

P420

LARGE DIAPHRAGM DUAL-CAPSULE TRUE CONDENSER MICROPHONE



PROFESSIONAL PROJECTS

The P420 is a multipattern large diaphragm true condenser microphone for demanding project studio recording applications. Offering high sensitivity and 155dB maximum SPL, the P420 delivers a warm, transparent sound quality perfectly suited for ensemble recording, grand piano, woodwind and brass instruments, as well as drums and percussion. With three selectable polar patterns – cardioid, omnidirectional or figure 8 – it is an ideal tool for stereo miking techniques and ambient recording.

APPLICATIONS

- » **Project Studios**
- » **Stage**

HIGHLIGHTS

- » **One-inch dual-diaphragm microphone with three selectable polar patterns** for the perfect setting
- » **Low noise electronics** for high dynamic range
- » **Switchable attenuation pad** for high SPL applications up to 155 dB SPL



Perfect for solo voice and ensemble vocals



Perfect for strings



Also for loud instruments



3 polar patterns (cardioid, figure 8 and omni)

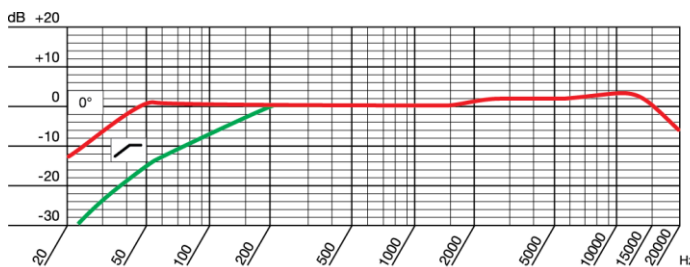


Switchable attenuation pad and switchable low-cut filter

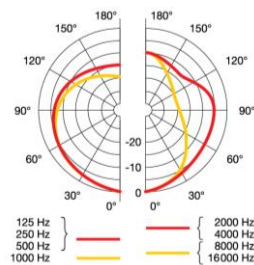
KEY SPECIFICATIONS

Capsule	1" dual capsule condenser
Polar Pattern	cardioid, omnidirectional, figure 8
Frequency Response	20 Hz to 20 kHz (see frequency response trace)
Sensitivity (Cardioid)	28 mV/Pa (-31 dBV)
Max. SPL for 0.5 % THD	135/155 dB (0/-20 dB pad)
Equivalent Noise Level To IEC 60286-4	15 dB (A)
Signal To Noise	79 dB (A) re 1Pa
Preattenuation Pad	-20 dB
Bass Cut Filter	300 Hz, 12 dB/octave
Electrical Impedance	≤ 200 ohms
Recommended Load Impedance	≥ 1000 ohms
Connector	3-pin XLR (pin 2 hot)
Phantom Powering	48 V +/- 4 V to IEC 61938
Current Consumption	≤ 3 mA
Temperature Range	-10 °C to +60 °C (14 °F - 140 °F)
Diameter	54 mm (2.13 in.)
Length	165 mm (6.5 in.)
Net Weight (Mic Only)	530 g (18.7 oz.)
Shipping Weight	1730 g (61oz.)
Box Dimensions (L x W x H)	23 x 25 x 14 cm (9 x 9.8 x 5.5 in)

Frequency Response in cardioids mode:



Polar Pattern:



Included Accessories

- 1 x SH100 Spider Shock Mount
- 1 x Metal Carrying Case



Item Number

P420 RECORDING MIC 3101H00430

HARMAN AKG ACOUSTICS GMBH LAXENBURGER STRASSE 254, 1230 VIENNA/AUSTRIA
 AKG ACOUSTICS, U.S. 8400 BALBOA BOULEVARD, NORTHRIDGE, CA 91329, U.S.A.

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.