**Struss R150 amplifier**

The Struss R150 offers an extremely dynamic and detailed sound, while still natural and without the distortions associated with transistor devices The sound of the amplifier together with a well-matched system is full, complete and beautiful. The entire acoustic channel was realized using the JFET and HEXFET technology, which allowed the elimination of bipolar transistors and the associated distortions.

The classic look of the Struss R150 contains many elements in common with the highest model of the Struss amplifiers, the R500 (colours, knobs, etc.), thus ensuring the consistency of the Struss Amplifiers Company products.

The top quality headphone amplifier built in the Struss R150 constitutes a high value added for our customers. This headphone amplifier utilises an independent channel (Class A) with a separate power supply, JFET technology and a complementary output.

The Struss R150 amplifier is produced industrially in a factory with numerous quality control certificates. This means high standards as well as full manufacture repeatability.

As the Struss Amplifiers team we are fully convinced that this amplifier will constitute a great attraction for our customers in its price range.

Technical parameters:

Power RMS / Music: 2 x 150 W/8 Ω, 2 x 300 W/4 Ω (DIN 45500)

 Minimum load: 1 Ω (momentary)

 Distortions THD - 8 Ω: 0,025 % with a power of 1 W/8 Ω, 0,015 % of the power of 140 W/8 Ω load

 Frequency Response: 2 Hz - 300 kHz +/- 0,05 dB/ 1 W/ 8 Ω
 S / N ratio: 150 dB (IHF - A)

 Dynamic Range: Range: 145 dB
 Inputs: 4 x Universal - RCA, XLR (balanced), separated CD - RCA voltage output for external devices

 Indication of "peak": approaching the maximum output

 Transformers: 2 x toroidal, magnetically and electrostatically isolated, power 2000 VA each

 Remote control: RC5 code (volume)

 Power consumption: 200 VA - 3 000 VA (peak)

 Work in Class A: 2 x 10 W

The R150 amplifier meets all the requirements and standards applicable in the EU.

Manufacturer Warranty: 24 months

Net weight: 16 kg

Technical parameters of the headphone amplifier:

Output voltage: up to 6 V

Frequency Response: 5 Hz - 50 kHz + / - 0.02 dB (1V/600 Ω)

Output noise: up to 10 microvolts – broadband measure

Dynamic Range: 135 dB

Potentiometer (volume): the highest, precise model of BOURNS company

Distortions - T.H.D.: 1 V/64 Ω - 0.05%

Load impedance (the headphones range): 32 - 600 Ω

Is an independent headphone amplifier circuit (Class A) with a separate power supply, JFET technology, complementary output.