



Loudness Control

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This loudness control works with the volume control to provide a more even listening contour. Since the human ear can hear sound in the middle of the audio spectrum better than at the extremities, it is desirable to attenuate high and low frequencies less than the middle frequencies as the volume is cut.

With SW1 on, bass and treble are boosted relative to middle frequencies. RV1a is ganged to the volume control, this varies the strength of loudness control so that at low volume the effect is more noticeable. This unit will replace the volume control in a present system, coming between the preamp and power amplifier. If a stereo unit is to be made, SW1 should be four pole two way, and it is best to have separate volume / loudness controls for each channel since four way potentiometers are hard to find.