



AUDIX PDX-520 Dynamic Vocal Microphone Owner's Manual

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AUDIX PDX-520 Dynamic Vocal Microphone



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Important Information

The PDX520 has been carefully designed to provide full and accurate spoken voice capture. It portrays a natural, pleasingly warm sound that lends itself to long-format content where intelligibility and auditory comfort are paramount.

The PDX520 is part of the PDX family, AUDIX's line of premium dynamic microphones for broadcast, podcasting and studio work.

The PDX520 features a cardioid polar pattern for improved isolation, even in sub-optimal acoustic environments, and its default gain level eliminates the need for preamp boosts or cloud lifters.

The microphone also features two, 2-position switches that enable users to quickly modify sound by adjusting the low cut and presence boost, minimizing the post-production work.

The low-cut filter has a cutoff frequency of 80Hz with a 6dB-octave slope and the presence switch brings a gentle boost between 1 and 5 kHz to sweeten the upper-midrange.

The unique design takes inspiration from the AUDIX PDX720, featuring an internal vibration dampening system for

the capsule, housed in a solid metal body with integrated attachment arm for both microphone stand and XLR connector.

Designed and Crafted in the USA.

Dimension



FEATURES

- Professional dynamic microphone ideal for broadcast, podcasting and studio work.
- Natural voice reproduction prevents listening fatigue.
- Cardioid directivity improves isolation in non-ideal acoustic environments.
- Onboard and easily accessible low cut and presence boost switches.
- Plug & Play brilliant sound with excellent default gain level.
- Robust construction with vibration dampening and integrated arm.
- Designed and crafted in the USA.
- 5-year warranty.

APPLICATIONS

- Dynamic microphone ideal for broadcast, podcasting and studio work.
- Frequency response optimized for premium vocal performance.
- Great versatility for drum and instrument recording.

SUPPLIED ACCESSORIES

- Hard shell zipper case
- 5/8" to 3/8" thread adapter



USER TIPS

For a fuller bass heavy “radio” sound speak or sing very close to the microphone – this gives a warm bass boost as well as a more intimate sound. For a more natural sound, try using the mic about 3-6” away from your mouth. This should provide a bit more “air” to the voice recording.

If you want the sound to cut through the mix or stand out more engage the presence boost switch on the rear of the mic. This gives a gentle and musical boost in the upper-midrange.

If you find there is excessive low bass in your sound, try engaging the low-cut filter. This only rolls off the bass below 80 Hz and will allow you to keep a nice rich sound while reducing the rumble or excessive plosives.

OPERATION AND MAINTENANCE

The PDX520 is a low impedance microphone and should be plugged into the balanced XLR “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.

Avoid plugging or unplugging the microphone from the audio system unless the channel is muted or the volume of the system turned down.

