

# P220

## LARGE DIAPHRAGM TRUE CONDENSER MICROPHONE



### PROFESSIONAL PROJECTS

The P220 is a large-diaphragm true condenser microphone offering a warm and clear sound for lead vocals, acoustic guitar and brass instruments. A switchable bass-cut filter and attenuation pad make it perfectly suited for use on loud sound sources with sound pressure levels up to 155dB SPL. The rugged and roadworthy design also makes the P220 a perfect choice for on-stage applications.

The P220 represents the most popular and successful microphone within the actual Project Studio Line. It comes complete with a spider-type shock mount in an aluminum carrying case.

### APPLICATIONS

- » **Project Studios**
- » **Stage**

### HIGHLIGHTS

- » **Rugged all-metal body and robust design**  
withstands tough day-to-day use
- » **Switchable bass-cut filter**  
eliminates rumble or footfall noise
- » **Switchable attenuation pad**  
for high SPL applications up to 155 dB SPL



Perfect for vocals



Ideal for strings



Also for loud instruments



Cardioid polar pattern

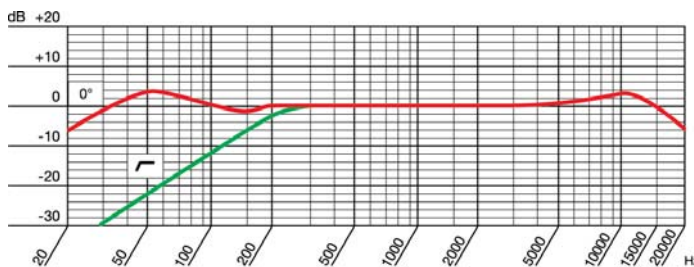


Switchable attenuation pad  
and switchable low-cut filter

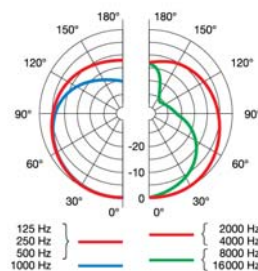
## KEY SPECIFICATIONS

<b>Capsule</b>	1" true condenser
<b>Polar Pattern</b>	cardioid
<b>Frequency Response</b>	20 Hz to 20 kHz (see frequency response trace)
<b>Sensitivity</b>	20 mV/Pa (-34 dBV)
<b>Max. SPL for 0.5 % THD</b>	135/155 dB (0/-20 dB pad)
<b>Equivalent Noise Level To IEC 60286-4</b>	16 dB (A)
<b>Signal To Noise</b>	78 dB (A) re 1Pa
<b>Preattenuation Pad</b>	-20 dB
<b>Bass Cut Filter</b>	300 Hz, 12 dB/octave
<b>Electrical Impedance</b>	≤ 200 ohms
<b>Recommended Load Impedance</b>	≥ 1000 ohms
<b>Connector</b>	3-pin XLR (pin 2 hot)
<b>Phantom Powering</b>	48 V +/- 4 V to IEC 61938
<b>Current Consumption</b>	≤ 3 mA
<b>Temperature Range</b>	-10 °C to +60 °C (14 °F - 140 °F)
<b>Diameter</b>	54 mm (2.13 in.)
<b>Length</b>	165 mm (6.5 in.)
<b>Net Weight (Mic Only)</b>	530 g (18.7 oz.)
<b>Shipping Weight</b>	1730 g (61 oz.)
<b>Box Dimensions (L x W x H)</b>	23 x 25 x 14 cm (9 x 9.8 x 5.5 in)

### Frequency Response:



### Polar Pattern:



## Included Accessories

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



## Item Number

**P220 RECORDING MIC 3101H00420**

**HARMAN**

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