

## Stereo Coffee Three Input Instructions

In your parcel please find Power supply,Preamp

### The front panel

On the left is a rotary switch to switch each of the inputs, position one lowest to the left is input 1, move the switch to the right for input 2, followed by input 3. In use one stereo input when changed to the next input will fade gently out and the next selected input will commence. Although not in this image a blue LED was fitted and the volume knob was also fitted as a silver type.



Your attenuator uses the NSL32SR3 LDR's which are presently the best available audio purpose LDR.

LDR's differ to stepped attenuators or passive volume controls. Although they are a passive signal side circuit, the LDR really suits audio reproduction, and they are we believe as close to natural reproduction, as is presently possible to achieve.

### Circuitry

The signal side is a what is referred to as an L pad, comprised of a series matched pair of LDR's in series with each stereo source to the output, and a second pair called the shunt pair from output to ground. As the volume increases the series pair lessen their resistance connecting the source to the outputs, and the shunt pair increase their resistance away from ground. The opposite occurs as volume decreases. If you have not heard LDR's before you will notice an extremely quiet

background that assists proper dynamics of music to be heard.

### Volume Control

The volume control is the other front control, when leaving for extended periods leave the volume at about 1/3rd. The volume control should give nice gradual control of volume, and be very comfortable to use. You should find audio commencing at approx 9 am position and sufficient volume available.

Your attenuator was tested with a 0db ( no attenuation or amplification digital source) into a Quad 306 power amp that has 375mv sensitivity, loaded by 30k fixed resistance. L/R balance was set as exact for each input and the output with a Fluke multimeter.

### Connections

Make signal connections to your partnering equipment including power amp prior to turning on your power amplifier. Have volume at 1/3rd ( 11am ) initially.

### Power supply

The external power supply is fitted with a plug see image next page that carries a locator so it can only go in one way, gently move the plug until it inserts in the rear panel socket then fingertight the silver collar.

The power supply is suitable for any country. There is internal regulation inside the case that conditions the power supply to specifically suit the characteristics of LDR's

### Rear Panel



The rear panel carries from the far Right referring to the above image RCA sockets for Outputs Left and Right , followed by Input 1, left and right, followed by Input 2 and to the far left Input 3, ( Input 3 being selected when the front panel knob is furthest to the right of its travel )

There are minor differences in the sensitivity of each pair of inputs  
Input 3 is the most sensitive, followed by Input 2 , and Input 1.  
You may wish to try each source component you use, to see which suits best.

For any servicing please bubble wrap and return with a brief letter, or email to [dbxrecord@gmail.com](mailto:dbxrecord@gmail.com)  
Stereo coffee Kits  
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Recommended CD's  
ECM artists provide not only very good music, but also very good recordings  
Jan Garbarek Rites  
John Abercrombie Marc Johnson Peter Erskine live CD  
Keith Jarrett live at the Deer head inn

**Tord Gustavsen What was Said, an outstanding recording.**

**We trust your preamp will become your single best audio investment.  
And please let us know how it goes. [dbxrecord@gmail.com](mailto:dbxrecord@gmail.com)**

**Cheers / Chris**