# D5630

## Desktop Condenser Condenser Conference Microphone

## Description

The professional condenser gooseneck microphone is designed for clear and precise sound capture in environments such as recording studios, broadcast stations, and conference systems.

It features a compact and durable flexible gooseneck for easy positioning, with a built-in preamplifier and power circuit that eliminates the need for external modules. The high-pass filter reduces low-frequency noise, ensuring clear speech and stable performance.

With excellent acoustic isolation and an optional shock-absorbing desk base, it delivers reliable, feedback-free audio for professional applications.

## Features

- Flexible Gooseneck Design: Compact and durable non-memory gooseneck for precise microphone positioning.
- Built-in Preamplifier: Integrated preamp and power circuitry, no external module required.
- High-Pass Filter: Effectively reduces low-frequency noise and plosive sounds for clearer speech.

- Excellent Acoustic Isolation: Minimizes feedback even at high gain levels.
- Shock-Absorbing Base (Optional): Desk-mounted base helps reduce vibration and impact noise.
- Dual-Layer Windscreen: Reduces wind noise and plosives for cleaner audio pickup.
- 3-Pin XLR Connector: Quick installation with XLR female bases or direct mixer/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 |

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