

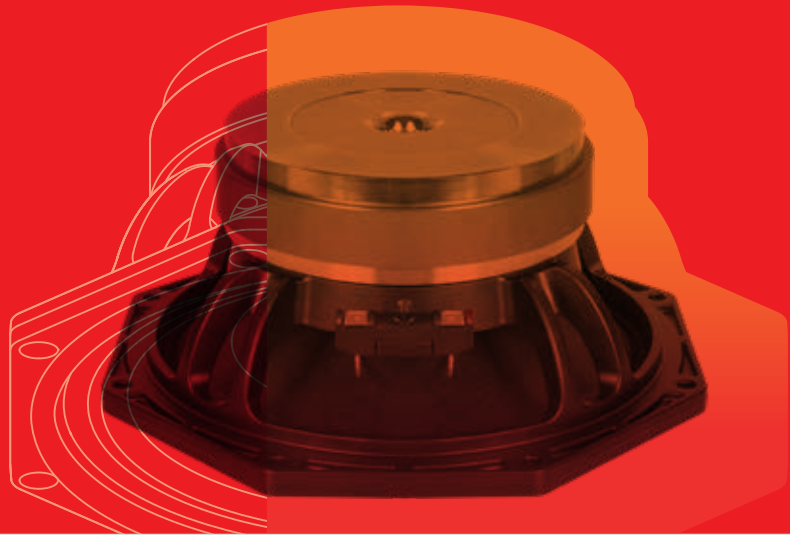


**B&C SPEAKERS
PRO-
DUCTS
2024**

8FMB51

8" FE MIDBASS

The FMB series mid-bass woofers from B&C Speakers offer acoustic designers a range of high efficiency, wide bandwidth alternatives that are not currently available in the B&C catalogue. These full-featured transducers incorporate lower cost ferrite motors, inside/outside wound CCAW voice coils and weatherproof impregnated paper cones.



4NDF34
EXTENDED LF

Magnet Material	Neodymium Slug
Voice Coil Diameter	34 mm (1.3 in)
Continuous Program Power	200 W
Sensitivity (1W/1m)	92.0 dB
Frequency Range	110 - 8000 Hz
Xmax / Xvar	3.8 mm / 5.7 mm
Vas	1.6 dm ³ (0.06 ft ³)
Fs / Qts	110 Hz / 0.27
Net Weight	0.55 kg (1.21 lb)
Depth	66 mm (2.6 in)
Features*	TWP



4NDS34
4" ND WOOFER

Magnet Material	Neodymium slug
Voice Coil Diameter	34 mm (1.34 in)
Continuous Program Power	200 W
Sensitivity (1W/1m)	89 dB
Frequency Range	80 - 2000 Hz
Xmax / Xvar	3.8 mm / 5 mm
Vas	2.6 dm ³ (0.09 ft ³)
Fs / Qts	79 Hz / 0.24
Net Weight	0.55 kg (1.21 lb)
Depth	67 mm (2.64 in)
Features*	TWP; RSS



5FG44
5" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	44 mm (1.7 in)
Continuous Program Power	200 W
Sensitivity (1W/1m)	92.0 dB
Frequency Range	63 - 6000 Hz
Xmax / Xvar	3.0 mm / 5.0 mm
Vas	6.3 dm ³ (0.22 ft ³)
Fs / Qts	63 Hz / 0.27
Net Weight	1.6 kg (3.53 lb)
Depth	77 mm (3.03 in)
Features*	RSS; WP



5MDN38
5" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	38 mm (1.5 in)
Continuous Program Power	200 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	240 - 10000 Hz
Xmax / Xvar	3.5 mm / 2.5 mm
Vas	0.6 dm ³ (0.02 ft ³)
Fs / Qts	240 Hz / 0.45
Net Weight	0.94 kg (2.07 lb)
Depth	75 mm (2.95 in)
Features*	SCC; WP; AVC



5NSM38
5" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	38 mm (1.5 in)
Continuous Program Power	220 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	300 - 3500 Hz
Xmax / Xvar	2.2 mm / 3.0 mm
Vas	0.3 dm ³ (0.01 ft ³)
Fs / Qts	300 Hz / 0.79
Net Weight	1.4 kg (3.09 lb)
Depth	108 mm (4.25 in)
Features*	ADR; DHL; WP; AVC; SBM



6MD38
6" FE MIDRANGE

Magnet Material	Ferrite
Voice Coil Diameter	38 mm (1.5 in)
Continuous Program Power	240 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	150 - 6000 Hz
Xmax / Xvar	2.0 mm / 4.5 mm
Vas	3.0 dm ³ (0.1 ft ³)
Fs / Qts	130 Hz / 0.44
Net Weight	2.3 kg (5.07 lb)
Depth	82 mm (3.2 in)
Features*	ADR; AVC



6PEV13
6" FE MIDRANGE

Magnet Material	Ferrite
Voice Coil Diameter	38 mm (1.5 in)
Continuous Program Power	240 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	150 - 8000 Hz
Xmax / Xvar	2.5 mm / 1.5 mm
Vas	6.0 dm ³ (0.21 ft ³)
Fs / Qts	126 Hz / 0.36
Net Weight	2.35 kg (5.18 lb)
Depth	78 mm (3.07 in)
Features*	APP; AVC



6PS38
6" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	38 mm (1.5 in)
Continuous Program Power	300 W
Sensitivity (1W/1m)	94.0 dB
Frequency Range	75 - 5000 Hz
Xmax / Xvar	6.0 mm / 7.5 mm
Vas	8.0 dm ³ (0.28 ft ³)
Fs / Qts	75 Hz / 0.3
Net Weight	2.35 kg (5.18 lb)
Depth	82 mm (3.23 in)
Features*	ADR; RSS; IDC; AVC; WP



6MDN44
6" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	44 mm (1.7 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	150 - 6000 Hz
Xmax / Xvar	2.5 mm / 3.0 mm
Vas	2.7 dm ³ (0.09 ft ³)
Fs / Qts	140 Hz / 0.4
Net Weight	1.0 kg (2.2 lb)
Depth	73 mm (2.9 in)
Features*	ADR; AVC; VVC; WP



6MBX44
6" ND MIDBASS

Magnet Material	Neodymium Ring
Voice Coil Diameter	44 mm (1.7 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	115 - 5000 Hz
Xmax / Xvar	3.5 mm / 3.0 mm
Vas	4.1 dm ³ (0.14 ft ³)
Fs / Qts	113 Hz / 0.31
Net Weight	1.59 kg (3.51 lb)
Depth	87 mm (3.43 in)
Features*	ADR; AVC; WPI



6NSM51
6" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	300 - 6000 Hz
Xmax / Xvar	2.8 mm / 3.0 mm
Vas	0.7 dm ³ (0.02 ft ³)
Fs / Qts	280 Hz / 0.6
Net Weight	2.25 kg (4.96 lb)
Depth	113 mm (4.45 in)
Features*	ADR; DHL; WPI; AVC; SBM



8FMB51
8" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	51 mm (2 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	67 - 4500 Hz
Xmax / Xvar	± 5.5 mm / ± 5.0 mm
Vas	20.7 dm ³ (0.73 ft ³)
Fs / Qts	67 Hz / 0.28
Net Weight	3.4 kg (7.5 lb)
Depth	92 mm (3.62 in)
Features*	ADR; VVC; WIC



8PE21
8" FE MIDRANGE

Magnet Material	Ferrite
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	90 - 5000 Hz
Xmax / Xvar	2.5 mm / 4.5 mm
Vas	13.0 dm ³ (0.46 ft ³)
Fs / Qts	87 Hz / 0.19
Net Weight	4.25 kg (9.37 lb)
Depth	91 mm (3.58 in)
Features*	-



8PS21
8" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	94.0 dB
Frequency Range	70 - 3000 Hz
Xmax / Xvar	5.0 mm / 4.0 mm
Vas	14.0 dm ³ (0.49 ft ³)
Fs / Qts	73 Hz / 0.33
Net Weight	3.3 kg (7.5 lb)
Depth	91 mm (3.6 in)
Features*	SCC; IDC



8FW51
8" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	70 - 5000 Hz
Xmax / Xvar	6.0 mm / 5.0 mm
Vas	12.0 dm ³ (0.42 ft ³)
Fs / Qts	74 Hz / 0.21
Net Weight	5.6 kg (12.35 lb)
Depth	100 mm (3.94 in)
Features*	SCC; VVC; IDC; TWP



8MDN51
8" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	70 - 4000 Hz
Xmax / Xvar	6.0 mm / 6.0 mm
Vas	16.0 dm ³ (0.6 ft ³)
Fs / Qts	70 Hz / 0.2
Net Weight	2.6 Kg (5.73 lb)
Depth	95 mm (3.74 in)
Features*	AVC; VVC; IDC; WP



