
Warmth and Softness

The Perfect Couple. A warm Class A Preamplifier with a Pultec-style vintage EQ which deliver a punch to your tracks, in a delicate, musical and never intrusive way, giving a clean transparent sound with valve warmth and very natural sounding EQ when needed.

Getting acoustic sounds onto tape/hard disk is arguably the most important part of the recording process, and choosing the right microphone and preamp is crucial.

So if you have to choose one recording channel to work with all the time, this should be it.

The unit is completely valve-based except for the power supply, input and output have fully floating transformers, and all DC voltages are stabilized.



QES

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QES Labs



QUALITY ENGINEERING SOLUTIONS

PREQ-1

*All Tube Preamplifier with
Pultec-style EQ*



**Pre & EQ with analogue tube circuitry,
totally handmade with selected
components.**

Sales Representative:

Preamplifier

Microphones plug into the XLR input on the back panel, while a D.I. jack socket resides on the front panel. A 12-step rotary knob controls the pre-amp gain, so recall of exact settings is entirely possible.

Mic Gain Range **20 – 55 dB**
In 2 dB steps, with optional fine tuning Volume knob.

Output **-inf. to 0dB**
Continuous rotary knob for main output attenuation.

High Pass **-6dB/oct.**
Switchable between Off, 60Hz, and 100Hz.

Phase
Selectable between 0° and 180°.

Input **4 steps**
The Input selector switches between Line Pad and mic./instr. linked or Inset mode (unlinked).

Equalizer

2-band EQ with Low Pass shelving Filter, with fixed switchable frequency options.

Low **+/-15dB**
Six frequency options: 16, 30, 45, 80, 100, 160 Hz.

Low Boost, Low Cut **+/- 15dB**
Two independent knobs with 15dB of continuously variable gain, mixable together.

High
With six selectable frequencies of 3, 5, 8, 10, 12, 16 kHz.

High Boost **15dB**
Continuously variable gain from 0 to 15dB. Bandwidth continuously variable from broad to sharp.

Low Pass
Six selectable frequencies of 6, 10, 14, 16, 20, 40 kHz.

High Cut **-15dB**
Gain range from 0 to -15dB continuously variable.

Spec Sheet

C.M.R.R. **<-60dB**
Rejection Ratio at 10 KHz.

Frequency response **15Hz – 45KHz**
+0.5 / -3dB.

Noise **<80dBu**
20dB gain, 22Hz to 22KHz, 200-ohm terminated.

Maximum Output Level (M.O.L.) **+26dBm**
For 1% T.H.D. + Noise.

Filters
Low shelving, Band, High shelving.

Tubes
1 x ECC83LPS, 3 x 5814A.

Mic Input impedance **1k ohms**
Input 2 (instr.) impedance **4.7 M ohm**
Line Input impedance **600 ohms**
Output 1&2 impedance **600 ohms**
Power supply options **117/230 volts A.C. 50/60Hz**

