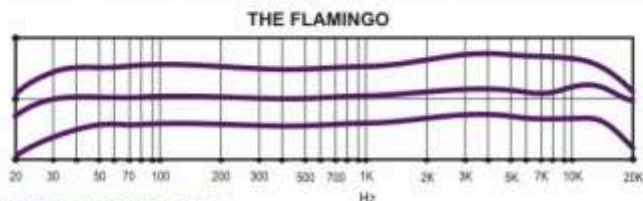


"THE FLAMINGO" series vacuum tube electrostatic microphones



DESCRIPTION

VIOLET DESIGN presents the top of the line - "The Flamingo" vacuum tube studio microphone series, designed for exclusive high-end quality audio recording and introducing a new physical design in the industry. "The Flamingo Standard" model uses dual diaphragm electrostatic transducer, providing classical wide spectrum vintage tube microphone sound. "The Flamingo Vintage" model uses dual diaphragm transducer, providing sweet warm vocal sound of the most famous vintage tube microphone. "The Flamingo Magic Ear" model uses extra large ear shape transducer, providing unique, resonance free warm and full vocal sound. All models provide unidirectional cardioid polar pattern. Large acoustically transparent head construction keeps sound details close to unaffected. The internal shockmount of transducer, integrated head's shockmount and included compact external shockmount, together with microphone's massive body construction reduce stand rumble, outside infrasonic interference and mechanical shocks close to zero. The internal vacuum tube preamplifier's class-A fully discrete circuit provides very high output, flat audio response and ultra low all kind of distortion and noise. The vacuum tube is mounted inside a massive heat sink on a separated internal shockmount. The large custom wound humbucking audio transformer balances output circuit, separates microphone from external interference and adds even more "analog" warmth to the sound. The microphone's internal preamplifier is powered by smart power supply unit, providing soft starting stabilized and protecting powering. Gold plated contact connector provide stable connection.



MAGIC EAR
STANDARD
VINTAGE

SPECIFICATIONS

Transducer's 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	>250 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 (<0.5% THD at 1000 ohm load)	134 dB
Dynamic range of the microphone's preamplifier	127 dB
Output connector	XLR-7M, gold plated contacts
Signal polarity	toward pressure on a diaphragm produces positive polarity voltage on XLR pin #6 relatively to pin #5
Microphone's dimensions and weight	307 mm x 68 mm, 1300 g
Shockmount's 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	switchable 100/120/220/240 V, 50/60 Hz AC
AC power's consumption	15 W

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

APPLICATIONS

"The Flamingo" series microphones suite professional recording studio situations capturing vocals, speech, musical instruments, orchestral and many 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 Flamingo" microphones are available in two basic versions: "The Flamingo Standard" - with polished violet body and "The Flamingo Vintage" - with matte black body. Under the special order microphones are available in "Magic Ear" version, and in matched stereo or surround sets to provide balanced recordings. The large spider type studio shockmount, vintage style metal mesh studio pop filter and superior quality quad microphone cable are available as an option.

THE FLAMINGO STANDARD



THE FLAMINGO VINTAGE



THE "MAGIC EAR" TRANSDUCER



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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