8MBX51
8" ND MIDBASS

Magnet Material	Neodymium Ring
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	60 - 4000 Hz
Xmax / Xvar	6.0 mm / 8.00 mm
Vas	23.0 dm ³ (0.81 ft ³)
Fs / Qts	60 Hz / 0.29
Net Weight	1.8 kg (3.97 lb)
Depth	95 mm (3.66 in)
Features*	AVC; ADR; VVC; WPI



8NSM64
8" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	245 - 2000 Hz
Xmax / Xvar	2.0 mm / 1.7 mm
Vas	1.5 dm ³ (0.05 ft ³)
Fs / Qts	245 Hz / 0.34
Net Weight	4.55 kg (10.03 lb)
Depth	115 mm (4.53 in)
Features*	AVC; VVC; SBM; WP



8CL51
8" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	94.0 dB
Frequency Range	70 - 5000 Hz
Xmax / Xvar	6.5 mm / 6.0 mm
Vas	12.5 dm ³ (0.44 ft ³)
Fs / Qts	69 Hz / 0.41
Net Weight	1.25 kg (2.76 lb)
Depth	96 mm (3.78 in)
Features*	SC; WP



8NW51
8" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	400 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	70 - 3000 Hz
Xmax / Xvar	6.0 mm / 6.0 mm
Vas	11.0 dm ³ (0.4 ft ³)
Fs / Qts	74 Hz / 0.17
Net Weight	3.05 Kg (6.72 lb)
Depth	100 mm (4.0 in)
Features*	SCC; VVC; IDC; TWP



8NDL64
8" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	80 - 4000 Hz
Xmax / Xvar	4.5 mm / 5.0 mm
Vas	9.6 dm ³ (0.34 ft ³)
Fs / Qts	80 Hz / 0.25
Net Weight	2.6 kg (5.73 lb)
Depth	95 mm (3.74 in)
Features*	SCC; VVC; IDC; WP



8BG51
8" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	51 mm (2.0 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	92.0 dB
Frequency Range	50 - 4000 Hz
Xmax / Xvar	6.5 mm / 8.0 mm
Vas	18.0 dm ³ (0.63 ft ³)
Fs / Qts	52 Hz / 0.4
Net Weight	1.85 kg (4.08 lb)
Depth	90 mm (3.5 in)
Features*	RS; SCC; VVC; WP



8FG64
8" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	600 W
Sensitivity (1W/1m)	92.0 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	7.0 mm / 8.0 mm
Vas	15.0 dm ³ (0.53 ft ³)
Fs / Qts	51 Hz / 0.31
Net Weight	4.0 kg (8.82 lb)
Depth	100 mm (3.94 in)
Features*	ADR; VVC; RSS; IDC; WP



10MD26
10" FE MIDBASS

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	80 - 4000 Hz
Xmax / Xvar	1.5 mm / 4.5 mm
Vas	20.0 dm ³ (0.71 ft ³)
Fs / Qts	76 Hz / 0.21
Net Weight	7.25 kg (15.98 lb)
Depth	124 mm (4.9 in)
Features*	AVC



10FW64
10" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	65 - 3000 Hz
Xmax / Xvar	5.0 mm / 5.5 mm
Vas	27.0 dm ³ (0.95 ft ³)
Fs / Qts	63 Hz / 0.23
Net Weight	5.4 kg (11.9 lb)
Depth	116 mm (4.6 in)
Features*	WP



10PLB76
10" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	50 - 2500 Hz
Xmax / Xvar	6.0 mm / 7.0 mm
Vas	31.0 dm ³ (1.09 ft ³)
Fs / Qts	52 Hz / 0.19
Net Weight	7.4 kg (16.31 lb)
Depth	124 mm (4.88 in)
Features*	ADR; AVC



10MBX64
10" ND MIDBASS

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	65 - 6000 Hz
Xmax / Xvar	4.0 mm / 5.5 mm
Vas	28.0 dm ³ (0.99 ft ³)
Fs / Qts	65 Hz / 0.26
Net Weight	3.25 kg (7.17 lb)
Depth	125 mm (4.92 in)
Features*	VVC; ADR; AVC; WPI



10NSM76
10" ND MIDRANGE

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	100 dB
Frequency Range	235 - 3500 Hz
Xmax / Xvar	3.5 mm / 3.5 mm
Vas	2 dm ³ (0.07 ft ³)
Fs / Qts	235 Hz / 0.52
Net Weight	4.55 kg (10.03 lb)
Depth	130 mm (5.12 in)
Features*	SBM; WP



10CL64
10" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	96 dB
Frequency Range	65 - 4000 Hz
Xmax / Xvar	5.0 mm / 5.0 mm
Vas	18.5 dm ³ (0.65 ft ³)
Fs / Qts	63 Hz / 0.31
Net Weight	2.0 kg (4.41 lb)
Depth	112 mm (4.41 in)
Features*	SC; WP



10CLA64
10" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	75 - 4000 Hz
Xmax / Xvar	5.0 mm / 5.0 mm
Vas	18.5 dm ³ (0.65 ft ³)
Fs / Qts	74 Hz / 0.42
Net Weight	1.85 kg (4.08 lb)
Depth	111 mm (4.39 in)
Features*	SC; VVC; WP; AVC



10NDL64
10" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	500 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	6.0 mm / 7.0 mm
Vas	31 dm ³ (1.1 ft ³)
Fs / Qts	56 Hz / 0.26
Net Weight	2.9 kg (6.4 lb)
Depth	113 mm (4.4 in)
Features*	VVC; TWP



10NW64
10" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	64 mm (2.5 in)
Continuous Program Power	600 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	60 - 2500 Hz
Xmax / Xvar	6.0 mm / 5.5 mm
Vas	22 dm ³ (0.78 ft ³)
Fs / Qts	59 Hz / 0.26
Net Weight	2.9 kg (6.4 lb)
Depth	113 mm (4.4 in)
Features*	SCC; VVC; TWP



10CLA76
10" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	70 - 2500 Hz
Xmax / Xvar	6.5 mm / 7.0 mm
Vas	16.4 dm ³ (0.58 ft ³)
Fs / Qts	71 Hz / 0.29
Net Weight	3.15 kg (6.94 lb)
Depth	122 mm (4.8 in)
Features*	VVC, TWP



10NW76
10" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	65 - 3500 Hz
Xmax / Xvar	6.8 mm / 7.0 mm
Vas	17.6 dm ³ (0.62 ft ³)
Fs / Qts	67 Hz / 0.26
Net Weight	3.8 kg (8.38 lb)
Depth	119 mm (4.69 in)
Features*	ADR; VVC; WP



10BG76
10" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	91.5 dB
Frequency Range	49 - 800 Hz
Xmax / Xvar	9.6 mm / 12.0 mm
Vas	16.7 dm ³ (0.59 ft ³)
Fs / Qts	49 Hz / 0.22
Net Weight	4.8 kg (10.58 lb)
Depth	131 mm (5.16 in)
Features*	RS; DSS; VVC; ADR; TWP



10NDL88
10" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	96 dB
Frequency Range	61 - 2500 Hz
Xmax / Xvar	8.1 mm / 7.5 mm
Vas	18.4 dm ³ (0.65 ft ³)
Fs / Qts	61 Hz / 0.25
Net Weight	4.6 kg (10.14 lb)
Depth	128 mm (5.04 in)
Features*	ADR; DSS; VVC; TRS; WP



12MH32
12" FE MIDBASS

Ferrite	76 mm (3.0 in)
800 W	
101.0 dB	
50 - 3000 Hz	
5.0 mm / 7.0 mm	
63.0 dm ³ (2.2 ft ³)	
53 Hz / 0.19	
7.5 kg (16.53 lb)	
133 mm (5.24 in)	
ADR	



12FW64
12" FE WOOFER

Ferrite	64 mm (2.5 in)
500 W	
98.0 dB	
55 - 3000 Hz	
5.0 mm / 5.0 mm	
64.0 dm ³ (2.26 ft ³)	
55 Hz / 0.29	
5.65 kg (12.46 lb)	
136 mm (5.35 in)	
AVC; VVC; WP	



12PLB76
12" FE WOOFER

Ferrite	76 mm (3.0 in)
700 W	
99.0 dB	
50 - 2000 Hz	
5.0 mm / 7.0 mm	
75.0 dm ³ (2.6 ft ³)	
50 Hz / 0.23	
6.55 kg (14.44 lb)	
136 mm (5.35 in)	
AVC	



