



pure sound

A30 Line Integrated Amplifier

The Pure Sound A30 amplifier was developed to meet the demand for an affordable Class A amplifier that would be compatible with all types of loudspeakers. The A30 is a line level integrated design that allows for the selection of up to 3 different source components and control of the volume by a high quality ALPS Blue Velvet potentiometer. Class A operation was chosen because it gives lower distortion and a more relaxing, natural sound.



The amplifier uses the very robust Electro Harmonix 6550 output valves in an Ultra Linear Push Pull configuration. This arrangement gives a combination of power and clarity that is difficult to beat. The amplifier uses an Auto Bias system, which means that replacement output valves should be fitted as matched pairs. There will be no need to reset or monitor bias conditions.

The Pure Sound A30 operates fully in Class A up to its rated output so it does not change character at any signal level. There is none of the distortion caused by output devices switching on and off and therefore no requirement for excessive feedback to correct for it. The 6550 valves supplied are the extremely robust Russian Electro-



Harmonix variety and are quite content with dissipating the power required to maintain Class A operation up to 30 Watts.

Very high quality components are used throughout including selected carbon film resistors and SCR polypropylene capacitors. The power supply makes use of twin valve rectifiers and choke smoothing. The valve rectifiers used keep the high voltage power supply clear of the noise that can be introduced by silicon rectifiers. A substantial choke is also incorporated to keep the power supply impedance low.

The output transformers also give extremely wide bandwidth allowing very solid low frequency performance as well as exceptional reproduction of timbre. The output can be configured for use with 4 or 8 ohm loudspeakers.

The Pure Sound A30 may also be used as a very high quality stereo power amplifier if the volume control is turned up fully. When partnered with appropriate ancillary equipment the A30 is capable of very satisfying performance.



These design features combined with the use of high quality passive components, octal based input and driver triodes and an elegant but simple internal layout results in an amplifier which sets a new benchmark for performance, build quality and value.

Specifications

Power output (Class A operation)	30 Watts/ch Ultra Linear, 18 Watts/ch Triode Coupled
Frequency Response	20 Hz - 20 kHz -0.25 to -0.3dB
THD	0.3 %
S/N Ratio	88 dB
Input Impedance	100 kOhm
Input Sensitivity for 0dB	100 mV
Power Consumption	260 Watts
Net weight	61 lbs / 28 kg



Dimensions (L x W x H)	17.2" x 13.8" x 8" / 435 x 350 x 200mm
Inputs	3 pairs RCA
Outputs	4 & 8 Ohm Speaker Taps
Valve Complement	4 x 6550
	2 x 5Z4P
	2 x 6n9P (6SL7)
	2 x 6n8P (6SN7)

Reviews



The A30 amplifier received a very positive test review in the October 2007 edition of HiFi Choice Magazine.

"Sensational sound quality the like of which you'll struggle to find at anything like this price elsewhere."



The A30 also featured in a group test of similarly priced amplifiers in Issue 52 (July 2007) of HiFi +

"There were times when the Pure Sound performed so incredibly well that I completely forgot I was listening to an amplifier that costs a little over £1000."



The A30 being one of the least expensive designs was felt to offer very good value. It was one of only two of these amplifiers to earn a 'Highly Commended' rating.

"..it had that tremendous presence through the mid-band that, unlike the other amps, brought the orchestra right into the room."

"..it represents excellent value and displays fabulous spatial imaging along with a fresh, 'open' sound character."



The A30 was the subject of a review in the September 2007 issue of the German AUDIO magazine.

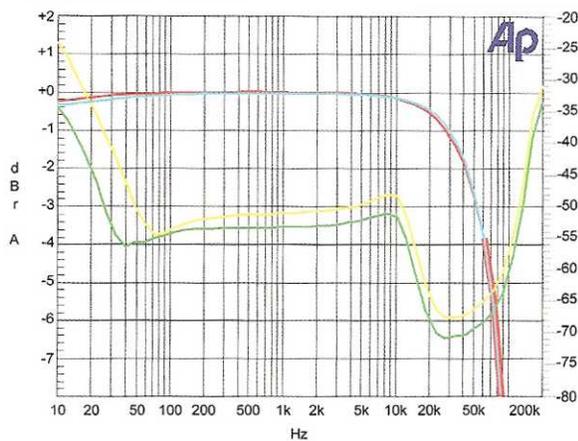
"The Paganini Variations by Boris Blacher however showed the A30 as a master of its subject; beginning in an inconspicuous manner, then revealing layer upon layer of the most exquisite, sublimely intense tonal colours."



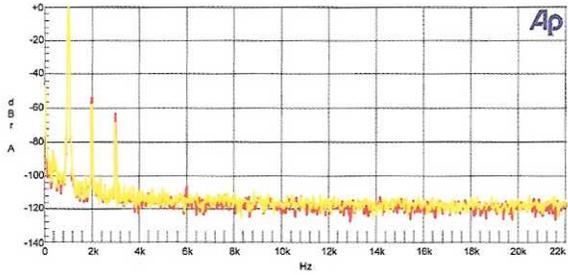
The A30 is featured as one of three valve amplifiers in Issue 6 of the subscription magazine Hi-Fi Critic. Given the antipathy of the reviewer to valve amplifiers in general, it fares quite well and is recommended. The technical measurements are also encouraging.



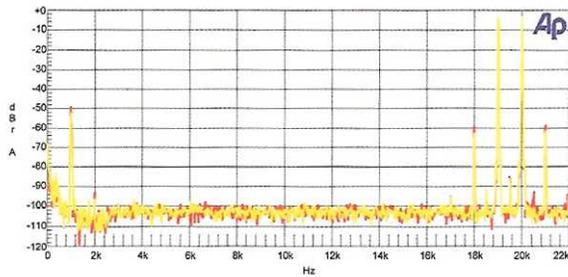
HIFICRITIC NOVEMBER / DECEMBER 2007



Frequency response 1W 8ohm L (blue) + R (red) and distortion (green + yellow).



Triode (red)
and UL
(yellow) 1W
1kHz harmonic
distortion.



Triode (red)
and UL
(yellow) 1W
19/20kHz.

