



ULTIMO SC SUBWOODER SPECIFICATIONS

SUBWOOFER	ULTIMO SC122	ULTIMO SC124	ULTIMO SC102	ULTIMO SC 104
Nominal Impedance (ohms)	2	4	2	4
Power Handling (Wrms)	600	600	600	600
Max. Trans.Pwr Handling (10 ms) W	2000	2000	2000	2000
Sensitivity dB (2.83V/1M)	89	89	88	87
Frequency Response (Hz)	10-900	10-900	10-900	10-900
Cone Material	Carbon-fiber laminated paper	Carbon-fiber laminated paper	carbon fiber laminated paper	carbon fiber laminated paper
Net Weight Kg (pound)	6.3 (13.9)	6.3 (13.9)	6.1 (13.44)	6.1 (13.44)
Driver displacement L (cu.ft.)	2.6 (0.09)	2.6 (0.09)	2.34 (0.08)	2.34 (0.08)
Voice Coil Diameter mm (inch)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)
Voice Coil Height mm (inch)	31 (1.2)	31 (1.2)	31 (1.2)	31 (1.2)
Voice Coil Type/ Former	Aluminum	Aluminum	Aluminum	Aluminum
Voice Coil Wire	Hexatech™ Aluminum	Hexatech™ Aluminum	Hexatech™ Aluminum	Hexatech™ Aluminum
Number of Layers	2	2	2	2
Max. Linear Ex./Xmax - mm (inch)	± 9.5 (0.37) each way	± 9.5 (0.37) each way	± 9.5 (0.37) each way	± 9.5 (0.37) each way
Magnet System	Double Magnet Vented	Double Magnet Vented	Double Magnet Vented	Double Magnet Vented
HE-Magnetic Gap Height - mm (inch)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)
B-Flux Density (T)	0.61	0.61	0.61	0.61
BL Product/BXL (T.M)	7.19	12.27	7.06	11
DC Resistance	1.3	3	1.3	3
Voice Coil Induct. @1 kHz (MH)	0.31	0.91	0.27	0.85
Suspension Compliance CMS - mm/N	0.245	0.215	0.25	0.3
Mechanical Q Factor	2.05	2.14	1.75	1.84
Electrical Q Factor QES	0.59	0.5	0.48	0.43
Total Q Factor QT	0.45	0.41	0.38	0.35
Mech.Resistance RMS	11.43	12.36	10.86	9.97
Moving Mass MMS gr	136	150	91.6	101.7
Equiv. Can Air Load VAS Liter (cu.ft.)	68.86(2.43)	60.29(2.12)	42(1.48)	50(1.77)
Resonant Frequency Fs Hz	27.51	28	33	29
Effective Piston Area SD Sq.cm.	448	448	346	346
Unit Diameter mm (inch)	305	305	263	263
Mounting Depth mm (inch)	151.5	151.5	143	143
Mounting Cutout mm (inches)	263 (10.35)	264 (10.35)	225.15 (8.87)	225.15 (8.87)

* Morel operates a policy of continuous products design improvement, consequently specifications are subject to alteration without prior notice.