12FW76
12" FE WOOFER

Ferrite	76 mm (3.0 in)
1000 W	
100.0 dB	
55 - 3000 Hz	
7.0 mm / 10.0 mm	
45.0 dm ³ (1.6 ft ³)	
54 Hz / 0.18	
8.55 kg (18.85 lb)	
147 mm (5.79 in)	
ADR; WP	



12FW88
12" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	97 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	8.0 mm / 8.6 mm
Vas	45.7 dm ³ (1.61 ft ³)
Fs / Qts	53 Hz / 0.33
Net Weight	8.25 kg (18.19 lb)
Depth	145 mm (5.71 in)
Features*	DSS; VVC; ADR; WP



12PLB100
12" FE WOOFER

Ferrite	100 mm (4.0 in)
1200 W	
97.0 dB	
50 - 2500 Hz	
9.0 mm / 7.0 mm	
47.0 dm ³ (1.66 ft ³)	
50 Hz / 0.37	
8.4 kg (18.52 lb)	
122 mm (4.8 in)	
ADR; AVC; VVC; WP	



12PS100
12" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
1400 W	
93.0 dB	
45 - 1000 Hz	
8.0 mm / 8.0 mm	
47.0 dm ³ (1.66 ft ³)	
44 Hz / 0.27	
8.8 kg (19.4 lb)	
118 mm (4.6 in)	
DSS; TWP	



12TBX100
12" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
2000 W	
95.0 dB	
45 - 1000 Hz	
9.0 mm / 11.0 mm	
37.5 dm ³ (1.33 ft ³)	
42 Hz / 0.26	
11.8 kg (26.0 lb)	
135 mm (5.3 in)	
ADR; DSS; VVC; TWP	



12CLA76
12" ND WOOFER

Neodymium Slug	76 mm (3.0 in)
700 W	
98.5 dB	
50 - 3000 Hz	
5.3 mm / 6.5 mm	
56.0 dm ³ (1.98 ft ³)	
52 Hz / 0.25	
3.3 kg (7.28 lb)	
143 mm (5.63 in)	
SC; VVC; ADR; WP; AVC	



12NDL76
12" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	50 - 2000 Hz
Xmax / Xvar	7.0 mm / 6.5 mm
Vas	73.0 dm ³ (2.5 ft ³)
Fs / Qts	50 Hz / 0.2
Net Weight	3.9 kg (8.6 lb)
Depth	141 mm (5.5 in)
Features*	AVC; VCC



12NDL88
12" ND WOOFER

Neodymium Slug	88 mm (3.5 in)
1400 W	
98.0 dB	
50 - 3000 Hz	
8.0 mm / 9.5 mm	
52.0 dm ³ (1.84 ft ³)	
51 Hz / 0.27	
4.95 kg (10.91 lb)	
140 mm (5.51 in)	
ADR; AVC; DSS; VVC; WP	



12NW76
12" ND WOOFER

Neodymium Ring	76 mm (3.0 in)
1000 W	
98.5 dB	
40 - 2000 Hz	
8.0 mm / 10.0 mm	
76.0 dm ³ (2.7 ft ³)	
40 Hz / 0.16	
4.9 kg (10.8 lb)	
147 mm (5.8 in)	
ADR; VVC; TWP	



12FG100
12" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
2000 W	
91 dB	
34 - 1000 Hz	
10.3 mm / 14.0 mm	
49.0 dm ³ (1.73 ft ³)	
34 Hz / 0.36	
12.55 kg (27.67 lb)	
150 mm (5.91 in)	
RSS, DSS, VVC, ADR, TWP	



12NBX100
12" ND SUBWOOFER

Neodymium Slug	100 mm (4.0 in)
2000 W	
96.0 dB	
40 - 1500 Hz	
10.0 mm / 10.0 mm	
51.0 dm ³ (1.8 ft ³)	
41 Hz / 0.22	
8.25 kg (18.19 lb)	
143 mm (5.63 in)	
VVC; DSS; ADR; TWP	

12FG100

12" FE SUBWOOFER

As a cost-effective alternative to our successful neodymium BG series, these value-oriented subwoofers feature a 100mm (4.0in) copper voice coil and long throw rubber surround. The 1000w ferrite magnet motor incorporates a vented voice coil gap, aluminium demodulating ring for lower distortion and double layer, silicone laminated spiders for optimized compliance.





12BG76
12" ND SUBWOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	92.0 dB
Frequency Range	45 - 1000 Hz
Xmax / Xvar	9.5 mm / 14.0 mm
Vas	32.0 dm ³ (1.13 ft ³)
Fs / Qts	44 Hz / 0.41
Net Weight	5.3 kg (11.68 lb)
Depth	159 mm (6.26 in)
Features*	RSS; ADR; DSS; VVC; TWP



12BG100
12" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	93.0 dB
Frequency Range	40 - 1000 Hz
Xmax / Xvar	10.5 mm / 14.0 mm
Vas	41.0 dm ³ (1.45 ft ³)
Fs / Qts	39 Hz / 0.33
Net Weight	8.8 kg (19.4 lb)
Depth	137 mm (5.4 in)
Features*	RSS; DSS; VVC; ADR; TWP



14NDL76
14" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	40 - 3000 Hz
Xmax / Xvar	8.0 mm / 9.5 mm
Vas	123.0 dm ³ (4.34 ft ³)
Fs / Qts	41 Hz / 0.3
Net Weight	4.35 kg (9.59 lb)
Depth	161 mm (6.34 in)
Features*	ADR; VVC; WP



14NDL88
14" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	45 - 3000 Hz
Xmax / Xvar	8.0 mm / 9.5 mm
Vas	102.0 dm ³ (3.6 ft ³)
Fs / Qts	45 Hz / 0.3
Net Weight	5.3 kg (11.68 lb)
Depth	167 mm (6.57 in)
Features*	ADR; DSS; VVC; AVC; WP



14NA100
14" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	1600 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	45 - 2000 Hz
Xmax / Xvar	8.8 mm / 8.5 mm
Vas	99.5 dm ³ (3.51 ft ³)
Fs / Qts	43 Hz / 0.23
Net Weight	8.3 kg (18.3 lb)
Depth	176 mm (6.93 in)
Features*	DSS; VVC; ADR; WP; AVC



15PLB76
15" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	40 - 2000 Hz
Xmax / Xvar	5.0 mm / 8.0 mm
Vas	164.0 dm ³ (5.8 ft ³)
Fs / Qts	42 Hz / 0.25
Net Weight	8.6 kg (18.96 lb)
Depth	169 mm (6.65 in)
Features*	TWP



15FW76
15" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	100.0 dB
Frequency Range	40 - 2000 Hz
Xmax / Xvar	7.0 mm / 8.0 mm
Vas	138.0 dm ³ (4.9 ft ³)
Fs / Qts	40 Hz / 0.21
Net Weight	9.3 kg (20.5 lb)
Depth	177 mm (6.97 in)
Features*	ADR; DSS; VVC; WP



15FW88
15" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	98 dB
Frequency Range	49 - 3000 Hz
Xmax / Xvar	8.0 mm / 9.5 mm
Vas	103.7 dm ³ (3.66 ft ³)
Fs / Qts	35 Hz / 0.43
Net Weight	9.0 kg (19.84 lb)
Depth	174 mm (6.85 in)
Features*	DSS; VVC; ADR; WP



15TBX100
15" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	35 - 1500 Hz
Xmax / Xvar	9.0 mm / 11.0 mm
Vas	113.0 dm ³ (3.8 ft ³)
Fs / Qts	35 Hz / 0.28
Net Weight	12.4 kg (27.34 lb)
Depth	181 mm (7.1 in)
Features*	ADR; DSS; VVC; TWP



15TBW100
15" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	40 - 1500 Hz
Xmax / Xvar	12 mm / 13.5 mm
Vas	96.0 dm ³ (3.39 ft ³)
Fs / Qts	39 Hz / 0.31
Net Weight	12.2kg (26.9 lb)
Depth	191 mm (7.52 in)
Features*	ADR; DSS; VVC; TWP



15CLA76
15" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	40 - 3000 Hz
Xmax / Xvar	5.5 mm / 7.5 mm
Vas	176.0 dm ³ (6.22 ft ³)
Fs / Qts	40 Hz / 0.3
Net Weight	3.8 kg (8.38 lb)
Depth	171 mm (6.73 in)
Features*	SC; VVC; ADR; WP; AVC



15NDL76
15" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	99.5 dB
Frequency Range	40 - 2000 Hz
Xmax / Xvar	7.0 mm / 9.0 mm
Vas	195.0 dm ³ (6.8 ft ³)
Fs / Qts	37 Hz / 0.22
Net Weight	4.7 kg (10.36 lb)
Depth	171 mm (6.7 in)
Features*	VCC; TWP



