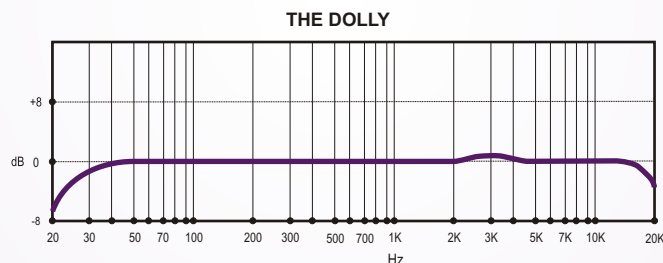


"THE DOLLY" series electrostatic microphones



DESCRIPTION

Violet Design's "THE DOLLY" series of studio microphones is designed for professional audio recording situations. "THE DOLLY" microphone uses a large dual diaphragm true electrostatic capsule providing neutral, warm and musical sound with transparent highs, smooth midrange with minimal presence, and a flat low end response. The microphone's compact, two-side open transducer head construction reduces internal resonance and reflection, and optimizes the microphone's polar pattern. The internal solid-state preamplifier is based on a class-A fully discrete transformerless circuit that provides a very high output, flat response and ultra low distortion and noise.



SPECIFICATIONS

Transducer type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter	27 mm
Frequency range	20 Hz to 20 kHz
Polar pattern	unidirectional - cardioid
Output impedance	50 ohms
Rated load impedance	1000 ohms
Suggested load impedance	>500 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 for 0.5% THD at 1000 ohm load	133.5 dB
Dynamic range of the microphone's preamplifier	128 dB
Phantom powering voltage 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
Dimensions	220 mm x 44 mm
Weight	400 grams
Microphone comes in a wooden box, with a stand holder and a manual.	

APPLICATIONS

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

THE DOLLY STANDARD



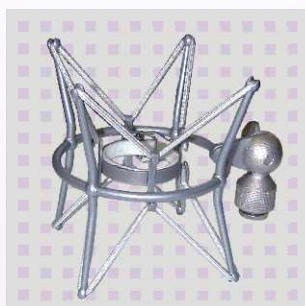
THE DOLLY DLX



OPTIONAL ACCESSORIES



DSP spider type shockmount & metal mesh pop filter studio kit (VSMD + DPF)



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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