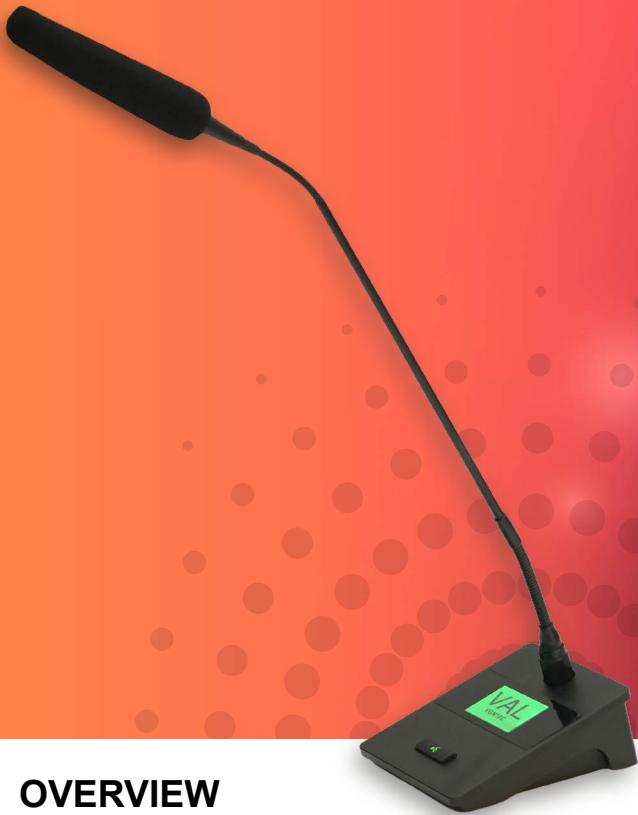


# VGN18C

## Wired Gooseneck Professional Microphone

**VAL** audio

Die Liebe zur Musik



### OVERVIEW

The VAL Audio VGN18C is a high-performance professional gooseneck condenser microphone, purpose-built for demanding applications such as conferences, boardrooms, auditoriums, educational institutes, government chambers, and houses of worship.

The VGN18C features a precision electret condenser capsule with a cardioid pickup pattern, ensuring focused voice capture while rejecting unwanted background noise. The result is clear, natural, and intelligible speech reproduction, even in acoustically challenging environments.

The VGN18C can be powered either internally via 3V DC (2 × AA batteries), or externally via +48V phantom power from a mixer, amplifier, or DSP systems. This dual powering capability makes it highly versatile and reliable across different usage scenarios.

The microphone is mounted on a robust, heavy-duty metal base, designed to remain stable on any surface. The base integrates a high-quality rubberized ON/OFF push switch for silent operation and a 2.1" backlit LCD display that lights up green when the microphone is active, providing instant status visibility. Connectivity is professional-grade, with a rear-mounted XLR-M output connector for balanced signal transmission, and a 4-pin round male aviation interface that securely attaches the gooseneck stem to the base. The 23" gooseneck is designed for maximum versatility, offering dual flexible sections at the top and bottom of the stem for precise

angling and positioning. A red LED ring indicator at the microphone head provides clear visual feedback when the microphone is active, while the included wind foam protector minimizes plosives and wind noise, ensuring consistently high-quality audio delivery.

With its premium build quality, versatile powering options, advanced connectivity, and user-friendly features, the VAL VGN18C sets a new standard for professional gooseneck microphones, blending performance, durability, and elegance into one solution.

### KEY FEATURES

- Strong and sturdy metal base for maximum stability with high-quality rubberized ON/OFF push switch for smooth and silent operation
- 2.1" green backlit LCD display showing VAL branding and model number when active
- Rear-mounted XLR-M connector for balanced audio output
- Dual powering system:
  - Internal: 3V DC (2 × AA batteries)
  - External: +48V phantom power supplied via mixer or DSP
- 23" length for optimal reach and coverage
- Flexible at both top and bottom of the stem for perfect angling and positioning
- Red LED ring indicator that lights when microphone is ON
- Precision electret condenser capsule with cardioid pickup pattern
- Wind foam protector included to reduce plosives and wind noise

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### SPECIFICATIONS

<b>MODEL</b>	<b>VGN18C</b>
<b>Capsule Type</b>	Electret condenser
<b>Polar Pattern</b>	Cardioid (unidirectional)
<b>Frequency Response</b>	50Hz – 18kHz
<b>Sensitivity</b>	-45 ±2dB (0dB = 1V/Pa at 1kHz)
<b>Signal-to-Noise Ratio</b>	≥60dB (A-weighted at 1kHz, 1 Pa)
<b>Impedance</b>	200Ω
<b>Powering Options</b>	a) Internal: 3V (2 x AA batteries, base compartment) b) External: +48V phantom power (via mixer or DSP)
<b>Standard Operating Voltage</b>	+1.5 V DC
<b>Operating Voltage Range</b>	+1 V – +10 V DC
<b>Current Consumption</b>	Max. 0.5 mA
<b>Indicators</b>	Red LED ring, 2.1" LCD screen (green backlit)
<b>Connectors</b>	Rear XLR-M (audio out), 4-pin round male aviation (mic stem)
<b>Base Construction</b>	Rugged metal with rubberized ON/OFF switch
<b>Operating Temperature</b>	-20°C to +55°C
<b>Reliability Tests</b>	Passed vibration, shock, high/low temperature, humidity, and thermal cycling
<b>Dimensions</b>	Gooseneck Microphone- 23" (584 mm) Long, Base Unit (W x H x D) - 104 x 53 x 145 mm
<b>Weight (Net / Gross)</b>	0.65 Kg / 1.10 Kg