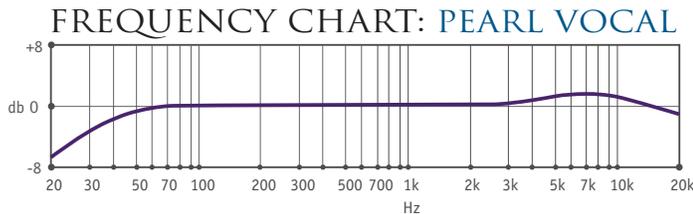


PEARL VOCAL

The Pearl Vocal is specifically designed to be the ultimate condenser hand-held stage microphone. The newly developed medium-sized single diaphragm capsule provides high acoustic transparency and can handle sound pressure levels up to 144 dB without overload. It has been tuned specifically for a modern, detailed vocal sound with extended vocal presence and optimized low-end response. The newly developed suspension system effectively reduces handling noise to an absolute minimum and the cardioid polar pattern has been optimized for maximum side and rear rejection while providing maximum gain before feedback. This is the ideal microphone for live jazz, pop, and rock vocalists, but also provides superior sound for brass, woodwinds, percussion, drums, and is exceptional for capturing guitar amplifiers. The Pearl Vocal is available in dark grey, violet, red, and white matte finishes, comes with a holder, and is packaged in a fine hardwood box.



SPECIFICATIONS

Transducer type: TRUE polarized electrostatic, single diaphragm
 Operating principle: pressure gradient
 Diaphragm's active diameter: 0.8" (21 mm), center tapped
 Frequency range: 50 Hz to 20 kHz
 Polar pattern: unidirectional (optimized between wide cardioid, cardioid, and supercardioid, depending on frequency)
 Output impedance: 50 ohms
 Rated load impedance: 1000 ohms
 Suggested load impedance: > 250 ohms
 Sensitivity at 1000 Hz into 1000 ohms load: 12 mV/Pa
 S/N Ratio CCIR 468-3 weighted: 70 dB
 S/N Ratio DIN/IEC 651 A-weighted: 80 db-A
 Equivalent noise level DIN/IEC A-weighted: 14 dB-A
 Maximum SPL for 0.5% THD at 1000 ohm load: 144 dB
 Dynamic range of the microphone preamplifier: 130 db
 Phantom powering voltage on XLR pins 2 & 3 relatively pin 1: +48 V (±4 V)
 Phantom current consumption: < 1.5 mA
 Output connector: 3-pin XLR male, gold plated contacts
 Signal polarity: pin 2 in phase
 Dimensions: 8.15" x 1.67" (207 x 42.5mm) head diameter, 0.96" (24.5mm) shaft diameter
 Weight: 12.3 oz. (350g)
 Options: PSM elastic any-position shockmount



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