15NW76
15" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1200 W
Sensitivity (1W/1m)	100.5 dB
Frequency Range	40 - 2000 Hz
Xmax / Xvar	8.0 mm / 10.0 mm
Vas	130.0 dm ³ (4.5 ft ³)
Fs / Qts	42 Hz / 0.22
Net Weight	5.6 kg (12.3 lb)
Depth	177 mm (7.0 in)
Features*	ADR; DSS; VVC; TWP



15NDL88
15" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	45 - 3000 Hz
Xmax / Xvar	8.0 mm / 10.0 mm
Vas	126.0 dm ³ (4.45 ft ³)
Fs / Qts	45 Hz / 0.34
Net Weight	5.7 kg (12.57 lb)
Depth	177 mm (6.97 in)
Features*	ADR; DSS; VVC; AVC; WP



15NA100
15" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	1600 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	45 - 2000 Hz
Xmax / Xvar	10.0 mm / 9.0 mm
Vas	88.0 dm ³ (3.1 ft ³)
Fs / Qts	47 Hz / 0.28
Net Weight	8.6 kg (18.96 lb)
Depth	180 mm (7.09 in)
Features*	CFRC; DSS; VVC; WP; AVC



15NBX100
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	35 - 1500 Hz
Xmax / Xvar	10.0 mm / 10.0 mm
Vas	125.0 dm ³ (4.4 ft ³)
Fs / Qts	36 Hz / 0.29
Net Weight	9.55 kg (21.05 lb)
Depth	179 mm (7.05 in)
Features*	DSS; VVC; ADR; TWP



15BG76
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	93.4 dB
Frequency Range	44 - 1000 Hz
Xmax / Xvar	9.6 mm / 12.5 mm
Vas	68.4 dm ³ (2.42 ft ³)
Fs / Qts	44 Hz / 0.56
Net Weight	5.95 kg (13.12 lb)
Depth	190 mm (7.48 in)
Features*	DSS, RSS, VVC, ADR, TWP



15SW100
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	95.0 dB
Frequency Range	40 - 1500 Hz
Xmax / Xvar	12.5 mm / 13 mm
Vas	110.0 dm ³ (3.9 ft ³)
Fs / Qts	37 Hz / 0.31
Net Weight	9.6 kg (21.16 lb)
Depth	190 mm (7.5 in)
Features*	DSS; VVC; ADR; TWP



15DS100
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	96.8 dB
Frequency Range	39 - 1000 Hz
Xmax / Xvar	14.5 mm / 14 mm
Vas	76 dm ³ (2.68 ft ³)
Fs / Qts	39 Hz / 0.26
Net Weight	9.55 kg (21.05 lb)
Depth	190 mm (7.5 in)
Features*	DSS; 4LAC; VVC; ADR; TWP



15SW115
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3400 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	35 - 1500 Hz
Xmax / Xvar	13.5 mm / 13 mm
Vas	110.0 dm ³ (3.9 ft ³)
Fs / Qts	35 Hz / 0.24
Net Weight	11.1 kg (24.47 lb)
Depth	193 mm (7.6 in)
Features*	ADR; DSS; VVC; TWP



15DS115
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3200 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	16.5 mm / 14.0 mm
Vas	94.0 dm ³ (3.32 ft ³)
Fs / Qts	33 Hz / 0.17
Net Weight	11.7 kg (25.79 lb)
Depth	199 mm (7.83 in)
Features*	DSS; 4LAC; VVC; ADR; TWP



15BG100
15" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	94.5 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	10.5 mm / 14.0 mm
Vas	83.0 dm ³ (2.93 ft ³)
Fs / Qts	36 Hz / 0.44
Net Weight	8.8 kg (19.4 lb)
Depth	189 mm (7.44 in)
Features*	RSS; DSS; VVC; ADR; TWP



18PS100
18" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	95.5 dB
Frequency Range	30 - 1000 Hz
Xmax / Xvar	8.0 mm / 8.0 mm
Vas	245.0 dm ³ (8.6 ft ³)
Fs / Qts	30 Hz / 0.39
Net Weight	10.2 kg (22.49 lb)
Depth	197 mm (7.75 in)
Features*	DSS; TWP



18PZW100
18" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	97.6 dB
Frequency Range	37 - 2000 Hz
Xmax / Xvar	8.0 mm / 10.5 mm
Vas	186.0 dm ³ (6.57 ft ³)
Fs / Qts	37 Hz / 0.36
Net Weight	12.25 kg (27.01 lb)
Depth	202 mm (7.95 in)
Features*	DSS, TWP



18TBX100
18" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2400 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	9.0 mm / 11.0 mm
Vas	212.0 dm ³ (7.5 ft ³)
Fs / Qts	34 Hz / 0.35
Net Weight	12.7 kg (28.0 lb)
Depth	209 mm (8.2 in)
Features*	ADR; DSS; VVC; TWP



18TBW100
18" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	12 mm / 14 mm
Vas	175.0 dm ³ (6.18 ft ³)
Fs / Qts	35 Hz / 0.39
Net Weight	15.4 kg (33.95 lb)
Depth	241 mm (9.5 in)
Features*	ADR; DSS; VVC; TWP



18NBX100
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2400 W
Sensitivity (1W/1m)	96.5 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	10 mm / 12 mm
Vas	198.0 dm ³ (7.0 ft ³)
Fs / Qts	35 Hz / 0.38
Net Weight	9.05 kg (19.95 lb)
Depth	208 mm (8.19 in)
Features*	ADR; DSS; VVC; TWP



18SW100
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	35 - 1000 Hz
Xmax / Xvar	12.5 mm / 16.0 mm
Vas	180.0 dm ³ (6.3 ft ³)
Fs / Qts	35 Hz / 0.38
Net Weight	10.5 kg (23.15 lb)
Depth	239 mm (9.41 in)
Features*	DSS; VVC; ADR; TWP



18SW115
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3400 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	35 - 1500 Hz
Xmax / Xvar	14 mm / 16.0 mm
Vas	187.0 dm ³ (6.5 ft ³)
Fs / Qts	32 Hz / 0.3
Net Weight	11.9 kg (26.2 lb)
Depth	242 mm (9.5 in)
Features*	ADR; DSS; VVC; TWP



18DS100
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4 in)
Continuous Program Power	3000 W
Sensitivity (1W/1m)	97.5 dB
Frequency Range	34 - 1000 Hz
Xmax / Xvar	14.5 mm / 14 mm
Vas	155 dm ³ (5.47 ft ³)
Fs / Qts	34 Hz / 0.29
Net Weight	10.5 kg (23.15 lb)
Depth	239 mm (9.41 in)
Features*	DSS; 4LAC; VVC; ADR; TWP



18DS115
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3400 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	30 - 500 Hz
Xmax / Xvar	16.5 mm / 14.0 mm
Vas	168.0 dm ³ (5.93 ft ³)
Fs / Qts	30 Hz / 0.2
Net Weight	12.55 kg (27.67 lb)
Depth	248 mm (9.76 in)
Features*	DSS; 4LAC; VVC; ADR; TWP; AVC



18IPAL
18" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3400 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	32 - 1000 Hz
Xmax / Xvar	20 mm / 15 mm
Vas	164.0 dm ³ (5.8 ft ³)
Fs / Qts	32 Hz / 0.14
Net Weight	15.35 kg (33.84 lb)
Depth	261 mm (10.28 in)
Features*	DSS; VVC; ADR; AVC; TWP



21DS115
21" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	116 mm (4.5 in)
Continuous Program Power	3400 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	30 - 1000 Hz
Xmax / Xvar	15 mm / 16.5 mm
Vas	269.0 dm ³ (9.5 ft ³)
Fs / Qts	30 Hz / 0.23
Net Weight	14.7 kg (32.41 lb)
Depth	255 mm (10.04 in)
Features*	DSS; VVC; ADR; 4LAC; TWP



21SW152
21" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	153 mm (6.0 in)
Continuous Program Power	4000 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	30 - 1000 Hz
Xmax / Xvar	15 mm / 16 mm
Vas	200.0 dm ³ (7.0 ft ³)
Fs / Qts	32 Hz / 0.36
Net Weight	18.5 kg (40.7 lb)
Depth	261 mm (10.3 in)
Features*	ADR; DSS; VVC; TWP



21IPAL
21" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	153 mm (6.0 in)
Continuous Program Power	5000 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	37 - 1000 Hz
Xmax / Xvar	22 mm / 15 mm
Vas	155.0 dm ³ (5.47 ft ³)
Fs / Qts	37 Hz / 0.21
Net Weight	23.0 kg (50.71 lb)
Depth	269 mm (10.59 in)
Features*	DSS; VVC; AVC; TWP

18DS115

SUBWOOFER 18

This next evolution subwoofer uses a longer, four-layer aluminum voice coil. More energy in the gap, less heat, higher sensitivity, higher power handling, lower distortion, and better overall performance. The new industry standard.



