

QES Labs



Warmth and Softness

Designed to be the ultimate way to get your mic or source directly to tape or hard disk. It uses a pure tube, class A high voltage circuit topology with a custom transformer output stage to deliver an open, intimate sound with a level of detail that meets the requirements of the most demanding recording applications..

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 preamp to work with all the time, this should be it.

Our short signal path design excels in audio performance, delivering extremely wide bandwidth, low noise, and high headroom.



SMP-2

All Tube Dual Microphone – Line Preamplifier for Stereo Recording



QES

www.qeslabs.com

**Preamplifier with analogue tube circuitry,
totally handmade with selected
components.**

Sales Representative:

Preamplifier

Microphones plug into the XLR input on the back panel, a 11-step rotary knob controls the pre-amp gain, so recall of exact settings is entirely possible.

Gain Range +20/+70dB

In 10dB steps, with fine tuning Volume knob.

Output +35dB

Max

Phase

Selectable between 0° and 180°.

Input Selection 3 steps

The Input selector switches between Line Pad, Microphone, and 48V Phantom.

Custom wound transformers

No resistors or capacitors have been used in the audio path for maximum sonic experience.

Gain 11 steps

Eleven switchable positions enable to correctly set the output level, with a circuit topology which keeps the stages gain constant. The audio signal is taken from the 11 taps of a custom wound transformer, thus ensuring that the signal message is never lost, since it is never referred to ground as conventional volume control pots do.

Low Boost, Low Cut

No resistors or capacitors were used in the audio path, so you won't find the usual HPF

Spec Sheet

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

Frequency response 15Hz – 35KHz
+0.5 / -3dB.

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

Maximum Output Level (M.O.L.) +18dBm
For 1% T.H.D. + Noise.

Filters

Complete absence of colouring filters

Tubes

2 x 12BZ7, 2 x 6414 (for each channel).

Input (xlr) impedance 200 ohms

Output impedance 600 ohms

Power supply 210/230 volts A.C. 50/60Hz