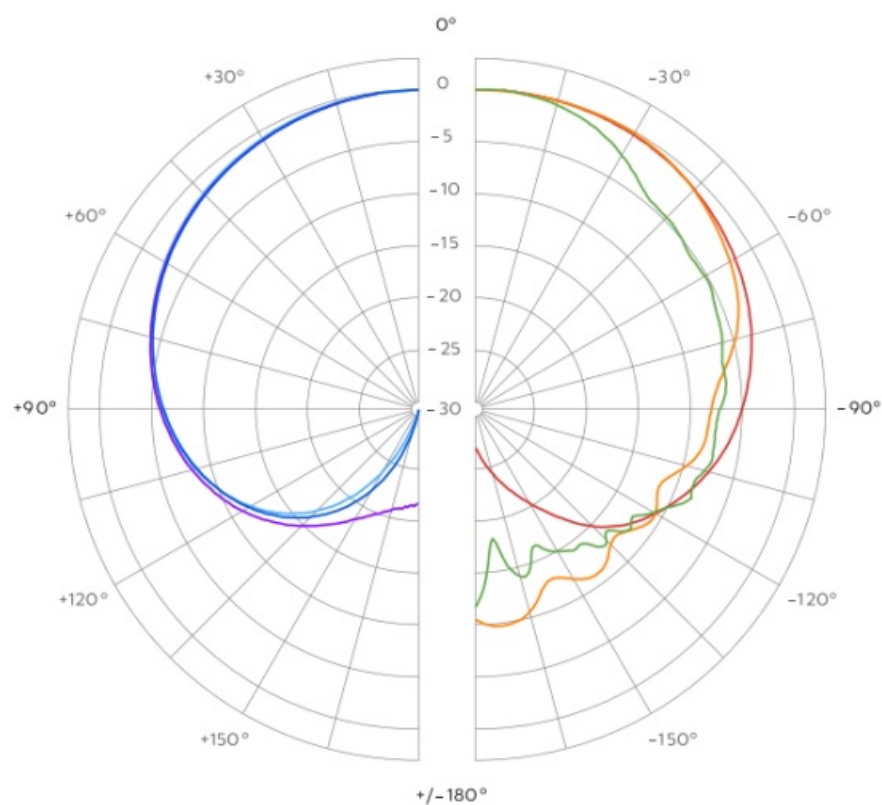
Failure to do so may result in a loud “popping” noise which could seriously damage the speakers.







The PDX520 is manufactured to exacting specs with exceptionally durable 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. Direct contact with water or moisture of any kind can adversely affect the sound and performance of your microphone.

SPECIFICATIONS

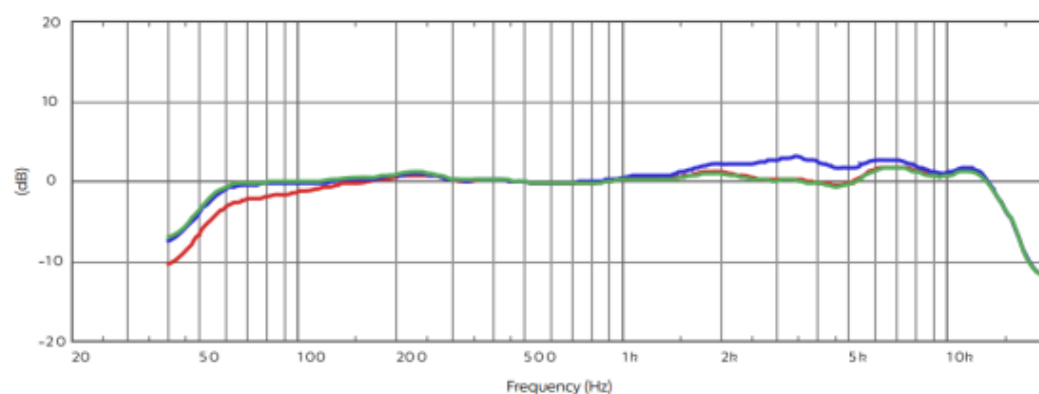
Transducer Type	Dynamic
Frequency Range	(-6 dB) 40 Hz to 16 kHz
Polar Pattern	Cardioid
Output Impedance	280 ohms
Sensitivity	1.6 mVrms / Pa @ 1 kHz / @ 0.5 Meter
Capsule Technology	VLM
Maximum SPL	> 144 dB SPL
Power Requirements	None
Connector	3-pin XLRm
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector
Materials / Finish	Aluminum/ Black finish /Nickel
Weight	872.5 grams / 30.7 ounces
Length	214mm / 8.4in




POLAR PATTERN



	8KHz
	4KHz
	2KHz
	1KHz
	500Hz
	250Hz

FREQUENCY RESPONSE



	HPF On
	Presence Boost On
	PDX520 Flat (Boost & HPF Off)


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.

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.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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Documents / Resources

	<p>AUDIX PDX-520 Dynamic Vocal Microphone [pdf] Owner's Manual PDX-520, PDX-520 Dynamic Vocal Microphone, Dynamic Vocal Microphone, Vocal Microphone, Microphone</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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