



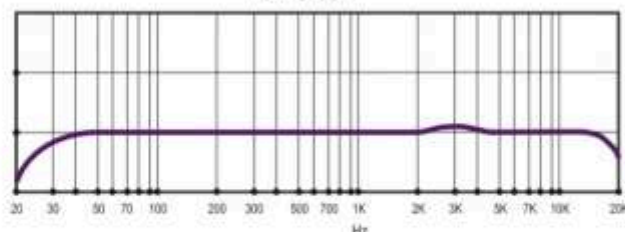
"THE DOLLY" series electrostatic microphones

DESCRIPTION

VIOLET DESIGN presents "The Dolly" series of studio microphones, designed for wide use in professional and high quality home studio audio recording situations. "The Dolly" microphones use large, less center tap dual diaphragm electrostatic transducer, providing natural, warm, musical sound with airy transparent highs, smooth midrange with optimized presence, a solid low frequency response and unidirectional cardioid polar pattern. Acoustically transparent compact spherical transducer head's construction reduces internal resonances and reflections, optimizes polar pattern and keeps sound details close to unaffected. Damped transducer head together with microphone's massive body reduce stand rumble, outside infrasonic interference and mechanical shocks. The internal Phantom powered preamplifier's class-A fully discrete transformerless circuit provides very high output, flat audio response and ultra low all kind of distortion and noise. Gold plated contact output connector provides stable connection.



THE DOLLY



SPECIFICATIONS

Transducer's type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter	27 mm, less center tap
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	26 mV/Pa
S/N Ratio CCIR 468-3 weighted	77.5 dB
S/N Ratio DIN/IEC 651 A-weighted	88.5 dB-A
Equivalent noise level DIN/IEC A-weighted	5.5 dB-A
Maximum SPL (<0.5% THD at 1000 ohm load)	133.5 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	220 mm x 44 mm, 400 g
Microphone comes in a wooden box, with a stand holder and a manual.	

APPLICATIONS

"The Dolly" series microphones suite 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 the film and video industry, project studios, home recording and many other applications. "The Dolly" microphones are available in three versions: "The Dolly Standard" - white body with matte nickel plated hardware, "The Dolly Vintage" - all in black finish, and "The Dolly DLX" - gloss violet body with polished nickel plated hardware. Under special order "The Dolly" microphones are available in matched stereo or surround sets to provide balanced recordings. Studio Kit (large spider type shockmount and metal mesh pop filter), and superior quality quad microphone cable are available as an option.

THE DOLLY STANDARD



THE DOLLY VINTAGE



THE DOLLY DLX



OPTIONAL ACCESSORIES



**DSP Studio Kit
(VSMD + DPF)**



**VMC-06 quad
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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