

2005 Digital Audio Sub and Box Parameters

MODEL	DASPL10	DASPL12	DASPL15
Fs (Hz)	35.2	30	28.48
Qts	0.475	0.46	0.459
Qes	0.53	0.51	0.51
Qms	4.3	4.85	4.52
Vas (liters)	21.46	50	79.4
Vas (cu. ft)	0.76	1.76	2.8
Revc (ohms)	1.8	1.8	1.8
Pmax (watts RMS)	1000	1500	2000
Sd (m ²)	0.0346	0.053	0.534
SPL (dB)	91	93	95
EBP	66	59	56
MODEL	DASPL10	DASPL12	DASPL15
VENETD ENCLOSURES			
Total Volume (cu. ft)	1.25	2	3
Port Dia (inches)	3	4	4
Port Length (inches)	9.5	10.75	2 x 14.25
Tuned Frequency (Hz)	36	35	36
-3dB (Hz)	32	31	30
SEALED ENCLOSURES			
Minimum Sealed (cu. ft)	0.25	0.5	1.50
Maximum Sealed (cu. ft)	0.75	1.25	2.50

2005 Digital Audio Sub and Box Parameters

MODEL	DA9010X	DA9012X	DA9015X
Fs (Hz)	35	33	26.81
Qts	0.45	0.5	0.51
Qes	0.5	0.56	0.57
Qms	4.43	4.89	4.66
Vas (liters)	23.8	49.85	138.09
Vas (cu. ft)	0.84	1.76	4.87
Revc (ohms)	3.6	3.6	3.6
Pmax (watts RMS)	800	1100	1200
Sd (m ²)	0.0346	0.053	0.085
SPL (dB)	86	88	97
EBP	70	59	47
MODEL	DA9010X	DA9012X	DA9015X
VENETD ENCLOSURES			
Total Volume (cu. ft)	1.25	2	3
Port Dia (inches)	3	4	4
Port Length (inches)	8.9	10	2 x 14
Tuned Frequency (Hz)	37	37	36
-3dB (Hz)	31	31	31
SEALED ENCLOSURES			
Minimum Sealed (cu. ft)	0.25	0.5	1.50
Maximum Sealed (cu. ft)	0.75	1.5	2.75

2005 Digital Audio Sub and Box Parameters

MODEL	DA8010X	DA8012X	DA8015X
Fs (Hz)	36.77	33	29.5
Qts	0.417	0.48	0.49
Qes	0.47	0.55	0.56
Qms	3.44	3.79	3.93
Vas (liters)	23.38	49.29	113.15
Vas (cu. ft)	0.82	1.74	3.99
Revc (ohms)	3.6	3.6	3.6
Pmax (watts RMS)	700	1000	1200
Sd (m ²)	0.0346	0.053	0.085
SPL (dB)	92	94	95
EBP	78	60	52
MODEL	DA8010X	DA8012X	DA8015X
VENETD ENCLOSURES			
Total Volume (cu. ft)	1.25	2	3
Port Dia (inches)	3	4	3
Port Length (inches)	10	10.75	2 x 7
Tuned Frequency (Hz)	35	35	35
-3dB (Hz)	31	31	32
SEALED ENCLOSURES			
Minimum Sealed (cu. ft)	0.25	0.25	1.75
Maximum Sealed (cu. ft)	0.75	1.25	3

2005 Digital Audio Sub and Box Parameters

MODEL	DA7010X	DA7012X	DA7015X
Fs (Hz)	37.19	33.89	29.71
Qts	0.41	0.49	0.5
Qes	0.5	0.552	0.568
Qms	4.09	4.35	4.31
Vas (liters)	31.44	32.114	126.46
Vas (cu. ft)	1.11	1.13	4.46
Revc (ohms)	3.6	3.6	3.6
Pmax (watts RMS)	600	800	1000
Sd (m ²)	0.0346	0.053	0.085
SPL (dB)	91	92	94
EBP	74	61	51
MODEL	DA7010X	DA7012X	DA7015X
VENETD ENCLOSURES			
Total Volume (cu. ft)	1.25	2	3
Port Dia (inches)	3	4	3
Port Length (inches)	10	10.75	2 x 7
Tuned Frequency (Hz)	35	35	35
-3dB (Hz)	31	31	32
SEALED ENCLOSURES			
Minimum Sealed (cu. ft)	0.25	0.5	1
Maximum Sealed (cu. ft)	1	1.25	2.75

