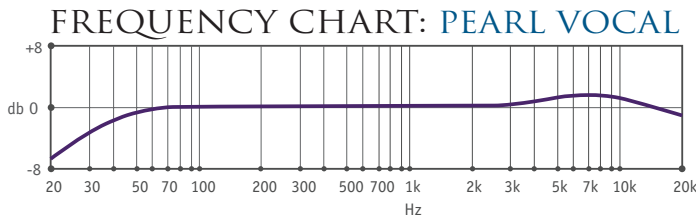




PEARL VOCAL

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



Exclusively distributed in the Americas by



9770 Silicon Prairie Pkwy • Madison, WI 53593 USA
tel: 608-227-2040 • fax: 608-831-1890