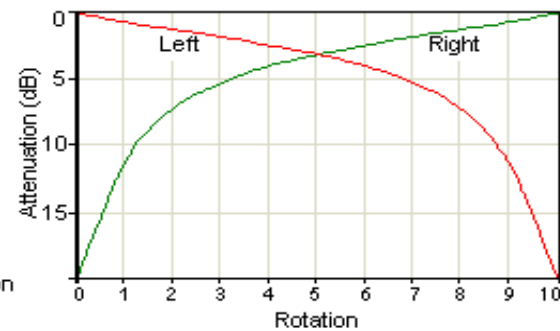
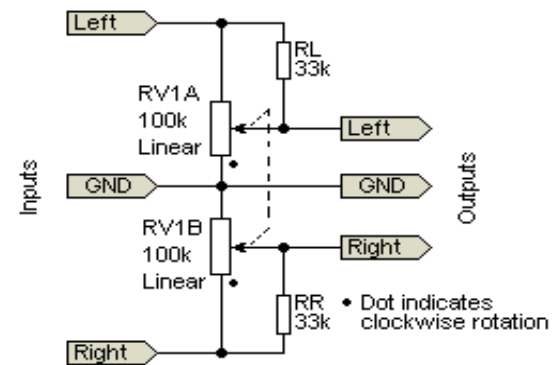


VOLUME

Step	dB	Ratio
0	0	1
1	-3	0,707946
2	-6	0,501187
3	-9	0,354813
4	-12	0,251189
5	-15	0,177828
6	-18	0,125893
7	-21	0,089125
8	-24	0,063096
9	-27	0,044668
10	-30	0,031623

<http://sound.westhost.com/pots.htm>

BALANCE



Model RV1A as two resistors in series, R1 and R2. RL will then be in parallel with R1.
Set RL to 35k

$$V_o = (V_i * R_2) / ((R_1 \parallel R_L) + R_2)$$

	Step	RL	R1	R2	R1 RL	Vo (Vi=1)	Att dB	
Max att	0	35	100	0	25,92593	0 0,2	--	
	1	35	90	10	25,2	0,284091	-13,9794	Manually inserted instead of MUTE for step 0
	2	35	80	20	24,34783	0,45098	-10,9309	
	3	35	70	30	23,33333	0,5625	-6,91685	
	4	35	60	40	22,10526	0,644068	-4,99755	
Center	5	35	50	50	20,58824	0,708333	-3,82137	
	6	35	40	60	18,66667	0,762712	-2,99525	Attenuation in dB at center
	7	35	30	70	16,15385	0,8125	-2,35279	
	8	35	20	80	12,72727	0,862745	-1,80353	
	9	35	10	90	7,777778	0,920455	-1,28235	
Min att	10	35	0	100	0	1	-0,71995	0