DH450

ND HF DRIVER

These new, compact HF drivers use an HLX™ phase plug (US and EP Patents Pending) which has a central channel that is twisted, like DNA, to gain the length required to match the outer channels. Key benefits include minimized diameter, weight, and cost; low ~1kHz Crossover point; reduced distortion and more.

Small heat sink required for full power application.



DE35
ND TWEETER

Throat Diameter	-
Magnet Material	Neodymium Slug
Continuous Program Power	50 W
Sensitivity	108.0 dB
Voice Coil Diameter	32 mm (1.25 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	3500 - 18000 Hz
Recomm. Crossover Frequency	5.0 kHz
Net Weight	0.55 kg (1.21 lb)
Overall Diameter	100 mm (4.0 in)
Features	-



DE7
ND HF DRIVER

Throat Diameter	19 mm (0.75 in)
Magnet Material	Neodymium Ring
Continuous Program Power	20 W
Sensitivity	109.0 dB
Voice Coil Diameter	25 mm (1.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	2000 - 18000 Hz
Recomm. Crossover Frequency	2.5 kHz
Net Weight	0.17 kg (0.37 lb)
Overall Diameter	62 mm (2.44 in)
Features	AVC Also available DE5 (0.5" exit)



DE10
FE HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Ferrite
Continuous Program Power	40 W
Sensitivity	107.0 dB
Voice Coil Diameter	25 mm (1.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	1500 - 18000 Hz
Recomm. Crossover Frequency	2.5 kHz
Net Weight	0.8 kg (1.8 lb)
Overall Diameter	90 mm (3.5 in)
Features	AVC



DE111
ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Ring
Continuous Program Power	50 W
Sensitivity	107.0 dB
Voice Coil Diameter	36 mm (1.4 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1000 - 17000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	0.32 kg (0.71 lb)
Overall Diameter	60 mm (2.36 in)
Features	AVC



DE14TN
FE HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Ferrite
Continuous Program Power	60 W
Sensitivity	105.0 dB
Voice Coil Diameter	36 mm (1.4 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	1500 - 18000 Hz
Recomm. Crossover Frequency	2.2 kHz
Net Weight	1.0 kg (2.2 lb)
Overall Diameter	90 mm (3.5 in)
Features	AVC Also available DE14 (Polyester Diaphragm)



DE36
FE HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Ferrite
Continuous Program Power	70 W
Sensitivity	107.5 dB
Voice Coil Diameter	38 mm (1.5 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1200 - 20000 Hz
Recomm. Crossover Frequency	1.8 kHz
Net Weight	1.1 kg (2.43 lb)
Overall Diameter	90 mm (3.54 in)
Features	AD; AVC



DE360
ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Ring
Continuous Program Power	70 W
Sensitivity	110.0 dB
Voice Coil Diameter	38 mm (1.5 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1200 - 20000 Hz
Recomm. Crossover Frequency	1.8 kHz
Net Weight	0.5 kg (1.1 lb)
Overall Diameter	71 mm (2.8 in)
Features	AD; AVC



DH350
ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Slug
Continuous Program Power	40 W
Sensitivity	108.0 dB
Voice Coil Diameter	36 mm (1.4 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1.0 - 17.0 kHz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	0.25 kg (0.56 lb)
Overall Diameter	48 mm (1.89 in)
Features	Ultra Compact; AVC



DE160
ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Ferrite
Continuous Program Power	80 W
Sensitivity	107.0 dB
Voice Coil Diameter	44 mm (1.7 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	1500 - 18000 Hz
Recomm. Crossover Frequency	2.0 kHz
Net Weight	1.7 kg (3.75 lb)
Overall Diameter	102 mm (4.0 in)
Features	AVC Also available DE180 (Polyimide Diaphragm)



DE250
FE HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Ferrite
Continuous Program Power	120 W
Sensitivity	108.5 dB
Voice Coil Diameter	44 mm (1.7 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polymide
Frequency Range	1000 - 18000 Hz
Recomm. Crossover Frequency	1.6 kHz
Net Weight	2.15 kg (4.74 lb)
Overall Diameter	120 mm (4.7 in)
Features	AVC Also available DE250TN (Titanium Diaphragm)

DE780TN

ND HF DRIVER

Smaller, lighter, lower cost, in a 112mm diameter package. The DE780TN offers excellent value in a 75mm (3.0in) diaphragm, 1.4" exit compression driver. The 220W power rating and 108dB sensitivity prime this for application in lighter, more compact line array loudspeakers, and much more.



DH450

ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Slug
Continuous Program Power	80 W
Sensitivity	109.0 dB
Voice Coil Diameter	44 mm (1.73 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1.0 - 18.0 kHz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	0.53 kg (1.16 lb)
Overall Diameter	69 mm (2.72 in)
Features	Ultra Compact; AVC

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Slug
Continuous Program Power	80 W
Sensitivity	109.0 dB
Voice Coil Diameter	44 mm (1.73 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	1.0 - 18.0 kHz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	0.53 kg (1.16 lb)
Overall Diameter	69 mm (2.72 in)
Features	Ultra Compact; AVC



DE400TN

ND HF DRIVER

Throat Diameter	-
Magnet Material	Neodymium Slug
Continuous Program Power	50 W
Sensitivity	108.0 dB
Voice Coil Diameter	44 mm (1.25 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	3500 - 18000 Hz
Recomm. Crossover Frequency	5.0 kHz
Net Weight	0.86 kg (1.88 lb)
Overall Diameter	100 mm (4.0 in)
Features	-

Also available DE400 (Polyimide Diaphragm)



DE550TN

ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Ring
Continuous Program Power	140 W
Sensitivity	108.0 dB
Voice Coil Diameter	51 mm (2.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	1000 - 17000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	1.17 kg (2.58 lb)
Overall Diameter	92 mm (3.62 in)
Features	AVC

Also available DE550 (HT Polymer Diaphragm)



DE680TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neodymium Ring
Continuous Program Power	160 W
Sensitivity	108.0 dB
Voice Coil Diameter	65 mm (2.5 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	1000 - 18000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	1.75 kg (3.85 lb)
Overall Diameter	115 mm (4.5 in)
Features	SCC, BECF; AVC



DE82TN

FE HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Ferrite
Continuous Program Power	220 W
Sensitivity	106.5 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	4.44 kg (9.79 lb)
Overall Diameter	170 mm (6.7 in)
Features	SCC; AVC

Also available DE85TN (2" exit)



DE90TN

FE HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Ferrite
Continuous Program Power	220 W
Sensitivity	107.5 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	4.4 kg (9.7 lb)
Overall Diameter	170 mm (6.7 in)
Features	SCC; AVC; BECF

Also available DE95TN (2" exit)



DE880TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity	108.0 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	2.15 kg (4.74 lb)
Overall Diameter	124 mm (4.9 in)
Features	SCC; AVC; BECF

Also available DE885TN (2" exit)



DE980TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity	108.5 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	2.3 kg (5.1 lb)
Overall Diameter	131 mm (5.2 in)
Features	SCC; BECF; AVC



DE991TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo In. Ring
Continuous Program Power	200 W
Sensitivity	108.0 dB
Voice Coil Diameter	86 mm (3.4 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	0.8 - 17.0 kHz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	2.0 kg (4.41 lb)
Overall Diameter	115 mm (4.53 in)
Features	SCC; IRM



DE1090TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo Inside Ring
Continuous Program Power	240 W
Sensitivity	108.0 dB
Voice Coil Diameter	100 mm (4.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 20000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	1.9 kg (4.19 lb)
Overall Diameter	127 mm (5.0 in)
Features	SCC; BECF; IRM; AVC

Also available DE1095TN (2" exit)



DE750TN

FE HF DRIVER

Throat Diameter	50 mm (2.0 in)
Magnet Material	Ferrite
Continuous Program Power	220 W
Sensitivity	107.5 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	6.1 kg (13.45 lb)
Overall Diameter	180 mm (7.1 in)
Features	SCC; AVC



DE780TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity	108.0 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.2 kHz
Net Weight	1.6 kg (3.53 lb)
Overall Diameter	112 mm (4.41 in)
Features	SCC; AVC



