

# JS-1

## Large diaphragm condenser microphone (with shock mount)

The JS-1 provides excellent performance to both live and studio application. An 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 a acoustic characteristics. Double brass windscreen prevents pop/EMI effectively.



### Features

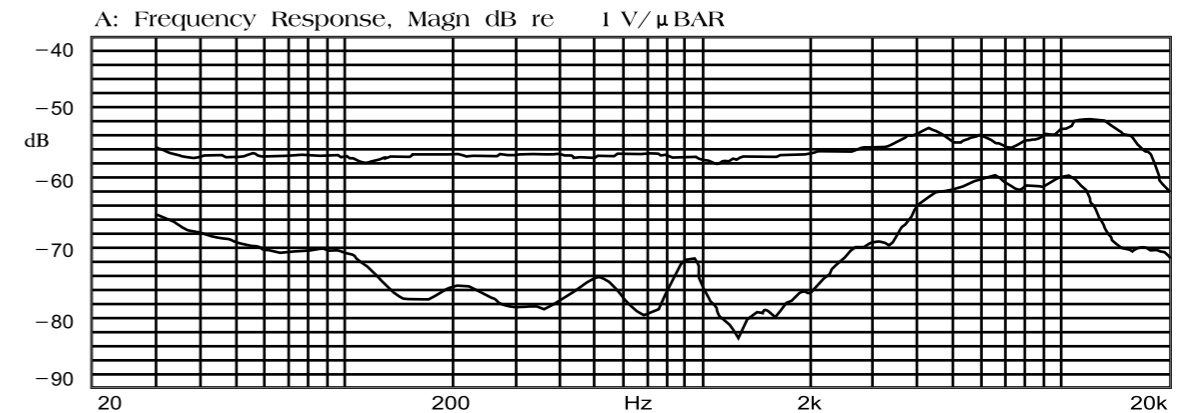
- Advanced 1-inch, externally biased, ultra-thin, 24-karat gold-layered plate, highly smooth-faced, Mylar film diaphragms provide superior transient response
- Finest handcraft assembler, careful test and calibration on every each of microphones
- Formality -machined, nickel-plated brass, acoustic element 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
- Switchable 80 Hz hi-pass filter and 10 dB pad
- Custom designed shock mount provides outstanding isolation
- 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
LOW FREQUENCY ROLL-OFF	80Hz, 12dB/octave
ATTENUATION SWITCH	10dB pad
OPEN CIRCUIT SENSITIVITY	-58±3 dB* (1.26mV) 0dB=1V/u bar,1kz
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



**JTS®**