



**Notes**  
 Overdrive Mode = OD Switch Open or Footswitch Open = LDR2 & LDR3 ON  
 Clean Mode = OD Switch Closed or Footswitch Closed = LDR1 & LDR4 ON  
 Light Dependent Resistors (LDR) Are Vactec VTL5C1, LED + LDR Optoisolator Switches  
 LDRs Are Used As Silent Switches - LED On = Switch On/Closed  
 Switches Shown In OD Mode, Crunch/Clean in Clean, Bright Switch Off, Standby Closed  
 Clean Channel Is Active & Parallel In OD Mode  
 Channels Are Out Of Phase With No Channel Mixing Resistors For Max Interaction  
 Crunch/Clean Switch Swaps Two Attenuating Voltage Dividers (see upper left of schematic)  
 OD Channel Is Deactivated In Clean Mode  
 FX Send Attenuator Dumps 99% Of Guitar Signal, FX Recovery Brings 80% Back  
 Bass Frequencies Are Attenuated By Partial Cathode Bypass, Not Coupling Cap Size  
 For High Voltage Bias Tap Insert 220K 1W Resistor Before Bias Diode  
 All Resistors Are Metal Film 1/2W 1% Unless Otherwise Noted  
 1 Recommend 1 or 2 Watt Metal Film Instead of 1/2 Watt For Less Hiss  
 All Caps .002uF and Smaller Are Dipped Ceramic

# Soldano Super Lead Overdrive SLO-100 & 50

Switches Shown In OD Mode, Crunch/Clean in Clean, Bright Switch Off, Standby Closed

Clean Signal Path = Preamp 1 + Crunch/Clean Attenuator + Clean Gain Pot + Clean Preamp 2 + Attenuator + Clean Preamp 3 + FX Buffer + Attenuator + FX Jacks + FX Recovery + Tone Stack Buffer + Tone Stack + Clean Master Volume + LTP + Power Tubes + Output Transformer + Speaker

Overdrive Signal Path = Preamp 1 + Clean/Crunch Attenuator + Clean Gain Pot + Clean Preamp 2 + Attenuator + OD Preamp 4 + FX Buffer + Attenuator + FX Jacks + FX Recovery + Tone Stack Buffer + Tone Stack + OD Master Volume + LTP + Power Tubes + Output Transformer + Speaker  
 (Channels Are Out Of Phase And No Mixing Resistors Used For Maximum Interaction in OD Mode)

**100 Watt**  
 360-0-50-360V 400ma  
 6.3V Heaters 9A  
 6.3V Switch 2A

**50 Watt**  
 360-0-50-360V 200ma  
 6.3V Heaters 6A  
 6.3V Switch 2A