

THE PEARL STANDARD

The Pearl Series of professional electrostatic microphones are designed for both handheld stage performances and studio vocal recording where sound quality and musical character is of the utmost importance. The Pearl Standard uses a medium single-diaphragm transducer which provides a modern, detailed vocal sound with airy highs, extended vocal presence and optimized low-end response. A soft center band around the circumference of the head minimizes shock and handling noise. Rugged microphone construction and internal shockmounts effectively reduce stand rumble, outside infrasonic interference and mechanical shocks.

The internal phantom powered preamplifier's Class 'A' fully discrete transformerless circuit provides high output, flat audio response and ultra low distortion and noise. The output connectors are gold plated for best possible signal transfer. The Pearl is ready for noise-free handheld or stand use. A flexible stand holder is supplied with microphone. FRR is an optional unique reflection ring accessory which is used as a tool to slightly alter directional characteristics and frequency response by positioning at different points along the microphone body.



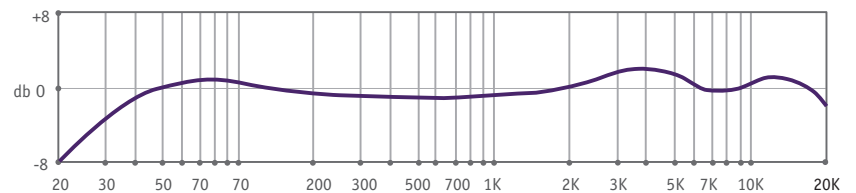
APPLICATIONS

The Pearl Series microphones are designed primarily for vocalists, but are also capable of capturing piano, guitars, drums, percussion, strings, wind and many other instruments. These are unidirectional cardioid microphones and should be held or mounted so that the rear openings behind the capsule are not obstructed. In vocal applications, best results are obtained when the microphone is 1" to 6" away. Microphone overload is not a problem, however, we recommend the use of an additional pop filter in the studio or a foam windscreen in live applications for further protection from plosive sounds and breath, pop or wind noise.

SPECIFICATIONS

Transducer type: electrostatic
 Operating principle: pressure gradient
 Diaphragm's active diameter: 0.5" (14mm)
 Frequency range: 20 Hz to 20 kHz
 Polar pattern: cardioid
 Output impedance: 50 ohms
 Rated load impedance: 1000 ohms
 Suggested load impedance: > 500 ohms
 Sensitivity at 1000 Hz into 1000 ohms load: 10 mV/Pa
 S/N Ratio (CCIR 468-3 weighted): 71 dB
 S/N Ratio (DIN/IEC 651 A-weighted): 82 dB-A
 Equivalent noise level DIN/IEC A-weighted: 12 dB-A
 Maximum SPL for 0.5% THD at 1000 ohm load: 140 dB
 Dynamic range of the microphone preamplifier: 128 dB
 Phantom power voltage on pins 2 & 3 of XLR: 48V (±4V)
 Phantom current consumption: < 2 mA
 Output connector: 3-pin XLR male
 Signal polarity: pin 2 in phase
 Dimensions & Weight: 8.15" (h) x 1.67" (w) / 5.5 oz. (207 x 42.5mm / 250g)
 Included accessories: stand holder, solid hardwood box
 Options: PSM shockmount, GSM compact shockmount, FRR reflection ring

FREQUENCY CHART: THE PEARL STANDARD



Exclusively distributed in the Americas by



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