ADX10 Lavalier Condenser Microphone

OVERVIEW

The ADX10 is a miniaturized condenser microphone designed for lavalier applications such as speech, presentation and theatrical production. Known for its clarity, resistance to feedback and ease of operation, the ADX10 has the ability to accurately capture and reproduce vocals from a comfortable distance of 4"-8".

The ADX10 is characterized with a uniformly controlled cardioid polar pattern, helping to isolate the area or section being miked from other vocals or instruments on stage. With a smooth and accurate frequency range of 50 Hz - 18 kHz, the ADX10 is lightweight and will provide natural sound with exceptional transient response.

The ADX10, primarily for use with Audix wireless systems, includes a tie-clip, and a 3' attached cable terminating to a mini-XLRf connector. The ADX10 may also be used as a wired mic. Simply order the APS910 or APS911 phantom power adapter for use with a standard mic cable.

SUPPLIED ACCESSORIES

MC10L - Metal clip with tension fit wire loop
P1 - Carrying pouch
WS10 - External foam windscreen

OPTIONAL ACCESSORIES

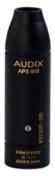
APS910 - Phantom power adapter
APS911 - Battery / Phantom power adapter with on off switch and bass roll-off
WS10S - Snap to fit external windscreen

FEATURES

- Small, lightweight, low profile
- Natural, accurate sound reproduction
- Easy to use and set up
- Field replaceable capsule
- Available for wireless and wired applications

APPLICATIONS

- Speech
- Flute
- Acoustic instruments and hand drums


APS910


APS911

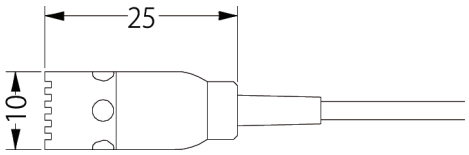

MC10L


WS10S

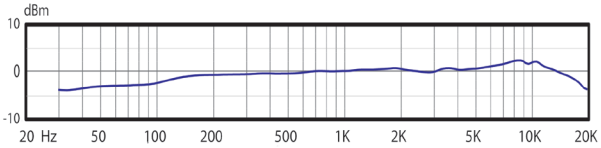
SPECIFICATIONS

Transducer Type	Pre-Polarized Condenser
Frequency Response	50 Hz - 18 kHz
Polar Pattern	Cardioid
Output Impedance	800 ohms
Sensitivity	5 mV / Pa @ 1k
Equivalent Noise Level	<29 dB (A-weighted)
Signal to Noise Ratio	>65 dB
Maximum SPL	≥120 dB
Power Requirements	9-52 V phantom
Connector	Shielded 3' terminating to a miniature 3 pin Female XLR connector
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Materials / Finish	Machined Brass / Black Finish
Weight	21 g / 0.74 oz
Length	25 mm / .98 in

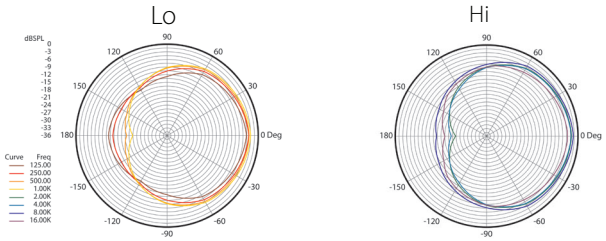
DIMENSIONS (mm)



FREQUENCY RESPONSE



POLAR PATTERNS



ARCHITECT AND ENGINEER SPECIFICATIONS

The microphone shall be of the condenser type with a modular threaded capsule. The microphone shall be available in a cardioid polar pattern and shall have a 3' or 8' cable (depending on model) terminating in a mini-XLR female connector. The microphone shall have a sensitivity of 4.5 mV /Pa and a nominal impedance of 800 ohms at 1 kHz. The microphone shall have a maximum SPL level of ≥120 dB and shall be machined out of brass with a length of 25 mm and a capsule diameter of 10 mm. The microphone shall be the Audix ADX10.

OPERATION AND MAINTENANCE

The ADX10 is designed to plug directly into the bodypack of an Audix wireless system.

Using the ADX10 as a hard wired mic: You will need the APS910 or APS911 phantom power supply.

APS910 and APS911 phantom power adapters: Note that the mini-XLRf connector at the end of the ADX10 plugs into mini-XLRm side of the APS910 or APS911 phantom power adapter. From there, plug a standard XLR-XLR microphone cable to complete the connection to the mixing board.

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.

Acoustic instruments: For violin, the ADX10 may be attached to the collar of a shirt pointing out towards the body of the instrument. For guitar, the ADX10 may be placed beneath the strings (with tape or velcro) or inside the guitar as an internal microphone. For udu drums, the ADX10 will fit inside the hole of the drum and held in place with clay. For flute see ADX10FLP.

USER TIPS

Lavalier: The ADX10 can be attached to a tie, a lapel, or to fabric by means of the supplied alligator style clip. For best results, the microphone should be positioned so that the capsule of the microphone is in an upward position and 4-6 inches from the mouth. Be sure that the round ports on the microphone capsule always remain exposed and do not get covered up in any way by clothing.

It is recommended to use the supplied external windscreen to help reduce popping and breath noise.

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

PRODUCT REGISTRATION: Please register your product online at www.audixusa.com/docs_12/about/product_registration.shtml.

SERVICE AND WARRANTY: This microphone is under warranty for a period of 3 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. OTHER THAN THIS WARRANTY, AUDIX MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS, THE USE OF THE PRODUCTS, THE PERFORMANCE OF THE PRODUCTS. AUDIX SHALL NOT BE LIABLE FOR SPECIAL INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES ARISING FROM OR BASED ON THE SALE, USE, STORAGE OR DISPOSAL OF THE PRODUCTS, AUDIX'S SERVICE WORK, BREACH OF WARRANTY, BREACH OF CONTRACT. NEGLIGENCE, OR ANY OTHER THEORY OF LIABILITY, EVEN IF AUDIX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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