

LP-1 Line Pad Accessory

The LP-1 Line Pad is an accessory for the VT-1 and VT-2 Vacuum Tube Microphone Preamplifiers that allows the preamp to accommodate a line-level signal of approximately +4 dBm. This is used when it is necessary for the VT-2 to process a line-level signal, such as in final processing of a mix.

Note that the LP-1 is not designed to be used as a “direct box.” For most musical instruments, the level and impedance are not correct for use with the LP-1. An exception would be if the instrument had a professional level, low-impedance, balanced output for recording.

To use the LP-1, simply connect the +4 dBm, balanced signal source (such as the output of a mixer) to the LP-1 “Input.” Then connect the LP-1 “Output” directly to the input of the VT-2 preamp. The VT-2 output would then feed the recorder.

The loss through the LP-1 is approximately 43 db. With a +4 dBm input, the output is a bit high for the VT-2 in the “0” position of the Input switch. The “-20” position will provide a better level in most circumstances. However, it may be desirable to use the “0” position in some circumstances, such as when the line level is particularly low, or when it is advantageous to over-drive the VT-2 to obtain a “fatter” sound. As always, use your ears to determine which position you find most appropriate for the project.

The LP-1 is a passive device and requires no power. There is little to go wrong with the LP-1, and no routine maintenance is necessary.