



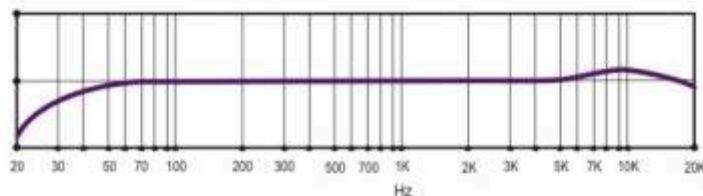
"THE FINGER" series electrostatic microphones



DESCRIPTION

VIOLET DESIGN presents "The Finger" series of electrostatic microphones, designed for all around audio recording and sound reinforcement needs where sound quality and musical character is of utmost importance. It introduces a new physical design in the industry. "The Finger" microphones use medium size single diaphragm electrostatic transducer, providing detailed sound with smooth transparent highs, optimal presence and natural low end response. Integrated special form reflector reduces resonances, removes reflections and optimizes microphone's polar pattern. Integrated damping of transducer reduces stand rumble, outside infrasonic interference and mechanical shocks. The internal Phantom powered preamplifier's class-A fully discrete transformerless circuit provides high output, flat audio response and ultra low all kind of distortion and noise. Gold plated contact output connector provides stable connection.

THE FINGER



SPECIFICATIONS

Transducer's type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter	14 mm
Frequency range	20 Hz to 20 kHz
Polar pattern	unidirectional - cardioid
Output impedance	50 ohms
Rated load impedance	1000 ohms
Suggested load impedance	>250 ohms
Sensitivity at 1000 Hz into 1000 ohms load	12 mV/Pa
S/N Ratio CCIR 468-3 weighted	71 dB
S/N Ratio DIN/IEC 651 A-weighted	82 db-A
Equivalent noise level DIN/IEC A-weighted	12 dB-A
Maximum SPL (<0.5% THD at 1000 ohm load)	140 dB
Dynamic range of the microphone's preamplifier	128 dB
Phantom voltage on pins #2 and #3 of XLR	+48 V (+/-4 V)
Phantom current's consumption	<2 mA
Output connector	XLR-3M, gold plated contacts
Signal polarity	toward pressure on a diaphragm produces positive polarity voltage on XLR pin #2 relatively to pin #3
Dimensions and weight	207 mm x 24 mm, 200 g

The microphone comes in a wooden box, with a stand holder and a manual.

APPLICATIONS

"The Finger" microphones suite wide range of studio and stage situations capturing vocals, speech, choir, musical instruments, orchestral and most other sound sources. The microphone can be used in recording, broadcast and TV studios, sound reinforcement and installed sound systems, in film and video industry, project studios, home recording and many other applications. "The Finger" microphones are available in two versions: "The Black Finger" - with polished nickel plated hardware and matte black body, and "The Gold Finger" - with polished gold plated hardware and matte black body. Under special order "The Finger" microphones are available in matched stereo pairs or matched surround sets to provide balanced recordings. Two types of external shockmounts, an unique "Reflection Ring" and superior quality quad microphone cable are available as an option.

THE BLACK FINGER



THE GOLD FINGER



OPTIONAL ACCESSORIES



**PSM elastic
studio shockmount**



**GSM
compact shockmount**



**FRR
The Reflection Ring**



**VMC-06 quad XLR3
microphone cable (6 m)**

In the interests of product development, the specifications, construction and appearance of all above products are subject to change without prior notice and without obligation to install these improvements in any product previously manufactured.

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