

New for 2016!



*Low Distortion Tertiary
wound transformers*

designed by David Shaw

ST 30se Single Ended KT150 Integrated Amp

Beautifully Simple
100% "Pure class A"
28+28 Watts UL
18+18 Watts Triode
Remote Contol
Choke power supply
Tung Sol KT150

A Versatile Affordable SE Solution!

The ST30SE is a medium powered integrated amplifier offering warmth and colour in an ultra-smooth way to delight almost anyone who is sensitive to the many harsh and clinical presentations offered by others. The ST30se offers absolute listening quality through simplicity of design and pure "Class A" operation. This is achieved by using a very simple design, high quality construction and our unique transformers designed and manufactured "in house".

Previously, affordable Single Ended designs have been low powered at around 9-13w. The excellent new KT150 valve enables more than double this power for the same cost.

The all-important high definition drive circuit for the KT150 output valve is achieved by using the superb 6SN7 valves in "Cascode" mode to get the best qualities of SE* without the drawbacks of flabby bass, hum and low power that many designs suffer.

The ST30se is optimised for Triode as well as UL operation. 18 Watts being ample for most situations. Especially with our new "Full Range M" or MFV3 speakers and other designs such as the classic Tannoys, the ST30SE will work well with any speaker of about 90dB or more.

Good sensitivity from the built in "passive" pre amp ensures good results from virtually any type of input.

The "easy bias" meter enables simple checking that the KT150 is at optimum performance, the meter also gives an indication of the output power. Very useful when you may need to know if you are likely approach the maximum available power.

Summary:

Ideal for: most situations where adequate Single Ended power is required by someone wanting a very relaxed sound. Well suited to larger more efficient speakers. Delightful listening quality. Easy to maintain, Low power consumption. Economical valve replacement cost. Low maintenance design.

Specifications and Features

- 100% Pure Class A output power
- Class A, all Triode driver stage
- Output power Triode (18W). Ultralinear (28W)
- Choke regulated power supply
- 2x KT150 output valve
- 3x 6SN7 (CV181) double triode
- All hand wired point to point
- Signal to noise level -86db
- Freq resp 20 - 20kHz +0 -0.8db 45kHz -3db(8w)
- THD typically less than 0.5% 1khz (8w)
- 4 & 8 ohm loudspeaker taps
- Low feedback design
- Switchable gain control.
- SCR audiophile caps, Jensen upgrade option
- Silver plated copper PTFE audio cable
- Tertiary winding output transformers
- Big custom wound PSU Choke
- Gold plated Input & speaker terminals
- 200mv (high) & 500mv (low) input sensitivity.
- 220/240volts 160w approx
- C E, ROHS WEEE, FCC
- Size 380mm wide 300mm deep 240mm high
- Packed weight

Typical values @ 235v AC (Specifications subject to change)

*SINGLE ENDED: is where only one output valve is used so the one valve has to "push and pull" on its own. Although this limits the power available, the lack of "phase splitter" stage required by "push pull" amps means that the mid-range and upper frequencies have less "processing" which gives a smoothness and charm to the sound not found in other designs.

*100% Pure Class "A": Because both the driver and output valves are drawing full power even at zero volume, the valves never "switch off" or go into a "low" state. This thermal and power stability enhances the reproduction of macro dynamics and sound stage spaciousness.