

Speaker Model	648C-8	848C-8	1048C-8	865C-8	1065C-8	1265C-8	1565C-8	1090C-8	1290C-8	1590C-8	12110C-8
Reference Number											
Diameter size in inches	6	8	10	8	10	12	15	10	12	15	12
Diameter size in centimeters	20.32	20.32	25.4	20.32	25.4	30.48	38.1	25.4	30.48	38.1	30.48
Z-Normal Impedance in Ohms	8	8	8	8	8	8	8	8	8	8	8
Fs=Free air resonance frequency in Hz	67.4	67.4	48.9	64.9	51.1	44.60	54.40	51.1	49.2	51.1	46.3
Qts=Total Q factor of driver	0.43	0.43	0.54	0.40	0.40	0.50	0.70	0.20	0.30	0.40	0.30
Vas=Equivalent acoustic volume in cubic feet	0.3	0.3	1.6	0.7	1.1	2	6	1.3	2.2	3.6	2.8
Vas=Equivalent acoustic volume in liters	8.496	8.496	45.1895	18.90	31.98	56.35	169.84	37.79	61.85	100.64	77.74
Xmax=peak linear displacement of cone in inches	0.19	0.19	0.19	0.19	0.2	0.22	0.22	0.22	0.22	0.24	0.23
Xmax=peak linear displacement of cone in mm	4.826	4.826	4.826	4.83	5.08	5.59	5.59	5.59	5.59	6.10	5.84
Pe=Max, power in watts	350	350	400	400	400	400	400	500	500	500	600
Ref=Driver's SPL 1W at 1m in dB											
SPL=The Half-space sensitivity in dB	86.6	89.4	91.5	93.0	92.0	92.0	98.0	95.0	96.0	96.2	97.0
Voice Coil Diameter in inches	2	2	2	2	2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	3
Mounting Depth in inches	3 1/2	3 1/2	4	3 1/2	3 1/2	5 1/2	5 3/4	4 1/2	4 3/4	5 1/2	5
Sd=Piston Area in sqm	0.0182	0.034	0.034	2.56	0.034	0.034	0.0531	0.0531	0.0182	0.034	0.034
BL=T*M Flux Density, Length Product	10.071	9.4009	12.7355	39.7	9.4009	12.7355	9.1371	10.8228	10.071	9.4009	12.7355
no=The half-space re. efficiency	0.29%	0.40%	0.48%	0.29%	0.40%	0.48%	0.51%	0.54%	0.29%	0.40%	0.48%
Cms=Mechanical suspen. compliance	171.12	451.013	493.561	171.12	451.013	493.561	398.462	446.372	171.12	451.013	493.561
Mms=Mech. mass of cone & free air load	42.69	58.9722	58.9722	42.69	58.9722	58.9722	79.938	75.7783	42.69	58.9722	58.9722
Qms=Mechanical Q factor of driver	7.334	8.1904	7.4451	7.334	8.1904	7.4451	10.9234	7.4451	7.334	8.1904	7.4451
Qes=Electrical Q factor of driver	0.551	0.5233	0.4167	0.551	0.5233	0.4167	0.6829	0.6547	0.551	0.5233	0.4167
Revc=DC Voice Coil resistance in Ohms	3.54	4.0446	6.1826	3.54	4.0446	6.1826	4.0252	5.8861	3.54	4.0446	6.1826
Zmax=Imped. at top or resonance curve in Ohms	3.54	67,3458	116,653	3.54	67,3458	116,653	68,4111	72,8167	3.54	67,3458	116,653
Fo=Free air resonance frequency in Hz	58,8	30,8605	29,5003	58,8	30,8605	29,5003	28,2001	27,3652	58,8	30,8605	29,5003
Magnet weight (oz.)	48	48	48	48	48	48	48	48	48	48	48
Magnet weight (kg)	1.68791	1.68791	1.68791	1.68791	1.68791	1.68791	1.68791	1.688	1.68791	1.68791	1.68791
Frequency response range tested from 20-2000 Hz	20-5900	20-3100	20-3000	40-4.000	35-4.00	35-3.500	35-3.000	20-2700	20-5900	20-3100	20-3000