

D5630

Professional Condenser Conference Microphone



Description

This professional condenser microphone is designed for high-quality sound capture in demanding environments such as recording studios, television broadcasting, and conference systems. It features a compact and durable gooseneck with a flexible, non-memory design, allowing precise positioning of the microphone capsule. The built-in preamplifier and power circuitry eliminate the need for external modules, while the high-performance high-pass filter ensures clear speech by reducing low-frequency noise. With excellent acoustic isolation and optional desk-mounted shock-absorbing base, it delivers reliable, feedback-free performance in a wide range of professional applications.

Features

- Compact, durable gooseneck with non-memory flexible design for precise positioning.
- Built-in preamplifier and power circuitry; no external module required.
- High-performance high-pass filter reduces low-frequency noise and plosives.
- Excellent acoustic isolation prevents feedback at high gain levels.

- Optional desk-mounted shock-absorbing base reduces impact noise and vibrations.
- Dual-layer foam windscreen minimizes wind noise and plosive sounds.
- Quick-install 3-pin XLR male connector compatible with XLR female bases or direct console connection.

Specifications

Model	D5630
Capsule	Fixed-charge Backplate, Electrostatic Condenser (Pre-polarized Condenser)
Polar Pattern	Cardioid (Unidirectional)
Frequency Response	100Hz-16000Hz
High-Pass Filter	80Hz, 18dB/Octave
Open-Circuit Sensitivity	-43 dB (7.0 mV), re 1 V at 1 Pa
Output Impedance	250Ω
Maximum Sound Pressure Level	140 dB SPL at 1 kHz, 1% T.H.D.
Dynamic Range (Typical)	111 dB, 1 kHz at maximum SPL
Signal-to-Noise Ratio	65 dB, 1 kHz at 1 Pa
Phantom Power Requirement	DC 11-52 V, 2 mA typical
Switch	Flat / High-Pass Filter
Output Connector	Integral 3-pin XLR male
Microphone Length	13cm