

VXSE - KT88/C

Single-Ended Stereo Power Amplifier

Owing a valve HI-FI plant is a must for all those keen on music. VEXO designs and produces with passion, high strictness and clearness, amplifiers and preamplifiers with strong construction and characterized by a refined and exclusive design. All our products are made of selected components and the best valves on the market (Svetlana, Tesla JJ, National, Electro-Harmonix) so as their quality and reliability can offer a sound reproduced with crystal clear fidelity, high dynamics, rich in micro-details and arranged on well defined sound levels. Enjoy and be emotionally involved by a wide, structured and realistic image like the impressive performance of a live symphony orchestra or of a rock concert is simply natural with the series VXSE – KT88/C that underline and synthesize the VEXO adopted philosophy:

“PERFORMANCE & DESIGN”



MAIN FEATURES

The VXSE-KT88/C valve amplifier uses, for the output stage, some specific transformers with grain-oriented core and multi-layer windings that we properly designed with class *A* single-ended ultra-linear configuration. The selected polarisation is the *FIXED BIAS* and allows, by supplying a negative voltage to the control grid, the accurate and stand-alone adjustment of every valve's bias current, thus setting the best operating point. All control and adjustment operations (required when replacing one or more valves) are very easy thanks to the *BIAS BOARD* placed on the backside that allows those operations to be carried out without disconnecting and/or moving the equipment. The powering section includes one very low leakage flux toroidal transformer and some self-standing LRC filter for the two L/R channels. The strong frame structure is the harmonious result of advanced production processes (items are made of laser-cut sheets with a min. thickness of 15/10) and old production processes (manual mirror finishing of the AISI 304 stainless steel item) and is provided with a support base, which is separated by incorporated anti-vibration elements for reducing the possible environment disturbances, and a removable safety guard, which is painted with mat black epoxy resins (other shades available upon request). The presence of two ALPS, blue series, L/R self-contained potentiometers on the front side (simultaneous control of the volume and of the balancing) and of a CD/TUNER/AUX input selector, make the VXSE-KT88/C amplifier a complete element, with no need for further accessories.

TECHNICAL CHARACTERISTICS

- Valve complement : KT88 x 2 , 5814A x 2
- Output power : 15W + 15W RMS - 1KHz.
- Negative feedback : 10 dB.
- Bandwidth (1W) : 7Hz ? 56KHz , +/- 1,5 dB.
- Bandwidth (15W) : 15Hz ? 56KHz , +/- 1,5 dB.
- S/N ratio : > 90dB.
- Input sensitivity : 1V RMS - 1KHz (15W RMS).
- Output impedance : 8 ohms (4 ohms on request).
- Input impedance : 100K ohms.
- Voltage supply : 230V - 50/60 Hz.
- Dimensions/Weight : 450 x 350 x 220 mm / 22 Kg.

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