DE785TN

ND HF DRIVER

Throat Diameter	50 mm (2.0 in)
Magnet Material	Neo Ring
Continuous Program Power	220 W
Sensitivity	107.5 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	0.5 - 18.0 kHz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	1.75 kg (3.86 lb)
Overall Diameter	112 mm (4.41 in)
Features	SCC



DE1085TN

ND HF DRIVER

Throat Diameter	50 mm (2.0 in)
Magnet Material	Neodymium Ring
Continuous Program Power	280 W
Sensitivity	109.0 dB
Voice Coil Diameter	100 mm (4.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 20000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	3.7 kg (8.16 lb)
Overall Diameter	154 mm (6.1 in)
Features	SCC; BECF; AVC



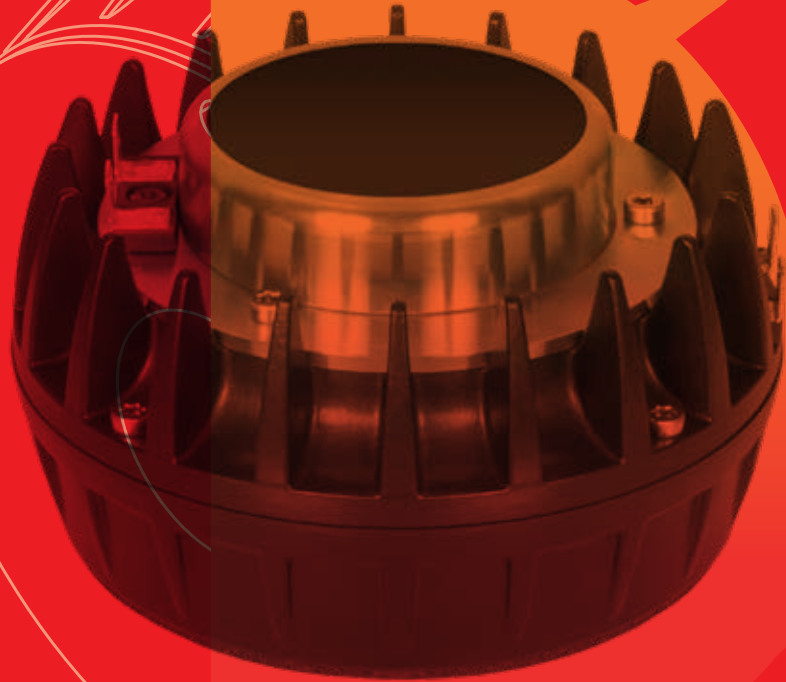
DCM414

ND MF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo Ring
Continuous Program Power	220 W
Sensitivity	112 dB
Voice Coil Diameter	100 mm (4.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	0.3 - 6.0 kHz
Recomm. Crossover Frequency	0.3 kHz
Net Weight	2.3 kg (5.07 lb)
Overall Diameter	152 mm (6.0 in)
Features	AD

DCX354

ND MF/HF COAX



This coaxial compression driver's two annular diaphragms combine seamlessly to cover 400Hz – 20kHz, with high sensitivity. Extended low-frequency bandwidth is thanks to a patent-pending diaphragm shape which progressively decouples the outer diameter as frequency rises. A redesigned, patented midrange integrator allows both diaphragms to work in harmony.

Time coherent coaxial ring radiator design



DCX354

ND MF/HF COAX

Throat Diameter	1.4" (MF/HF)
Magnet Material	Neodymium Ring
Continuous Program Power	180 W / 100 W
Sensitivity	111.1 / 112.8 dB
Voice Coil Diameter	76 mm / 51 mm
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	0.4-6 / 5-20 kHz
Recomm. Crossover Frequency	0.4 / 4.5 kHz
Net Weight	2.43 kg (5.35 lb)
Overall Diameter	130 mm (5.12 in)
Features	AD



DCX464

ND HF DRIVER

Throat Diameter	1.4" (MF/HF)
Magnet Material	Neodymium Ring
Continuous Program Power	220 W / 160 W
Sensitivity	111.1 / 111.4 dB
Voice Coil Diameter	100 mm / 65 mm
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	0.3-5.5 / 3.5-18 kHz
Recomm. Crossover Frequency	0.3 / 4.0 kHz
Net Weight	3.64 kg (8.02 lb)
Overall Diameter	152 mm (5.98 in)
Features	AD
<i>Also available DCX462 (2" exit)</i>	



WG148-354

LINE ARRAY SOURCE

Horizontal Dispersion	120° max
Magnet Material	Neodymium
Continuous Program Power	180 W
Sensitivity	110.1 Db
Voice Coil Diameter	51 mm HF - 76 mm (MF)
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	5-20 / 0.4-6 kHz
Recomm. Crossover Frequency	4.5 kHz HF - 0.4 kHz MF
Net Weight	3.28 kg (7.23 lb)
Overall Diameter	250.3x240x120.1 mm
Features	AD
<i>Line Array Waveguide with DCX354-8</i>	



WG148-464

LINE ARRAY SOURCE

Horizontal Dispersion	120° max
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity	109.1 Db
Voice Coil Diameter	65 mm HF - 100 mm MF
Voice Coil Material	Aluminium
Diaphragm Material	HT Polymer
Frequency Range	3.5 - 18 / 0.3-5.5 kHz
Recomm. Crossover Frequency	4.0 kHz HF - 0.3 kHz MF
Net Weight	4.48 kg (9.88 lb)
Overall Diameter	251.9x240x120.1 mm
Features	AD
<i>Line Array Waveguide with DCX464-8</i>	



WGX880TN

LINE ARRAY SOURCE

Horizontal Dispersion	120° Max
Magnet Material	Neo Inside Ring
Continuous Program Power	220 W
Sensitivity	108.0 dB
Voice Coil Diameter	100 mm (4.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	3.1 kg (6.83 lb)
Overall Diameter	163x130x235 mm
Features	BECE; IRM; AVC



WG1090TN

LINE ARRAY SOURCE

Horizontal Dispersion	120° Max
Magnet Material	Neo Inside Ring
Continuous Program Power	240 W
Sensitivity	108.0 dB
Voice Coil Diameter	100 mm (4.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	2.9 kg (6.39 lb)
Overall Diameter	163x130x234 mm
Features	BECE; IRM; AVC



WG400

LINE ARRAY SOURCE

Horizontal Dispersion	140° Max
Magnet Material	Neodymium Ring
Continuous Program Power	100 W
Sensitivity	108.5 dB
Voice Coil Diameter	44 mm (1.7 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyimide
Frequency Range	1200 - 18000 Hz
Recomm. Crossover Frequency	1.5 kHz
Net Weight	1.3 kg (2.9 lb)
Overall Diameter	111x87x155 mm
Features	AVC

12CXN88

ND TRIAXIAL

These single magnet coaxial transducers feature larger, 88mm (3.5") woofer voice coils for increased power handling. A significant increase in magnet mass also improves sensitivity and cone control, while integrating our latest high frequency compression driver technologies to improve sound quality and durability.



4CXN36

Dispersion angle	70°
LF/HF Contin. Program Power	200 W / 50 W
LF/HF Sensitivity	86.0 dB / 99.0 dB
Frequency Range	95 - 18000 Hz
Crossover Frequency	2.0 kHz
LF/HF Voice Coil Diameter	33 mm / 36 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	4.0 mm / 4.0 mm
Vas	1.9 dm ³ (0.07 ft ³)
LF Fs / Qts	94 Hz / 0.76
Net Weight	0.54 kg (1.19 lb)
Depth	84 mm (3.31 in)
Features* / Options	ADR; AVC; WP



5FCX44

Dispersion angle	70°
LF/HF Contin. Program Power	200W / 20 W
LF/HF Sensitivity	91.0 dB / 107.5 dB
Frequency Range	60 - 18000 Hz
Crossover Frequency	2.5 kHz
LF/HF Voice Coil Diameter	44 mm / 25 mm
LF/HF Magnet Material	Ferrite / Neo Ring
HF Diaphragm Material	Polyester
LF Xmax / Xvar	3.0 mm / 5.0 mm
Vas	7.0 dm ³ (0.25 ft ³)
LF Fs / Qts	61 Hz / 0.25
Net Weight	1.85 kg (4.1 lb)
Depth	110 mm (4.33 in)
Features* / Options	ADR; WP



5CXN36

Dispersion angle	70°
LF/HF Contin. Program Power	200 W / 50 W
LF/HF Sensitivity	89.0 dB / 101.0 dB
Frequency Range	94 - 18000 Hz
Crossover Frequency	2.0 kHz
LF/HF Voice Coil Diameter	34 mm / 36 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	4.1 mm / 5.5 mm
Vas	4.4 dm ³ (0.16 ft ³)
LF Fs / Qts	95 Hz / 0.9
Net Weight	0.62 kg (1.43 lb)
Depth	87 mm (3.43 in)
Features* / Options	ADR; WP / 5CXN44 (44mmvc)



