
In between portable and desktop

It can deliver a very clean and highly transparent sound. Extended frequency response, absent phase deviation allow rendering voices and instruments in the most delineated way. Detail retrieval is impressive, transient response extremely fast, in a natural, unforced way. The low end is deep, with great weight, proper control, impressive depth.

The signal path from input through output is short, with a minimum amplifier topology. Uncompromising circuit design with meticulous selection and hand-matching of critical components assures consistently transparent audio performance at all dynamic excursions and frequency extensions.

The Single Ended Pure Class A driving method along with low internal resistance battery operated power supply, ensure the highest performance at every output level, with any headphone.



QES

www.qeslabs.com

QES Labs



Portable-Desktop Amp

Pure Class A Single Ended Battery Operated Portable-Desktop Amplifier

**Class A S.E. stereo power amplifier,
totally handmade with selected
components.**

Sales Representative:

The system

Single ended Class A stereo power amplifier. Battery operated power supply delivers extremely clean energy. It's ultra-low output impedance ensures low-ohm loads to be driven with ease.

Maximum input level **0dBV**
For maximum rated power on 8Ω load.

Maximum Output Power **0.6W p.c. rms**
Onset of clipping, both channels driven, 8Ω load.

Maximum Output Level **2.2 Vrms**
For max output power, 8Ω load.

T.H.D. + Noise **0.03%**
8Ω load, resistive, 20Hz-20kHz bandwidth, 0dBV input, ½ rated output.

Matched components

A minimum number of resistors, shortest signal path through precision technology, D.C. coupling from Input to Output, no capacitors have been used in the audio path for maximum sonic experience.

Voltage Gain **5 dB**

A perfect match for today's converters levels.

Custom options
USB D/A Conversion board and iPod/iPhone dock.

Low Boost, Low Cut
To preserve phase in the audio path, no filters and capacitors have been used.

Spec Sheet

Phase Deviation **<0.1°**
20Hz-20kHz bandwidth, 0dBV input, ½ rated power.

Frequency response **1.5Hz – 100KHz**
-3dB points.

Signal to Noise Ratio **>100dB**
4dB gain, 22Hz to 22KHz, 8Ω load (resistive).

Nominal Max Output Power **0.6Wrms**
For 1% T.H.D. + Noise.

Filters
Complete absence of colouring filters

IC's
None.

Input impedance **50 K ohms**
Output impedance **<1 ohms**
Power supply **3.4Ah Lead-Gel Battery**
Net weight **7.05lbs (3.2kg)**