

---

### *Uncompromised character*

Studio reference Pure Class A balanced amplification system uncompromised in sonic character, technical specification, and mechanical workmanship, entirely "balanced", shortest signal path ensures detail, extremely wide dynamic range, increased linearity, stereo image, channel separation, intended for demanding reference listening sessions.

The signal path from input through output is entirely balanced 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 fully differential driving method along with dual mono construction and overbuilt power supply, to ensure the highest performance at every output level, with any loudspeaker.

---



---

## *PA-60*

*Studio reference Solid state high definition Class A power amplifier*



**QES**

[www.qeslabs.com](http://www.qeslabs.com)

---

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

Sales Representative:

## *The system*

Single ended Class A stereo power amplifier. Fully solid state and fully balanced.

**Maximum input level** +20dBu  
For maximum rated power on 8Ω load.

**Maximum Output Power** 60W p.c. rms  
Maximum output power, 8Ω load.

**Maximum Output Level** 21.91 Vrms  
For max output power, 8Ω load.

**T.H.D. + Noise** 0.003%  
8Ω load, resistive, 10Hz-50kHz bandwidth, 1kHz input.

## *Matched components*

A minimum number of resistors, shortest signal path through precision technology, D.C. coupling have been used in the audio path for maximum sonic experience.

**Voltage Gain** 5 dB

A perfect match for today's converters levels.

**Matched fully differential input stage**  
Low noise, wide band, fully differential discrete input stage, delivering an uncompromised sonic transparency.

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

## *Spec Sheet*

**C.M.R.R.** >-80dB  
Rejection Ratio at 10 KHz.

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

**Signal to Noise Ratio** >-100dB  
6dB gain, 22Hz to 22KHz, 8Ω load (resistive).

**Nominal Max Output Power** 60Wrms  
For 1% T.H.D. + Noise.

**Filters**  
Complete absence of colouring filters

**IC's**  
None.

**Input (xlr) impedance** 50 K ohms  
**Output impedance** 0.15 ohms  
**Power supply** 115/230 volts A.C. 50/60Hz  
(specify when ordering)