6FHX51

Dispersion angle	70°
LF/HF Contin. Program Power	300W / 20W
LF/HF Sensitivity	93.0 dB / 108.5 dB
Frequency Range	85 - 18000 Hz
Crossover Frequency	2.5 kHz
LF/HF Voice Coil Diameter	51 mm / 25 mm
LF/HF Magnet Material	Ferrite / Neo Ring
HF Diaphragm Material	Polyester
LF Xmax / Xvar	5.0 mm / 5.7 mm
Vas	5.0 dm ³ (0.18 ft ³)
LF Fs / Qts	85 Hz / 0.37
Net Weight	2.6 kg (5.73 lb)
Depth	122 mm (4.8 in)
Features* / Options	WP



6CXN36

Dispersion angle	90°
LF/HF Contin. Program Power	200 W / 50 W
LF/HF Sensitivity	90 dB / 100 dB
Frequency Range	90 - 18000 Hz
Crossover Frequency	2.0 kHz
LF/HF Voice Coil Diameter	34 mm / 36 mm
LF/HF Magnet Material	Neo Ring
HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	4.1 mm / 6.0 mm
Vas	7.5 dm ³ (0.26 ft ³)
LF Fs / Qts	90 Hz / 0.95
Net Weight	0.7 kg (1.54 lb)
Depth	91 mm (3.58 in)
Features* / Options	ADR, WP



6HCX51

Dispersion angle	70°
LF/HF Contin. Program Power	300W / 50 W
LF/HF Sensitivity	92.0 dB / 105.0 dB
Frequency Range	90 - 18000 Hz
Crossover Frequency	2.2 kHz
LF/HF Voice Coil Diameter	51 mm / 36 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Polyester
LF Xmax / Xvar	5.0 mm / 5.5 mm
Vas	5.0 dm ³ (0.18 ft ³)
LF Fs / Qts	89 Hz / 0.38
Net Weight	1.6 kg (3.53 lb)
Depth	104 mm (4.1 in)
Features* / Options	ADR; TWP



8FCX51

Dispersion angle	100°
LF/HF Contin. Program Power	500W / 100W
LF/HF Sensitivity	96.0 dB / 104.0 dB
Frequency Range	69 - 18000 Hz
Crossover Frequency	1.8 kHz
LF/HF Voice Coil Diameter	51 mm / 44 mm
LF/HF Magnet Material	Ferrite
HF Diaphragm Material	Polymide
LF Xmax / Xvar	6.5 mm / 6.0 mm
Vas	16.0 dm ³ (0.56 ft ³)
LF Fs / Qts	69 Hz / 0.34
Net Weight	5.0 kg (11.02 lb)
Depth	118 mm (4.64 in)
Features* / Options	ADR; AVC; WP



8CXN51

Dispersion angle	100°
LF/HF Contin. Program Power	500W / 100 W
LF/HF Sensitivity	97.0 dB / 104.0 dB
Frequency Range	70 - 18000 Hz
Crossover Frequency	1.8 kHz
LF/HF Voice Coil Diameter	51 mm / 44 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Polymide
LF Xmax / Xvar	6.0 mm / 6.0 mm
Vas	17.0 dm ³ (0.6 ft ³)
LF Fs / Qts	68 Hz / 0.27
Net Weight	2.6 kg (5.73 lb)
Depth	111 mm (4.4 in)
Features* / Options	ADR; AVC; WP



10FCX64

Dispersion angle	70°
LF/HF Contin. Program Power	500 W / 160 W
LF/HF Sensitivity	95.0 dB / 104.0 dB
Frequency Range	65 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	64 mm / 65 mm
LF/HF Magnet Material	Ferrite
HF Diaphragm Material	Titanium
LF Xmax / Xvar	5.5 mm / 6.0 mm
Vas	25.0 dm ³ (0.89 ft ³)
LF Fs / Qts	63 Hz / 0.42
Net Weight	5.6 kg (12.35 lb)
Depth	140 mm (5.51 in)
Features* / Options	ADR; AVC; WP



10CLX64

Dispersion angle	70°
LF/HF Contin. Program Power	500 W / 140 W
LF/HF Sensitivity	94.0 dB / 105.0 dB
Frequency Range	70 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	64 mm / 51 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	5.3 mm / 5.5 mm
Vas	21.0 dm ³ (0.74 ft ³)
LF Fs / Qts	70 Hz / 0.63
Net Weight	3.1 kg (6.83 lb)
Depth	141 mm (5.55 in)
Features* / Options	ADR; AVC; WP



10CXN64

Dispersion angle	70°
LF/HF Contin. Program Power	500 W / 160 W
LF/HF Sensitivity	97.0 dB / 103.0 dB
Frequency Range	70 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	64 mm / 65 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Titanium
LF Xmax / Xvar	5.5 mm / 5.0 mm
Vas	23.0 dm ³ (0.81 ft ³)
LF Fs / Qts	68 Hz / 0.31
Net Weight	3.95 kg (8.71 lb)
Depth	142 mm (5.59 in)
Features* / Options	ADR, WP; AVC



12FHX76

Dispersion angle	60° x 40°
LF/HF Contin. Program Power	700 W / 160 W
LF/HF Sensitivity	98.0 dB / 106.0 dB
Frequency Range	45 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	76 mm / 75 mm
LF/HF Magnet Material	Ferrite
HF Diaphragm Material	Titanium
LF Xmax / Xvar	6.5 mm / 4.0 mm
Vas	88.0 dm ³ (3.1 ft ³)
LF Fs / Qts	48 Hz / 0.33
Net Weight	8.4 kg (18.52 lb)
Depth	169 mm (6.65 in)
Features* / Options	ADR; AVC; WP/ 12FCX76 w/o horn



12CLX64

Dispersion angle	60°
LF/HF Contin. Program Power	500 W / 140 W
LF/HF Sensitivity	96.2 dB / 106.0 dB
Frequency Range	54 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	64 mm / 51 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	5.3 mm / 5.5 mm
Vas	74.0 dm ³ (2.61 ft ³)
LF Fs / Qts	54 Hz / 0.57
Net Weight	3.2 kg (7.05 lb)
Depth	164 mm (6.46 in)
Features* / Options	ADR, WP



12CXN88

Dispersion angle	80°
LF/HF Contin. Program Power	1000 W / 160 W
LF/HF Sensitivity	100.0 dB / 106.0 dB
Frequency Range	50 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	88 mm / 75 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Titanium
LF Xmax / Xvar	8.0 mm / 10.5 mm
Vas	59.0 dm ³ (2.08 ft ³)
LF Fs / Qts	50 Hz / 0.22
Net Weight	6.85 kg (15.1 lb)
Depth	178 mm (7.01 in)
Features* / Options	ADR, DSS, WP; AVC



15FCX76

Dispersion angle	80°
LF/HF Contin. Program Power	800 W / 160 W
LF/HF Sensitivity	98.0 dB / 105.0 dB
Frequency Range	40 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	76 mm / 75 mm
LF/HF Magnet Material	Ferrite
HF Diaphragm Material	Titanium
LF Xmax / Xvar	6.5 mm / 7.5 mm
Vas	187.0 dm ³ (6.6 ft ³)
LF Fs / Qts	40 Hz / 0.44
Net Weight	9.0 kg (19.8 lb)
Depth	199 mm (7.83 in)
Features* / Options	ADR; WP / 15FHX76 w/horn



15HCX76

Dispersion angle	60° x 40°
LF/HF Contin. Program Power	800 W / 160 W
LF/HF Sensitivity	99.0 dB / 107.0 dB
Frequency Range	40 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	76 mm / 75 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Titanium
LF Xmax / Xvar	4.5 mm / 6.0 mm
Vas	246.0 dm ³ (8.6 ft ³)
LF Fs / Qts	38 Hz / 0.28
Net Weight	6.0 kg (13.23 lb)
Depth	200 mm (7.87 in)
Features* / Options	ADR; WP / Also available ND 14" & 15" CXN76 w/o horn



15CXN88

Dispersion angle	80°
LF/HF Contin. Program Power	1000 W / 160 W
LF/HF Sensitivity	100.0 dB / 106.0 dB
Frequency Range	45 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	88 mm / 75 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Titanium
LF Xmax / Xvar	8.5 mm / 9.5 mm
Vas	124.0 dm ³ (4.38 ft ³)
LF Fs / Qts	47 Hz / 0.3
Net Weight	7.65 kg (16.87 lb)
Depth	208 mm (8.19 in)
Features* / Options	ADR; DSS; WP; AVC

