



Io with Volume Controls  
**Gain by Volume Position (dB)**

Volume Position	Gain	Rel Gain	Volume Position	Gain	Rel Gain
45	82.5	0	22	49.8	-32.7
44	81	-1.5	21	48.8	-33.7
43	79.3	-3.2	20	47.8	-34.7
42	76.8	-5.7	19	46.7	-35.8
41	74.8	-7.7	18	45.3	-37.2
40	72.6	-9.9	17	44.1	-38.4
39	70.7	-11.8	16	42.4	-40.1
38	68.3	-14.2	15	40.8	-41.7
37	66.2	-16.3	14	39.2	-43.3
36	64.3	-18.2	13	37.7	-44.8
35	63.1	-19.4	12	36.2	-46.3
34	61.9	-20.6	11	34.6	-47.9
33	60.9	-21.6	10	32.9	-49.6
32	59.9	-22.6	9	31.7	-50.8
31	59	-23.5	8	30.7	-51.8
30	58	-24.5	7	29.8	-52.7
29	57.1	-25.4	6	28.8	-53.7
28	56.5	-26	5	27.8	-54.7
27	55.3	-27.2	4	26.3	-56.2
26	53.9	-28.6	3	24.3	-58.2
25	52.5	-30	2	21.1	-61.4
24	51.6	-30.9	1	14.8	-67.7
23	50.6	-31.9	0	0	N/A

**Note:** Ultimate gain can vary depending on tubes installed.  
 Values given for SE in to Bal out. SE out = -6dB.