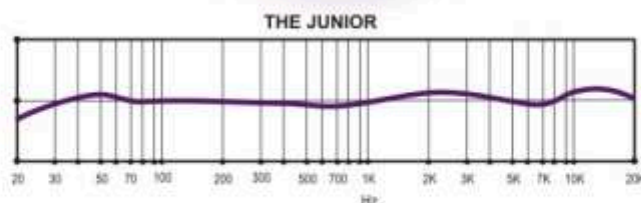




# "THE JUNIOR" series electrostatic microphones

## DESCRIPTION

VIOLET DESIGN presents "The Junior" series of studio microphones, designed for professional audio recording where sound quality and musical character is of utmost importance, and introducing a new physical design in the industry. "The Junior" model uses original construction single diaphragm electrostatic transducer, providing vintage tone with modern add of transparent highs, optimized vocal presence, fundamental low frequency register and unidirectional cardioid polar pattern. Acoustically transparent compact transducer head's construction reduces internal resonances and reflections, optimizes polar pattern, and keeps sound details close to unaffected. Integrated shockmount of transducer head, together with included with microphone external original construction compact studio shockmount reduce stand rumble, outside infrasonic interference and mechanical shocks. The internal Phantom powered preamplifier's class-A fully discrete circuit provides high output, flat audio response and ultra low all kind of distortion and noise. Custom wound large humbucking audio transformer balances output circuit, separates microphone from external interference and adds "analog" warmth to the sound. Gold plated contact output connector provides stable connection.



## SPECIFICATIONS

Transducer's type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter	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	>250 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 (<0.5% THD at 1000 ohm load)	134 dB
Dynamic range of the microphone's preamplifier	127.5 dB
Phantom powering 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
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 microphones suits professional studio recording situations: capturing vocals, speech, musical instruments, orchestral and most other sound sources. The microphones can be used in professional sound reinforcement systems and installed sound, in broadcast and TV studios, in film and video industry, project studios, home recording and many other applications. "The Junior" microphones are available in two versions: "The Junior Standard" - with polished violet body and "The Junior Vintage" - with matte black body. Under special order "The Junior" series microphones are available in matched stereo or surround sets to provide balanced recordings. Large spider type shockmount, metal mesh pop filter and 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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