

VGN16SC

Wired Gooseneck Professional Microphone

VAL audio

Die Liebe zur Musik



OVERVIEW

VAL audio VGN16SC microphone is miniature electret condenser gooseneck microphones with a desktop base with on/off switch. The gooseneck mic and desktop base are connected with XLR-M/F connector. The stylish desktop base allows these microphones to be used in multi-purpose rooms where quick set-up is required, or where permanent installation is impractical.

KEY FEATURES

- Wide dynamic range and frequency response for accurate sound reproduction across the audio spectrum
- Balanced, transformer less output for increased immunity to noise over long cable runs
- Heavy duty metal Base with integrated on/off switch and LED on/off indicator
- New brighter LED improves visibility under strong ambient lighting
- Integrated XLR-M connector on base for easy connectivity
- Snap-fit foam windscreen

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SPECIFICATIONS

MODEL	VGN16SC
Frequency Response	50 – 17000Hz
Polar Pattern	Super Cardioid
Output Impedance (at 1000 Hz)	Rated at 150Ω (180Ω actual)
Open Circuit Sensitivity (at 1kHz, ref. 1V Pascal*)	32.5 dBV
Maximum SPL (1kHz at 1% THD, 1kΩ load)	122.0 dB
Equivalent Output Noise (A-weighted)	28.0 dB SPL
Signal to Noise Ratio (referenced at 94dB SPL)	66.0 dB
Dynamic Range with 1 kΩ load	94.0 dB
Common Mode Rejection	45.0 dB minimum
Mute Switch Attenuation	50.0 dB minimum
Preamplifier Output Clipping Level (1% THD)	-6.0 dBV (0.5 V)
Polarity	Positive sound pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of XLR output connector
Power Requirements	48 Vdc phantom
Environmental Requirements	Operating Temperature Range: -18° to 57° C (0° to 135° F) Relative Humidity: 0 to 95%
Output Connector	Balance XLR Male
Dimensions	Gooseneck Microphone - 480 mm Long, Base Unit (WxHxD)- 108 x 50 x 137 mm
Weight (Net / Gross)	0.85 Kg / 1.35 Kg