

# Virtual Zero Audio

AUDIO AMPLIFIERS BEYOND IMAGINATION



## SIMPELSTARK AX2

### WARMTH OF TUBES WITH NO TUBES

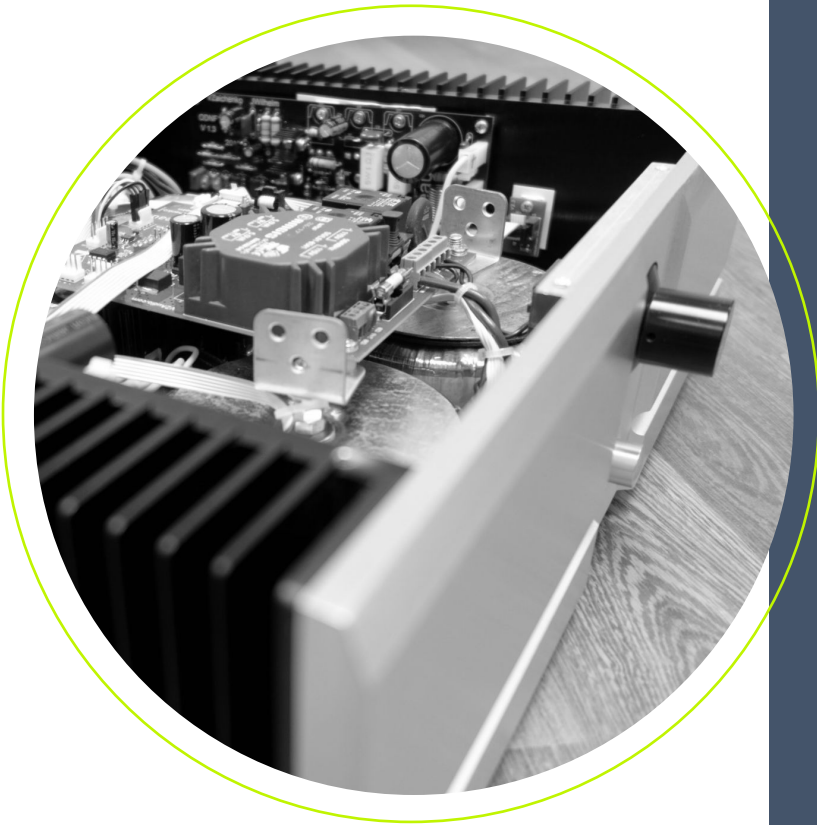
Delicate sound<sup>®</sup> approach of SIMPELSTARK AX2 involves an ultra linear symmetric topology with only 2 gain stages and very short signal path.

### ONLY DISTORTION NEGATIVE FEEDBACK

SIMPELSTARK AX2 has got no traditional global feedback loop, utilizing innovative ODNF approach with precise small signal error channel.

### SMART CONTROL/PROTECTION SYSTEM

Microcontroller based soft-start/protection system provides unprecedented reliability, taking care of both the amplifier & the speakers.



## NO COMPROMISE DESIGN

Dual mono configuration with separate power transformers and PSU modules for the left and right channels ensure very accurate soundstage.

High-power PSUs and proper wiring allow high output current capability when required.

Low noise and tube-alike harmonics profile make this amplifier particularly comfortable for long-time low-volume listening in the living room environment.

SIMPELSTARK AX2 especially shines playing acoustic music – classic, jazz, funk, soul, vocals.

Protection system utilizes solid state relays at the PSU rails as well as at the amplifier outputs, providing fast and reliable cut off in case protection system fires.

## SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Output power          | 100W RMS @ 8 ohm   |
| Frequency response    | 10Hz-150KHz ( $\pm 0.5\text{db}$ )   |
| Input impedance       | 47 Kohm  |
| Voltage gain          | 29db   |
| Signal to noise ratio | 117db (20Hz-20KHz)   |
| THD 1KHz              | $\leq 0.007\%$ (8 ohm)   |
| THD 20KHz             | $\leq 0.070\%$ (8 ohm)   |
| IMD 14+15KHz          | $\leq 0.007\%$ (8 ohm)   |
| Power supply          | 230V AC (50Hz)   |
| Net weight            | 24 kg  |
| Protection shut down  | DC offset ( $\pm 2\text{V DC}$ )<br>OPS Overcurrent<br>OPS Overtemperature<br>AC failure (mains) |

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