2005 Digital Audio Sub and Box Parameters

MODEL	DA4008	DA4010	DA4012	DA4015
Fs (Hz)	46	35	33	32
Qts	0.48	0.48	0.49	0.5
Qes	0.58	0.55	0.54	0.52
Qms	7.83	4.16	4.1	4.1
Vas (liters)	17.5	42.5	71	129
Vas (cu. ft)	0.58	0.55	2.88	4.01
Revc (ohms)	3.6	3.6	3.6	3.6
Pmax (watts RMS)	300	400	500	600
Sd (m ²)	0.0204	0.0346	0.053	0.085
SPL (dB)	87	87.6	88.64	89.1
EBP	85	65	60	57
MODEL	DA4008	DA4010	DA4012	DA4015
VENETD ENCLOSURES				
Total Volume (cu. ft)	1	1.25	2	3
Port Dia (inches)	2.5	3	4	4
Port Length (inches)	8.5	10	10.5	2 x 12.5
Tuned Frequency (Hz)	38	35	35	36
-3dB (Hz)	34	30	30	33
SEALED ENCLOSURES				
Minimum Sealed (cu. ft)	0.25	0.5	0.5	1
Maximum Sealed (cu. ft)	0.75	1	1.5	2.25

2005 Digital Audio Sub and Box Parameters

MODEL	DA2008	DA2010	DA2012	DA2015
Fs (Hz)	45	38	35	30
Qts	0.54	0.51	0.5	0.49
Qes	0.58	0.55	0.54	0.52
Qms	7.83	6.35	6.87	7.1
Vas (liters)	14.6	35	81.5	113.8
Vas (cu. ft)	0.58	0.55	2.88	4.01
Revc (ohms)	3.6	3.6	3.6	3.6
Pmax (watts RMS)	200	300	400	500
Sd (m ²)	0.0204	0.0346	0.053	0.085
SPL (dB)	86.6	89.4	88.9	90
EBP	77	69	64	58
VENETD ENCLOSURES				
Total Volume (cu. ft)	0.8	1.25	2.25	3
Port Dia (inches)	2	3	4	4
Port Length (inches)	7.25	10	10	2 x 7.5
Tuned Frequency (Hz)	37	35	35	35
-3dB (Hz)	34	31.5	33	32
SEALED ENCLOSURES				
Minimum Sealed (cu. ft)	0.10	0.25	0.50	1.50
Maximum Sealed (cu. ft)	0.35	0.75	1.25	2.75

2005 Digital Audio Sub and Box Parameters

MODEL	DAMD50	DAMD60
Fs (Hz)	61.5	41.8
Qts	0.87	0.33
Qes	1.2	0.36
Qms	3.2	3.93
Vas (liters)	4.5	6.5
Vas (cu. ft)	0.15	0.23
Revc (ohms)	3.3	3.3
Pmax (watts RMS)	200	2100
Xmax (\pm mm)	3	4
Levc (mH)	0.25	2.6
Sd (m ²)	0.009	0.012
SPL (dB)	80	83
EBP	69	116
Mmd (grams)	38	48
SEALED ENCLOSURES		
Minimum Sealed (cu. ft)	0.1	0.15
Maximum Sealed (cu. ft)	0.25	0.5
VENETD ENCLOSURES		
Total Volume (cu. ft)	0.5	0.75
Port Dia (inches)	2	2
Port Length (inches)	5.5	6.5
Tuned Frequency (Hz)	50	38
Minus 3dB freq (Hz)	40	35