

# P420

HIGH-PERFORMANCE DUAL-CAPSULE TRUE CONDENSER MICROPHONE

**AKG**<sup>®</sup>  
by HARMAN



## 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

## KEY MESSAGE

The P420 is a multi-pattern 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.

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## APPLICATIONS

PROJECT STUDIOS  
STAGE

## TECHNICAL SPECIFICATIONS

<b>Audio frequency bandwidth:</b>	20 to 20000 Hz
<b>Equivalent noise level:</b>	15 dB-A
<b>Sensitivity:</b>	28 mV/Pa
<b>Signal to Noise:</b>	79 dB-A
<b>Preattenuation Pad:</b>	-20 dB
<b>Bass cut filter:</b>	300 - 12 dB/octave Hz
<b>Electrical impedance:</b>	≤200 Ohms
<b>Recommended load impedance:</b>	≥1000 Ohms
<b>Polar Patterns:</b>	Cardioid, Omnidirectional, Figure of Eight

### Powering Interface

<b>Voltage:</b>	44 to 52 V
<b>Current:</b>	≤3 mA

### Audio Output

<b>Type:</b>	Balanced XLR
<b>Gender:</b>	Male
<b>Contacts:</b>	3-pin

### Dimensions/Weight

<b>Height:</b>	165mm
<b>Diameter:</b>	54mm
<b>Net Weight:</b>	517 g (18.2 oz)



## INCLUDED ACCESSORIES

Spider Shock Mount



Metal Carrying Case



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**AKG ACOUSTICS GMBH** LAXENBURGER STRASSE 254, 1230 VIENNA, AUSTRIA

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