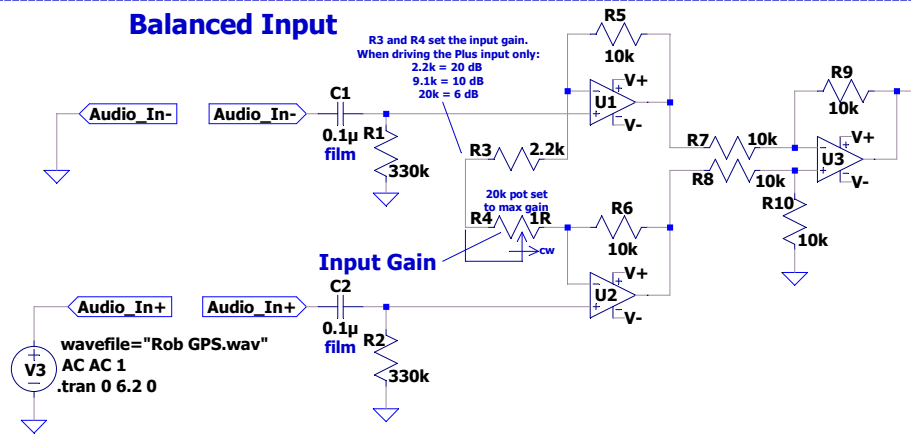


Balanced Input

R3 and R4 set the input gain.
When driving the Plus input only:
2.2k = 20 dB
9.1k = 10 dB
20k = 6 dB



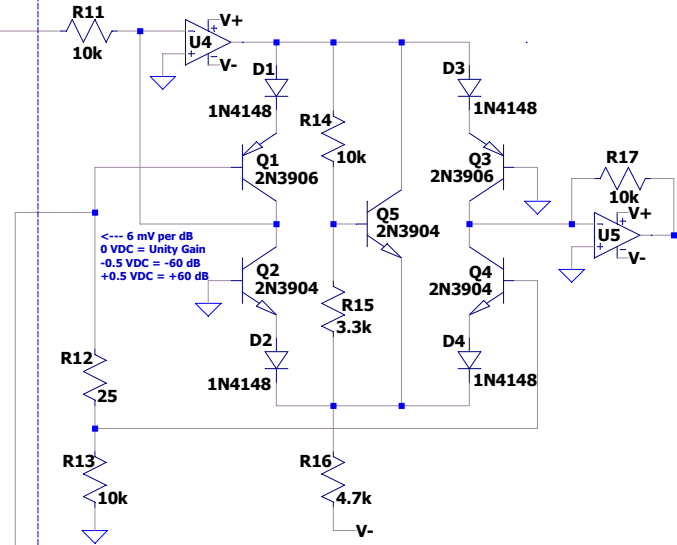
Available source files:

wavefile="Rob GPS.wav" (set .tran to 6.2 seconds)

wavefile="Narration.wav" (set .tran to 22.2 seconds)

wavefile="Four Sines.wav" (set .tran to 1.2 seconds)

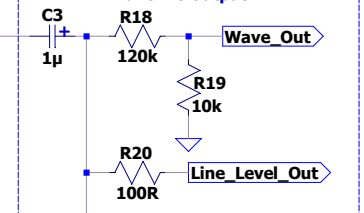
Voltage Controlled Amplifier



This voltage sets how far down the compressor will reach to bring up soft content = "Reverse Threshold."
With a 500 ohm pot the range is 749 ohms = 365 mV = -60dB through 249 ohms = 123 mV = -20 dB
(These values interact with the Attack and Release times.)

Change this to a SPICE directive to activate:
.wave "Output Rob.wav" 16 44.1k V(Wave_Out)

Pad to < 2V P-P for
Wave file Output



Volume Control Voltage

Output Level Detector

Full-Wave Rectifier

The Level Comparator sets
a fixed threshold. Lower
voltages raise soft parts less.
Level Comparator

Disable Charging for 300 mS

Depth
500 Ohm Pot
set to middle

Release Time

Attack Time

