

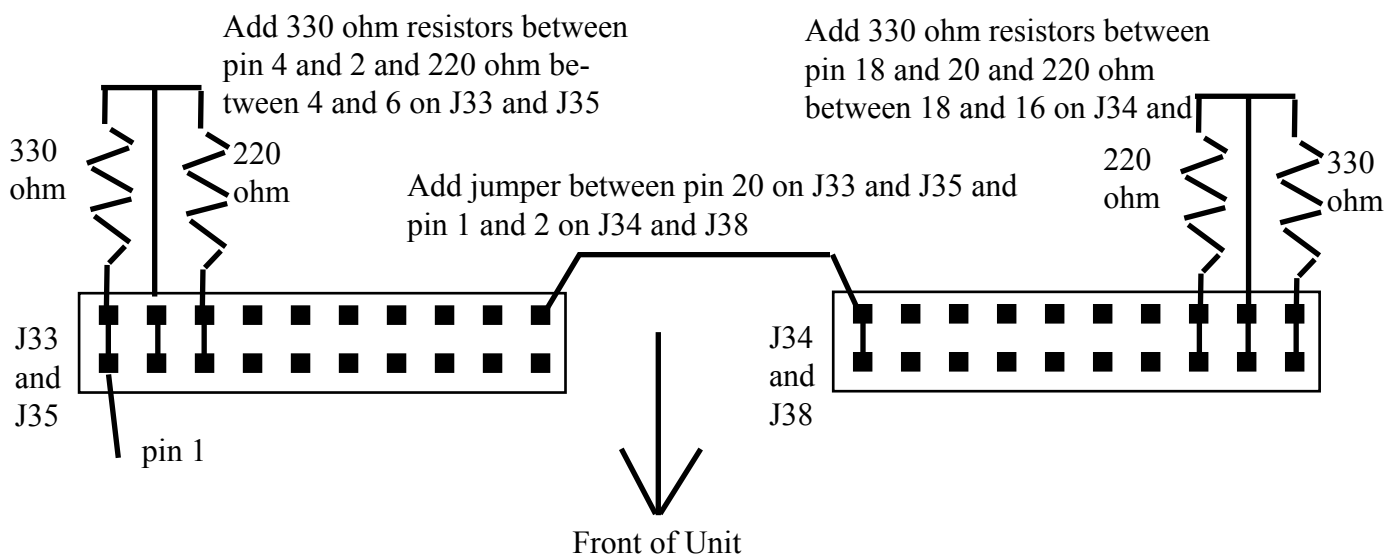
The analog output of the Platinum DACs and CD Players is higher than normal to accommodate passive volume controls. Internal passive volume controls are available for the Platinum products. If you do not use these internal volume controls, you may experience levels too high for your preamp. This is especially possible with a tube preamp. The result may be clipping or distortion. To solve this problem, a upgrade is possible which will reduce the output of the unit by 8 dB (half).

You can do this upgrade yourself, or we can send you a kit. If you do your own, be sure to use 1% high-quality metal film resistors so your audio quality will not be impaired. Upgrades are shown for Platinum Plus, DAC II or CD II and DAC III or CD III products.

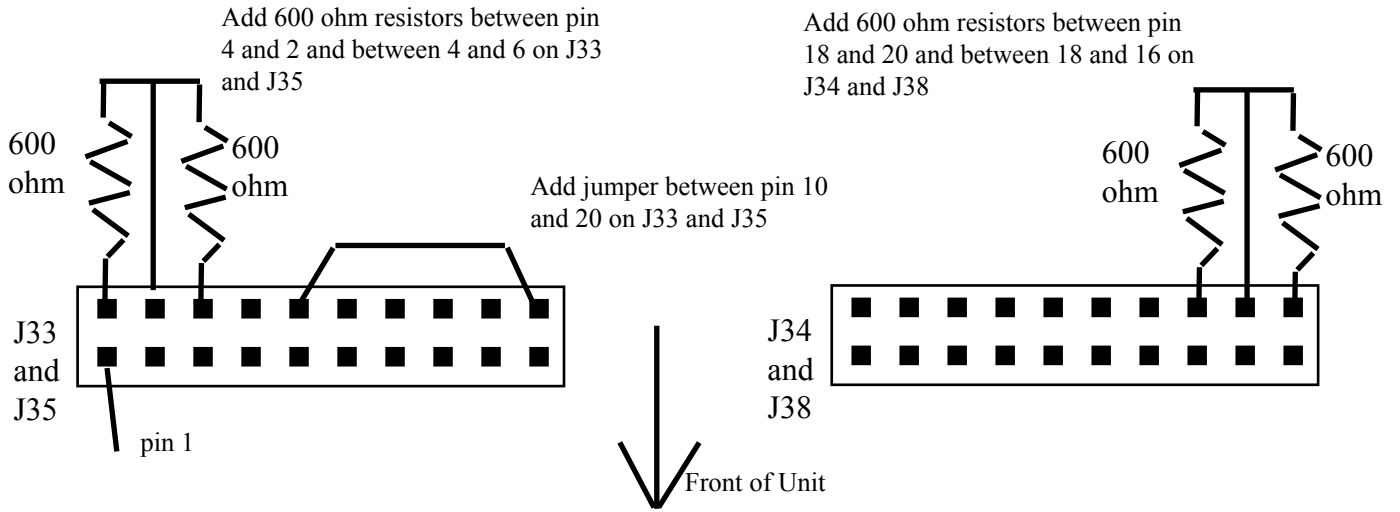


Header with resistors installed plugs into pins

Volume Attenuation on Platinum CD III and Platinum DAC III



Volume Attenuation on Platinum Plus and Platinum DAC II



The two modifications shown are repeated for the Right and Left channel. (2 jumpers and 8 resistors are needed) It will reduce the output by 50%. The jumper between pin 10 and pin 20 on J33 activates the volume header. The two resistors make a voltage divider on the output, one divider for the inverted and non-inverted outputs of each channel. Pins 6 of J33 and 16 of J34 are ground. Pins 2 of J33 and 20 of J34 or the input and pins 4 of J33 and 18 of J34 are the outputs. You may adjust the resistor values accordingly to get some other output level.