

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 and transformerless output** 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)

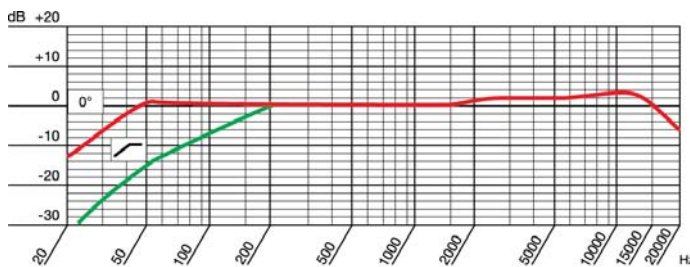


Switchable attenuation pad and switchable low-cut filter

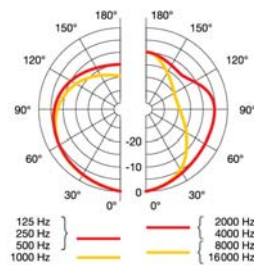
KEY SPECIFICATIONS

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| 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

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