

VL19

Line Stage Preamp



VL19 is a high-fidelity fully balanced line stage preamplifier with digital remote control. VL19 employs two 6H30Pi “super triode” per each channel in wideband balanced topology for signals amplification. A total of four 6H30Pi is used in VL19.

VL19 is a single-stage preamplifier without employing global negative feedback. A single-stage preamplifier has less phase shift compared with multi-stage preamplifier. Additionally, since no global negative feedback is used, the purity of musical signals can be faithfully preserved.

Wideband MOSFETs are used in active current source for improving balanced signals integrity. Premium grade electronic components such as pure silver interconnecting cables, copper foil in oil capacitors and low noise R-core power transformer are extensively used in VL19. Advanced high precision DC regulated power supplies are used to improve overall stability and sonic performance.

VL19 comes with a digital remote controller for easy operation. Volume control can be finely set in 99 steps.

“A digitally remote controlled line stage preamplifier in fully balanced design”

Wideband balanced preamplifier

No global negative feedback

Pure silver interconnected cables

Wideband MOSFETs used in active current source

Premium grade electronic components

Advanced high precision DC regulated power supply



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CIRCUIT DESIGN

Wideband Balanced Amplifier Topology

VACUUM TUBES

4 x 6H30Pi

TOTAL HARMONIC DISTORTION

0.08% (@ 2V/100k Ω load)

SIGNAL GAIN

14dB

VOLUME CONTROL

Total 99 steps (00: MIN, 99: MAX)

FREQUENCY RESPONSE

+0, -3dB from 10Hz to 500kHz

(Measured when the volume control is bypassed)

SIGNAL TO NOISE RATIO

85dB (Balanced input)

INPUT IMPEDANCE

50k Ω (single-ended input)

100k Ω (balanced input)

OUTPUT IMPEDANCE

< 1.1k Ω (Each phase)

INPUT TERMINALS

Three sets of balanced input

Three sets of single-ended input

OUTPUT TERMINALS

Two sets of balanced output

One set of single-ended output

POWER CONSUMPTION

80W

DIMENSION

H=160mm, W=444mm, D=387mm

NET WEIGHT

15.5 kg / 34 pound

SPECIFICATIONS FOR REMOTE CONTROL

INPUT SELECT 1 to 6

VOLUME UP/DOWN

MUTE

DISPLAY ON/OFF

(Specifications subject to change without prior notice.)

Wideband balanced pre-amplifier

No global negative feedback

Pure silver interconnected cables

Wideband MOSFETs used in active current source

Premium grade electronic components

