-910 to the mixing board.

USER TIPS:

Drums: The Micro-D is designed to clip on the rim of a drum (see photo on front page). The provided clip (DVICE) is spring loaded. The inside slider portion of the clip should be attached to the bottom part of the rim first and the clip lifted up and over the top rim for a tight tension fit. You can adjust the position of the gooseneck by means of the lower thumb screw on the DVICE. The mic itself is generally positioned 2-3 inches off the drum head and slightly inside the rim pointing towards the head.

Percussion: (Model Micro-DHP) Simply attach the threaded mount to the lug of the percussion instrument. Adjust the height of the gooseneck by means of the lower thumbscrew. The mic can be positioned 2-3 inches above the head of the instrument and aimed towards the center of the head. *Further miking techniques can be found on our website at www.audiusa.com

DIMENSIONS (mm):



***All specifications subject to change without notice.

SERVICE AND WARRANTY:

This microphone is under warranty for a period of 3 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 MICRO-D 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.audiusa.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 19-25 26-35 36-45 46-55 55 +

Occupation: Musician Producer Sound Eng. Radio/TV Production Other _____

Primary Instruments: Vocal Guitar / Bass Drums Keyboard Brass Woodwinds Strings Other _____

Product to be used for: Pro live sound Pro recording Home recording Rehearsal Installation School House of Worship 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.audiusa.com or mail this form to:
 Audix Microphones P.O. Box 4010 Wilsonville, OR 97070