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Line Preamplifier
L10
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L10 Preamplifier

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The L10 preamplifier is a marvel of advanced engineering and fine quality. To understand the exceptional value Acurus presents we will examine the features which contribute to its superb sound quality.

The Circuit
Most preamps in the $1,000 price range utilize integrated circuits, as found in inexpensive receivers, to keep the cost down. These complete circuits do not allow for the fine tuning required to achieve state of the art sound quality. This is the reason that in the $2,000 plus range, virtually all preamplifiers use fully discrete class A circuitry and no integrated circuits. The Acurus L10's circuitry is fully discrete class A, as found in $2,000 price range preamps.

The Volume Control
The quality of the preamplifier's volume control is extremely important. Because the entire audio signal must pass through it, its effect is substantial. The Acurus L10 utilizes a non detented stepped volume control as is typically found in preamplifiers in the $2,000 price range.

The Components
Tight tolerance components are required to be certain that the sound quality achieved in the prototype is sustained in every production unit. To achieve this, the Acurus utilizes 1% tolerance metal film resistors. The only capacitors in the signal path are tight tolerance metalized polypropylene. Again these are the same type of components found in $2,000 preamplifiers.

The Switches
The switch quality is also important since the entire source signal passes through it. To further protect the signal the Acurus has only one switch contact in the signal path. Preamplifiers with a by-pass mode still have the source signal passing through a minimum of two switch contacts when in by-pass. Not only is the L10's signal "cleaner" than any other preamp in by-pass, but it goes even further, the switch has silver to silver contacts, the same as $2,000 preamplifiers.

The Power Supply
The use of a high efficiency circuit allows for quiet operation with an internal power supply. Due to the circuit's efficiency a smaller, low radiation, low noise power supply can be utilized, thereby saving the additional cost of an external supply.

It is for these reasons that the L10 gives you the musicality you expect from preamplifiers more than three times the price. And it is for these reasons that Mondial Designs, Ltd., is internationally recognized as manufacturing the best value in audio.

Specifications

Frequency Response
20-20kHz +0.0,-0.15 dB.

Total Harmonic Distortion
0.06%

Signal to Noise Ratio
95dB A Weighted

High Level Sensitivity
60mV

Maximum Output Voltage
8 Volts RMS

Voltage Gain at Full Volume
18.8 dB

Input Impedance
10k ohms

Output Impedance
47 ohms

Tape Outputs
2

Preamp Outputs
2

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