

Budget large diaphragm studio microphone



The JS-1E is a simplified version of JS-1 that provides excellent performance to both live and studio application. A one inch super thin 24K golden plated diaphragm together with a solid brass machined capsule assembly assures precise polar pattern, full range frequency response and high SPL capability. Advanced circuit design and finest available components offer low self-noise, exceptional transient response and transparent reproduction of an acoustic characteristic. Double brass windscreen prevents pop/EMI effectively.

Features

- Advanced 1-inch, externally biased, ultra-thin, 24-karat gold-layered plate, highly smooth-faced, Mylar film diaphragms provide superior transient response
- Finest handcraft assembler, careful test and calibration on every each of microphones
- Formality -machined, nickel-plated brass, acoustic element screen provides enhanced voicing stability and optimal sensitivity
- The cardioid characteristic maintains a smooth frequency response at a distance of 30 to 40 cm
- Full-range frequency response (20 Hz - 20 KHz) for an extremely accurate reproduction of voice and instruments
- Pressure-gradient transducer with double membrane capsule
- Ideal as main and as support microphone in the most differing recording situations



Applications

- For most general purpose applications in studios, for broadcasting, film and television
- Used as a main microphone for orchestra recordings, as a spot mic for single instruments, and extensively as a vocal mic. for all types of music and speech
- The classical studio mic. for vocalists (soloists and background vocalists)
- Announcer's mic. for broadcasting, dubbing, voice-over
- Overhead miking drums or percussions
- Spot mic. for wind instruments, brass and woodwind, strings (especially cello and double bass), piano, and percussion

SPECIFICATIONS

ELEMENT	Externally-polarized (DC bias) Large Diaphragm Condenser
POLAR PATTERN	Cardioid
FREQUENCY RESPONSE	20 ~ 20,000Hz
OPEN CIRCUIT SENSITIVITY	-38±3 dB* (12.6mV) 0dB=1V / Pa,1kHz
IMPEDANCE	Rated impedance 200Ω
MAXIMUM INPUT SOUND LEVEL	132 dB SPL, 1kHz at 1% T.H.D
SIGNAL-TO-NOISE RATIO	78dB
OUTPUT CONNECTOR	XLR-M type
PHANTOM POWER REQUIREMENTS	36-52VDC
CURRENT CONSUMPTION	≦ 1mA
WEIGHT	480 grams (16.9oz)
DIMENSIONS	56mm Dia × 184mm