TRIAXIALS

Diameter / Dispersion angle	18" / 60°x40°
LF/MF/HF Continuous Program Power	1600 W / 220 W / 160 W
LF/ MF/ HF Sensitivity	100.0 / 110.0 / 110.0 dB
Frequency Range	44.0 - 18000.0 Hz
Crossover Frequency	4.0 kHz
LF/MF/HF Voice Coil Diameter	100 mm / 100 mm / 65 mm
LF/ MF/ HF Magnet Material	Neo Ring/Neo Ring/ Neo Slug
MF/HF Diaphragm Material	HT Polymer
LF Xmax / Xvar	10.0 mm / 13.0 mm
Vas	173.0 dm ³ (6.11 ft ³)
LF Fs / Qts	44.0 Hz / 0.32
Net Weight	12.05 kg (26.57 lb)
Depth	299.0 mm (11.77 in)
Features	AD, ADR, DSS



18HTX100

18HTX100
ND TRIAXIAL

The first Triaxial from B&C, featuring a high-output, wide band 18" subwoofer combined with a high efficiency coaxial compression driver. The result is a small format, full range point source... with massive output.



**FBCXN36**

CROSSOVER

Dedicated for	4CXN36, 5CN36, 6CXN36
Nominal impedance	8 Ω
Crossover frequency	1.0 kHz
Filter Type	Two Way
Low-Pass Slope	12.0 dB/oct
High-Pass Slope	6.0 dB/oct
Overall Dimension	100x76 mm (3.94x2.99 in)
Net Weight	0.55 kg (1.21 lb)

**FB10CX64**

CROSSOVER

Dedicated for	10CXN64, 10FCX64, CX10.64**
Nominal impedance	8 Ω
Crossover frequency	2.1 kHz
Filter Type	Two Way
Low-Pass Slope	18.0 dB/oct
High-Pass Slope	18.0 dB/oct
Overall Dimension	173x120 mm (6.81x4.72 in)
Net Weight	0.6 kg (1.32 lb)

**Suggested design

**FBCXN88**

CROSSOVER

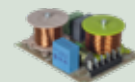
Dedicated for	12CXN88, 14CXN88, 15CXN88 and CX14**
Nominal impedance	8 Ω
Crossover frequency	1.6 kHz
Filter Type	Two Way
Low-Pass Slope	18.0 dB/oct
High-Pass Slope	12.0 dB/oct
Overall Dimension	173x120 mm (6.81x4.72 in)
Net Weight	0.65 kg (1.43 lb)

**Suggested design

**FB354 v2**

CROSSOVER

Dedicated for	DCX354
Nominal impedance	8 Ω or 16 Ω
Crossover frequency	5.6 kHz
Filter Type	Two Way
Low-Pass Slope	18.0 dB/oct
High-Pass Slope	12.0 dB/oct
Overall Dimension	105x137 mm (4.13x5.39 in)
Net Weight	0.52 Kg (1.15 lb)

**FB464 v2**

CROSSOVER

Dedicated for	DCX464
Nominal impedance	8 Ω or 16 Ω
Crossover frequency	3.6 kHz
Filter Type	Two Way
Low-Pass Slope	18.0 dB/oct
High-Pass Slope	12.0 dB/oct
Overall Dimension	105x137 mm (4.13x5.39 in)
Net Weight	0.73 kg (1.61 lb)

**ME7**

HORNS

Material	ABS
Throat Diameter	19 mm (0.75 in)
Coverage Angle (HV)	60° x 40°
Dimensions (HWD)	102.7x102.7 mm (4x4 in)
Cutoff Frequency	2.0 kHz
Net Weight	0.11 kg (0.25 lb)

**ME10 v2**

HORNS

Material	ABS
Throat Diameter	25 mm (1.0 in)
Coverage Angle (HV)	90° x 60°
Dimensions (HWD)	104x104 mm (4.1x4.1 in)
Cutoff Frequency	1.5 kHz
Net Weight	0.17 kg (0.37 lb)

**ME20**

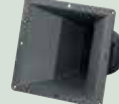
HORNS

Material	Cast Aluminium
Throat Diameter	25 mm (1.0 in)
Coverage Angle (HV)	90° x 60°
Dimensions (HWD)	118x113 mm (4.6x4.4 in)
Cutoff Frequency	1.5 kHz
Net Weight	0.37 kg (0.81 lb)

**ME45**

HORNS

Material	Cast Aluminium
Throat Diameter	25 mm (1.0 in)
Coverage Angle (HV)	90° x 40°
Dimensions (HWD)	260x110 mm (10.2x4.3 in)
Cutoff Frequency	1.0 kHz
Net Weight	0.86 kg (1.9 lb)

**ME60**

HORNS

Material	Cast Aluminium
Throat Diameter	50 mm (2.0 in)
Coverage Angle (HV)	60° x 40°
Dimensions (HWD)	232x207 mm (9.1x8.1 in)
Cutoff Frequency	0.8 kHz
Net Weight	1.69 kg (3.73 lb)

**ME90**

HORNS

Material	Cast Aluminium
Throat Diameter	25 mm (1.0 in)
Coverage Angle (HV)	90° x 60°
Dimensions (HWD)	225x225 mm (8.86x8.86 in)
Cutoff Frequency	1.5 kHz
Net Weight	1.45 kg (1.0 lb)

**ME464**

HORNS

Material	Polyurethane
Throat Diameter	36 mm (1.4 in)
Coverage Angle (HV)	80° x 60°
Dimensions (HWD)	538x470 mm (21.18x18.50 in)
Cutoff Frequency	0.3 kHz
Net Weight	4.75 kg (10.47 lb)

**ME102**

HORNS

Material	Cast Aluminium
Throat Diameter	25 mm (1.0 in)
Coverage Angle (HV)	140°
Dimensions (HWD)	102.4x25.4 mm (4.03x1.00 in)
Cutoff Frequency	1.0 kHz
Net Weight	0.43 kg (0.95 lb)

**ME242**

HORNS

Material	Cast Aluminium
Throat Diameter	36 mm (1.4 in)
Coverage Angle (HV)	120°
Dimensions (HWD)	153x25.4 mm (6.00x1.00 in)
Cutoff Frequency	0.8 kHz
Net Weight	0.94 kg (2.8 lb)

**ME148**

HORNS

Material	Polycarbonate
Throat Diameter	36 mm (1.4 in)
Coverage Angle (HV)	120° max horizontal
Dimensions (HWD)	224x25.4 mm (8.82x1 in)
Cutoff Frequency	0.5 kHz
Net Weight	0.75 kg (1.65 lb)

***KEY FEATURE LEGEND**

AD	Annular Diaphragm
ADR	Aluminium Demodulation Ring – Reduced distortion
APP	Aluminium Phase Plug
AVC	Aluminium Voice Coil
BECF	Bent Edge Coil Former
CFRC	Carb Fibre Reinforced Cone – Stronger cone without added weight

DHL	Suitable for Direct Radiation or Horn Loading
DSS	Double Silicon Spider – Optimizes compliance
IDC	Inverted Dust Cap
IRM	Compact Inside Ring Neo Magnet
RSS	Rubber Speaker Surround
SBM	Sealed Back Midrange
SC	Steel Chassis - Lower Cost, lighter weight
SCC	Shorting Copper cap – Extended HF response

TWP	Waterproof Cone – Both Sides
VVC	Ventilated Voicecoil Gap – Reduced power compression
WP	Waterproof cone – Front
WPI	Waterproof Impregnated Cone
4LAC	Four Layer Aluminium Coil



Founded in 1946, B&C Speakers is one of largest and most prestigious professional loudspeaker transducer manufacturers in the world. In addition to designing and distributing components under the B&C brand name, we also supply OEM components to most of the top professional audio brands in the market today. B&C Speakers designs, produces and trades all of its products directly from its head office, located near Florence, Italy.

B&C Speakers SpA
Bagno a Ripoli (FI),
Italia
t. +39 055 65721
mail@bcspeakers.com

B&C Speakers NA
(USA)
LLC Pompton Plains, NJ
t. +1 973 248 0955
info.usa@bcspeakers.com

B&C Speakers (Dongguan)
Electron i e Co., Ud.
Building 1, No.55 Zhanfeng
Road Zhongtang Town
523225 Dongguan, China

B&C Speakers Brazil
Porto Alegre, RS
t. +55 51 3103 1539
m. +55 51 98464 4573
info.br@bcspeakers.com