



SP501

500 series class-A preamp



Gain: Input-range -80dB to -25dB / -50dB to +5dB with 30dB pad active.

-30dB: pads the signal -30dB. For best signal to noise ratio, avoid the -30dB pad if not needed.

48v: Activates the 48v phantom power.

A: Activates the class-A balanced transformer. Keep the monitoring level down to avoid loud pops when you switch between output stages.

Ge: When selecting the germanium drive, a small germanium amp is inserted after the preamp stage. For more color, select higher gain and back off a little with the output level control.

HPF: 30-400Hz High Pass Filter with 12dB slope.

Ø: Reverses the output polarity.

Hi-Z input: High impedance instrument input.

Z: Switchable input impedance. High/low, 1600ohm/400ohm.(low when engaged)

Output: Output level control.

In: Activates the instrument input.

Gain range 25 to 80dB

48v phantom power

-30dB input pad

Transformer balanced class-A output

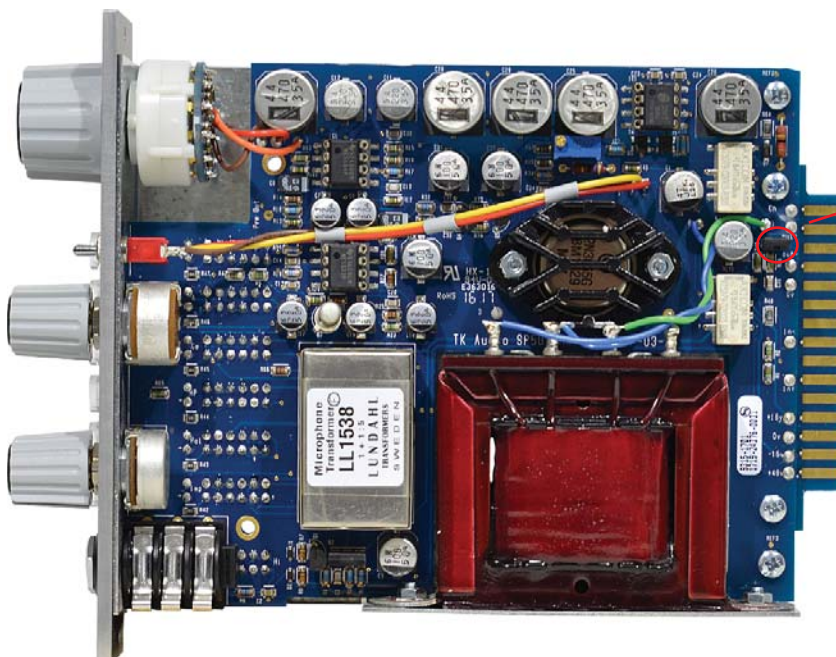
Germanium stage for more harmonics

HPF 12dB sloop, sweepable 30-400Hz

Output polarity (flips the phase)

Input impedance 800 ohm or 200 ohm

Hi-impedance instrument input



The output transformer is normally terminated with a 600 ohms resistor to get a flat frequency response. If you use the preamp together with a 600ohms input impedance you can unterminate the output by removing the shorting jumper.