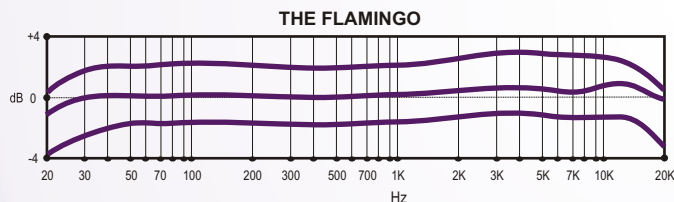


"THE FLAMINGO" series vacuum tube electrostatic microphones



DESCRIPTION

Violet Design's top line - "THE FLAMINGO" series of vacuum tube studio microphones is designed for high-end audio recording. "THE FLAMINGO STANDARD" model uses large dual diaphragm dual backplate true electrostatic capsule, providing classic vintage tube microphone sound. "THE FLAMINGO VINTAGE" model uses large dual diaphragm common backplate capsule, providing sweet warm vintage tube microphone vocal sound. "THE FLAMINGO ME" model uses extra large irregular ear shape transducer, providing unique sweet warm and resonance free vocal sound. Two side open transducer head's construction reduces internal reflection and optimizes polar pattern. "THE FLAMINGO" introduces a new physical design in the microphone industry. The internal shockmount of transducer, original construction head's shockmount and included compact external shockmount, together with microphone's massive body construction reduce close to zero stand rumble and outside infrasonic interference. Vacuum tube is mounted on separate shockmount to reduce tubes "microphonical" effect. The internal vacuum tube preamplifier is based on class-A fully discrete circuit, providing high output, flat response and ultra low distortion and noise. Vacuum tube is mounted inside a massive heat sink to stabilize tube's thermal regime. The microphone's internal preamplifier is powered from a smart external power supply unit, providing stabilized and protected polarization, plate and heater DC voltages. The custom made carefully shielded large audio transformer balances output circuit, separates microphone from external RF interference and adds some additional "analog warmth" to the sound.



MAGIC EAR
STANDARD
VINTAGE

SPECIFICATIONS

Transducer type	electrostatic
Operating principle	pressure gradient
Diaphragm's active diameter	26 mm
Diaphragm's active size Magic Ear	40 mm x 27.5 mm irregular
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	27 mV/Pa
S/N Ratio CCIR 468-3 weighted	76 dB
S/N Ratio DIN/IEC 651 A-weighted	87 db-A
Equivalent noise level DIN/IEC A-weighted	7 dB-A
Maximum SPL for 0.5% THD at 1000 ohm load	134 dB
Dynamic range of the microphone's preamplifier	127 dB
Output connector	XLR7 male, gold plated contacts
Signal polarity	toward pressure on a diaphragm produces positive polarity voltage on XLR pin #6 relatively to pin #5
Microphone dimensions and weight	307 mm x 68 mm, 1300 g
Shockmount dimensions and weight	56 mm x 62 mm x 95 mm, 250 g
PSU dimensions and weight	225 mm x 180 mm x 55 mm, 1000 g
Mains voltage	100/120/220/240 V 50/60 Hz AC
Power consumption	15 W

The microphone comes in a solid wooden box, with a VTC-06 multi wire XLR7 microphone cable, a VPSU-FL power supply unit, an AC cable, a GSM shockmount and a manual.

APPLICATIONS

"THE FLAMINGO" series suits recording studio 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 film and video industry, project studios and home recording, and many other applications. Under the special order "THE FLAMINGO" series microphones are available in matched stereo pairs or surround sets to provide balanced stereo or surround recordings. The large spider type studio shockmount, metal mesh pop filter and superior quality quad microphone cable are available as an option.

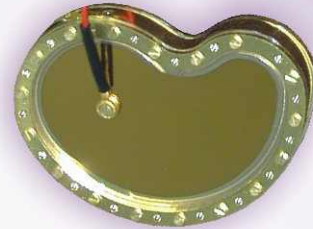
THE FLAMINGO STANDARD



THE FLAMINGO VINTAGE



THE "EAR" CAPSULE



THE VACUUM TUBE MICROPHONE POWER SUPPLY



OPTIONAL ACCESSORIES



**VSM47-FL spider type
elastic studio shockmount**



**VPF-FL 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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