



Clarus Subwoofers
Specifications and Parameters
July 17, 2013

	CBSW-D2	CBSW-D4	C10SW-D2	C10SW-D4	C12SW-D2	C12SW-D4	C15SW-D2	C15SW-D4
Overall Diameter	φ209.5 mm (8.25-inch)	φ209.5 mm (8.25-inch)	φ273.5 mm (10.77-inch)	φ273.5 mm (10.77-inch)	φ314 mm (12.36-inch)	φ314 mm (12.36-inch)	φ388.5 mm (15.3-inch)	φ388.5 mm (15.3-inch)
Mounting Depth	104.5 mm	104.5 mm	124.5 mm	124.5 mm	138.5 mm	138.5 mm	197 mm	197 mm
Bolt Circle Diameter	φ197 mm	φ197 mm	φ257.5 mm	φ257.5 mm	φ297 mm	φ297 mm	φ373.5 mm	φ373.5 mm
Mounting Hole	φ188 mm	φ188 mm	φ248.5 mm	φ248.5 mm	φ280 mm	φ280 mm	φ353.5 mm	φ353.5 mm
Pnom Rated Power Input (AES Standard)	175 watts	175 watts	200 watts	200 watts	250 watts	250 watts	800 watts	800 watts
Pmax Rated Power Input (AES Standard)	350 watts	350 watts	400 watts	400 watts	500 watts	500 watts	1600 watts	1600 watts
Frequency Response (+/- 3dB)	30 - 1000 Hz	30 - 1000 Hz	25 - 1000 Hz	25 - 1000 Hz	25 - 800 Hz	25 - 800 Hz	20 - 800 Hz	20 - 800 Hz
Efficiency 2.83V/1 meter	90.2 dB	90.2 dB	92 dB	92 dB	92 dB	92 dB	92 dB	92 dB
Mms	63.5 g	63.5 g	95 g	95 g	148 g	148 g	349 g	349 g
Cms	275 um/N	275 um/N	291 um/N	291 um/N	186 um/N	186 um/N	135 um/N	135 um/N
BL Series / Parallel (T*m)	13.6 / 6.87	17.6 / 9.5	15.7 / 8.6	21.7 / 10.3	16.9 / 8.5	20.7 / 10.8	22.6 / 11.3	31.5 / 14.7
Voice Coil Diameter	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm	75 mm	75 mm
Impedance Series / Parallel	4 Ω / 1 Ω	8 Ω / 2 Ω	4 Ω / 1 Ω	8 Ω / 2 Ω	4 Ω / 1 Ω	8 Ω / 2 Ω	4 Ω / 1 Ω	8 Ω / 2 Ω
DC Resistance Series / Parallel	3.6 Ω / 0.9 Ω	6.8 Ω / 1.7 Ω	3.6 Ω / 0.9 Ω	6.8 Ω / 1.7 Ω	3.6 Ω / 0.9 Ω	6.8 Ω / 1.7 Ω	3.6 Ω / 0.9 Ω	6.8 Ω / 1.7 Ω
Fs (Free Air)	38 Hz	38 Hz	30 Hz	30 Hz	30 Hz	30 Hz	23 Hz	23 Hz
Qms	7.76	7.5	7.9	9.2	8.9	8.1	11.9	11.6
Qes	0.295	0.36	0.26	0.32	0.35	0.44	0.35	0.42
Qts	0.284	0.35	0.25	0.30	0.34	0.40	0.34	0.40
Xmax (Two Way)	18 mm	18 mm	20 mm	20 mm	22 mm	22 mm	26 mm	26 mm
Vas	18.5 L	18.5 L	46 L	46 L	60 L	60 L	104 L	104 L
Sd	21642 mm ²	21642 mm ²	33329 mm ²	33329 mm ²	47723 mm ²	47723 mm ²	73542 mm ²	73542 mm ²

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