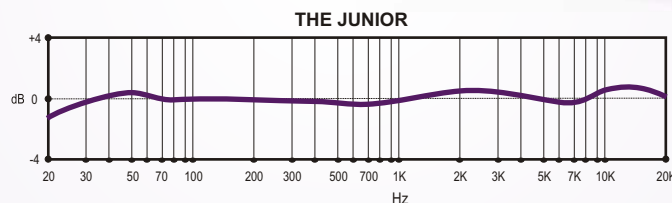


"THE JUNIOR" series electrostatic microphones



DESCRIPTION

Violet Design's "THE JUNIOR" series of studio microphones is designed for professional recording needs where audio quality and musical sound character is of utmost importance. "THE JUNIOR" uses large single diaphragm true electrostatic capsule. Microphones sound conception is based on vintage tone with some modern add of transparent highs, optimal vocal presence and fundamental low frequency register. Microphone's compact, two-side open transducer head construction reduces internal resonance and reflection and optimizes microphone's polar pattern. "THE JUNIOR" introduces a new design in the microphone industry. Transducer head is shockmounted on body to reduce stand rumble, outside infrasonic interference and mechanical shocks. The internal solid-state preamplifier is based on a class-A fully discrete circuit that provides high output, flat response and ultra low distortion and noise. Custom made large audio transformer balances output circuit, separates microphone from external RF interference and adds some additional "analog warmth" to the sound. An original construction compact external studio shockmount is included with microphone.



SPECIFICATIONS

Transducer type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter STD	26 mm
Frequency range	20 Hz to 20 kHz
Polar pattern	unidirectional - cardioid
Output impedance	100 ohms
Rated load impedance	1000 ohms
Suggested load impedance	>500 ohms
Sensitivity at 1000 Hz into 1000 ohms load	21 mV/Pa
S/N Ratio CCIR 468-3 weighted	76.5 dB
S/N Ratio DIN/IEC 651 A-weighted	87.5 db-A
Equivalent noise level DIN/IEC A-weighted	6.5 dB-A
Maximum SPL for 0.5% THD at 1000 ohm load	134 dB
Dynamic range of the microphone's preamplifier	127.5 dB
Phantom powering vottage on pins #2 and #3 of XLR	+48 V (+/-4 V)
Current consumption	<2 mA
Output connector	XLR3 male, gold plated contacts
Signal polarity	toward pressure on a diaphragm produces positive polarity voltage on XLR pin #2 relatively to pin #3
Microphone dimensions and weight	210 mm x 48 mm, 450 g
Shockmount dimensions and weight	56 mm x 62 mm x 95 mm, 250 g
The microphone comes in a wooden box, with a GSM shockmount and a manual.	

APPLICATIONS

"THE JUNIOR" series suits professional studio recording situations: capturing vocals, speech, musical instruments and most other sound sources. The microphone can be used in professional sound reinforcement systems, in broadcast and TV studios, in film and video industry, project studios and home recording, and many other applications. "THE JUNIOR" microphones are available in three physical versions: "THE JUNIOR STANDARD" - violet body, black and nickel hardware, "THE JUNIOR VINTAGE" - in black and nickel, and "THE JUNIOR SE" - custom finished. Under special order "THE JUNIOR" series microphones are available in matched stereo pairs or surround sets to provide balanced stereo or surround recordings. Spider type elastic shockmount, metal mesh pop filter and the superior quality quad microphone cable are available as an option.

THE JUNIOR STANDARD



THE JUNIOR VINTAGE



OPTIONAL ACCESSORIES



**VSMJ spider type
elastic shockmount**



**JPF metal mesh
pop filter**



**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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