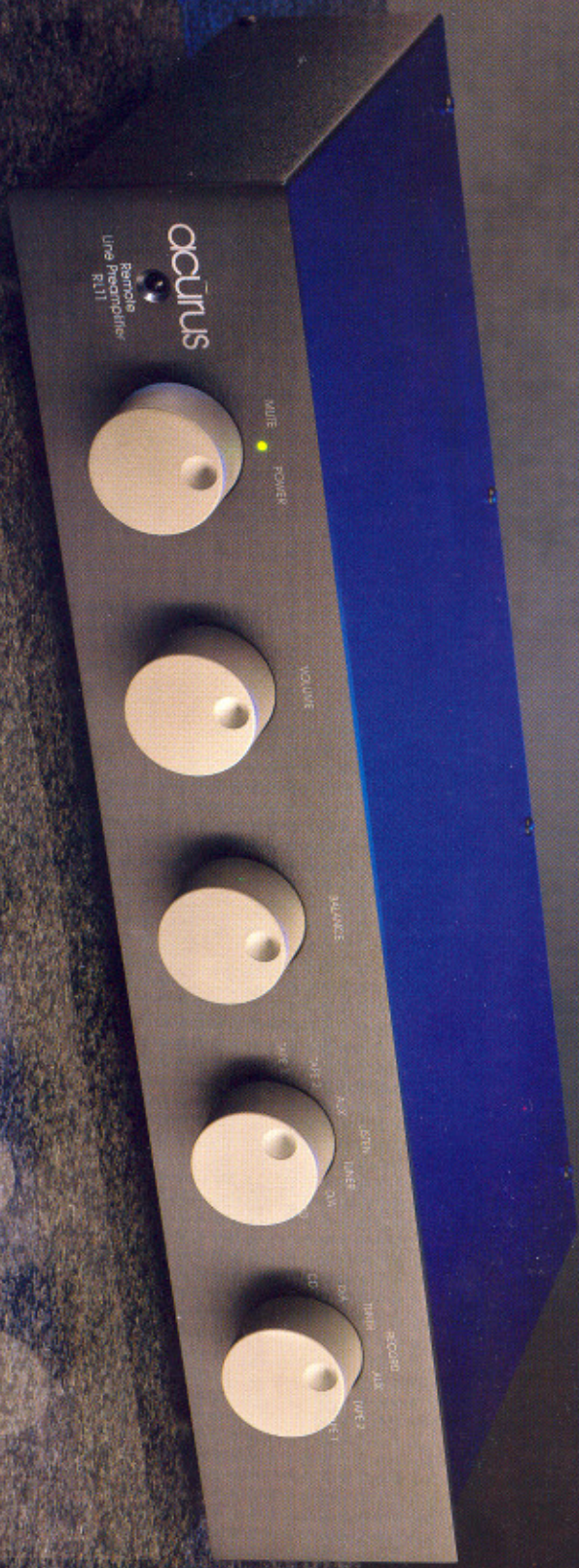


**acurus**  
Accuracy from the U.S.



acurus

The Acurus preamplifiers are excellent examples of advanced designs with unique solutions instead of compromises. The Acurus LS11 and remote controlled RL11 provide the exceptional sound quality that can only be derived from meticulous engineering and superior build quality.

### **PURE DISCRETE CLASS A CIRCUITRY**

The world's finest preamplifiers use only fully discrete class A circuitry and never any integrated circuits. The Acurus circuitry is fully discrete class A, as is found in these esoteric preamplifiers. To keep costs down, preamps in the Acurus price range use integrated circuits (ICs), as found in inexpensive receivers. These inflexible, mass produced circuits do not allow for the fine tuning required to achieve *state of the art* sound quality.

### **SOLID STATE CONSISTENCY**

Completely solid state in design, they provide accuracy, consistency and reliability. These preamplifiers offer a high degree of musicality without sacrificing accuracy. They provide the wide band frequency response, very low distortion and complete phase accuracy that is only possible with advanced solid state engineering. Acurus' pure discrete class A circuitry will sound the same day after day and year after year, because discrete solid state components don't degrade from use. The exceptional reliability of Acurus has been well established both in America and overseas.

### **QUALITY CONTROLS**

The quality of the preamplifiers' volume and balance control is extremely important. The entire audio signal must pass through them, therefore, their effect on sound quality is substantial. The

Acurus preamplifiers use the same laser trimmed volume and balance potentiometers found in components costing several times the price.

### **SILVER CONTACT SWITCHES**

The selector switch quality is important since the entire source signal passes through it also. To further maintain signal purity, Acurus has only one switch contact in the signal path. Preamplifiers utilizing a so called passive or by-pass mode still have the source signal passing through a minimum of two switch contacts, even when in by-pass. The combination of only a single switch, with silver to silver contacts, guarantees the least possible deviation from the original source material.

### **NO TONE CONTROLS**

Tone controls are incapable of compensating for deficiencies in the sound because they operate over far too wide a frequency range. These controls add noise, distortion and severe phase shift which degrade the original signal. They are typically found on lower quality audio components, such as boom boxes and receivers, to compensate for their inherent lack of accuracy and power. Acurus components eliminate the need for such artificial and inaccurate compensation.

### **MATCHED PRECISION COMPONENTS**

Tight tolerance components are required to assure that the sound quality achieved in the prototype is maintained in every production unit. To achieve this uniformity, the Acurus utilizes 1% tolerance metal film resistors. Only tight tolerance metalized polypropylene capacitors are in the signal path and all transistors are matched pairs. Again, these are the same type of components found in considerably more costly preamplifiers.

### **GLASS EPOXY CIRCUIT BOARD**

Most preamplifiers in this price range use inexpensive paper circuit boards, as are found in electronic toys and games. Acurus circuit boards are double sided glass epoxy, with plated through holes. This allows for increased contact area of soldered components yielding superior sound and reliability. They are the same type of quality circuit boards found in medical and military equipment.

### **HIGH EFFICIENCY CIRCUIT**

The use of a high efficiency circuit design allows for quiet operation with an internal power supply. Due to the efficiency, a smaller, low radiation, low noise power transformer can be utilized. This dual mono DC power supply provides outstanding signal to noise performance and stereo separation.

### **UNCOMPROMISED REMOTE CONTROL**

To maintain the exceptional quality engineered into the LS11, remote control is added to the RL11 without changing any components in the signal path. Motors are attached to the volume and balance controls, providing remote operation. A microprocessor is added to accurately control the motors. The handheld remote is unique and intuitive in operation. A light tap of the volume or balance buttons allows for the subtlest possible change.

Remote solid state switching adds audible and measurable distortion. Since in the vast majority of situations people are going to their system to load the CD, record, tape or laser disc, remote switching is not needed. With the optional RPC-120 power strip and AC line filter, your entire system can be turned on and off via the Acurus remote.

Acurus by Mondial Designs – made in the U.S. and internationally acclaimed as the best value in audio.

# LS11/RL11

## Preamplifiers

### **SPECIFICATIONS**

**Frequency Response:**  
20-20kHz 10.0, 0.1 dB.

**Total Harmonic Distortion:**  
0.05%

**Signal to Noise Ratio:**  
95dB A Weighted

**High Level Sensitivity:**  
60mV

**Maximum Output Voltage:**  
8 Volts RMS

**Input Impedance:**  
10k Ohms

**Output Impedance:**  
47 Ohms

**Tape Outputs:**  
2

**Preamp Outputs:**  
2

**Dimensions:**  
17" wide  
3½" high  
8" deep

**19" front panel optional**

**Weight: 14 lbs.**

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