

# ADX10FLP Condenser Instrument Microphone

## OVERVIEW

The ADX10FLP is characterized with a uniformly controlled cardioid polar pattern, helping to isolate the area or section being miked from other instruments or vocals on stage. With a smooth and accurate frequency range of 50 Hz - 18 kHz, the ADX10FLP is lightweight, low profile and will provide natural sound with exceptional transient response.

The ADX10FLP, specifically for use with a standard flute, includes a clip that attaches to the headstock of a flute, an 8' cable terminating to a mini XLR-f connector and a phantom power adapter (APS911). Other model versions include the ADX10FL for use with Audix wireless systems.

Manufactured to high standards and tight tolerances, the ADX10FLP features a modular threaded capsule, machined brass body with matte black finish, high quality shielded microphone cable and a variety of optional accessories.



## MODEL VARIATIONS

**ADX10FL** - Same as ADX10FLP without the APS911 phantom power adapter

## SUPPLIED ACCESSORIES

**MCFLUTE** - Clip for ADX10FLP flute mic. Fits standard size flutes.

**WS10** - External foam windscreens for reducing wind, sibilance, and pop noise

**P1** - Carrying pouch

**APS911** - Optional phantom power adapter for use with electret condenser microphones. Runs on AA batteries when phantom power is not available. Features on/off switch and bass roll-off filter.

## OPTIONAL ACCESSORIES

**MC10L** - Optional alligator style lapel clip with spring tension wire loop.

**APS910** - 48 V phantom power adapter for use with electret condenser microphones.

## FEATURES

- Miniature condenser flute microphone
- Natural, accurate sound reproduction
- May be used wired or with Audix wireless systems
- Designed, assembled & tested in the USA
- 3 year warranty

## APPLICATIONS

- Flute (Standard size)



MCFLUTE



WS10



P1



APS911



MC10L



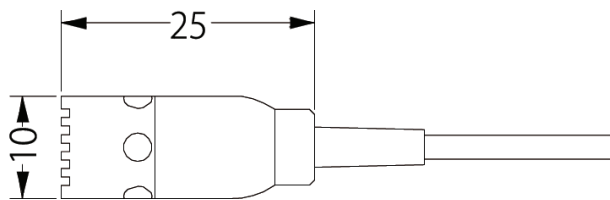
APS910

# ADX10FLP

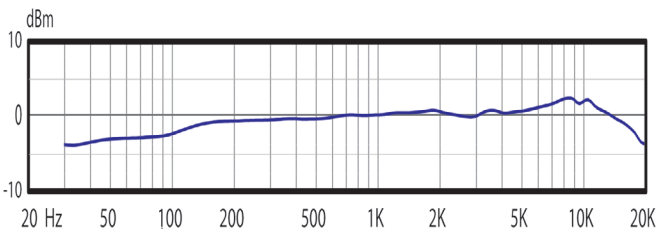
## SPECIFICATIONS

Transducer Type	Pre-Polarized Condenser
Frequency Response	50 Hz - 18 kHz
Polar Pattern	Cardioid
Output Impedance	250 ohms
Sensitivity	4.5 mV / Pa @ 1k
Equivalent Noise Level	<29 dB (A-weighted)
Signal to Noise Ratio	>65 dB
Maximum SPL	≥120 dB
Power Requirements	5-52 V phantom
Connector	Shielded 3' terminating to a miniature 3 pin XLRf
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Materials / Finish	Machined Brass Capsule / Black Finish
Weight	110 g / 4 oz
Length	25 mm / 0.98 in

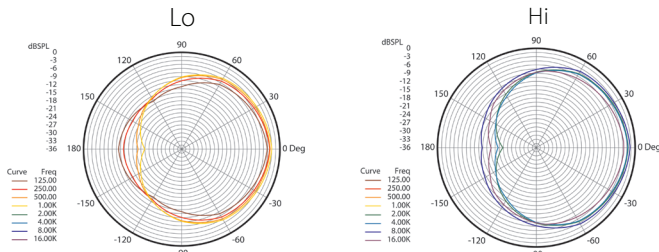
## DIMENSIONS (mm)



## FREQUENCY RESPONSE



## POLAR PATTERNS



**PRODUCT REGISTRATION:** Please register your product online at [www.audixusa.com/docs\\_12/about/product\\_registration.shtml](http://www.audixusa.com/docs_12/about/product_registration.shtml).

**SERVICE AND WARRANTY:** These microphones are 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.

## 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 250 ohms at 1 kHz. The microphone shall have a maximum SPL level of ≥120 dB and is machined out of brass with a length of 25 mm and a capsule diameter of 10 mm.

## OPERATION AND MAINTENANCE

**ADX10FL:** Simply plug the mini XLR on the mic cable directly into bodypack of an Audix wireless system.

**ADX10FLP:** Plug the mini XLR at the end of a mic cable into the APS911 phantom power adapter. The ADX10FLP requires phantom power and will NOT operate without phantom power voltage (minimum of 5 - 52 Volts) which is available on most professional mic preamps and mixing devices. If phantom power is not available on your equipment, use the Audix APS911, a supplied accessory with the ADX10FLP model that allows for battery operation. Avoid plugging or unplugging the microphone from a PA system unless the channel is muted or the system volume is turned down. Failure to do so may result in a loud "popping" noise which could seriously damage the speakers in the PA system.

The ADX10FL & ADX10FLP are 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.

## USER TIPS

With the "crown" of the flute detached, simply place the "O-ring" portion of the ADX10FLP mic clip at the end of the "head joint" and reattach the crown to the head joint.

**The APS 911 phantom/battery power supply:** The mini XLRf connector at the end of the ADX10FL plugs directly into the mini XLRm connector on the APS911 power adapter. Next, plug a standard XLR-XLR microphone cable to complete the connection from the APS911 to the mixing board. The APS911 has the option to be used in phantom power mode or battery mode. If there is no phantom power available on the mixing console or equipment being used to amplify your signal, use the battery mode to power up the mic. If further reduction of bass frequencies or plosives is needed, the APS911 is equipped with a base roll-off filter.

Further miking techniques may be found at [www.audixusa.com](http://www.audixusa.com).