

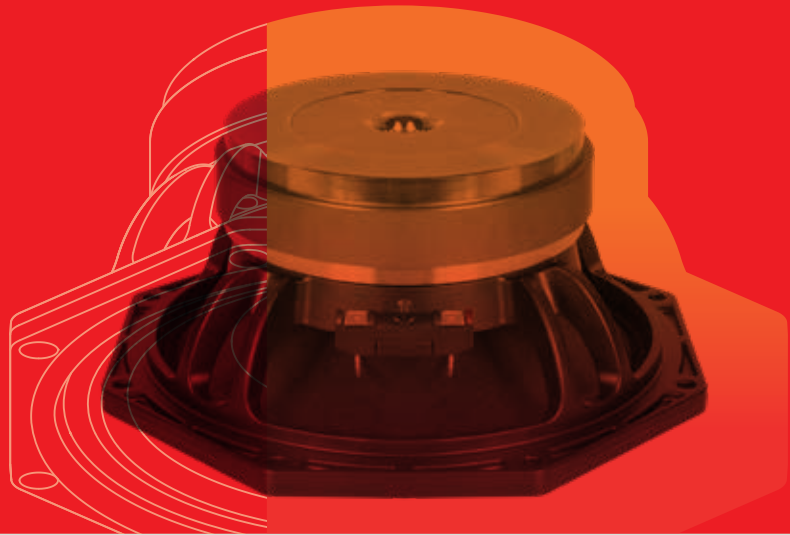


**B&C SPEAKERS  
PRO-  
DUCTS  
2024**

# 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 <sup>3</sup> (0.06 ft <sup>3</sup> )
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 <sup>3</sup> (0.09 ft <sup>3</sup> )
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 <sup>3</sup> (0.22 ft <sup>3</sup> )
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 <sup>3</sup> (0.02 ft <sup>3</sup> )
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 <sup>3</sup> (0.01 ft <sup>3</sup> )
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 <sup>3</sup> (0.1 ft <sup>3</sup> )
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 <sup>3</sup> (0.21 ft <sup>3</sup> )
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 <sup>3</sup> (0.28 ft <sup>3</sup> )
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 <sup>3</sup> (0.09 ft <sup>3</sup> )
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 <sup>3</sup> (0.14 ft <sup>3</sup> )
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 <sup>3</sup> (0.02 ft <sup>3</sup> )
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 <sup>3</sup> (0.73 ft <sup>3</sup> )
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 <sup>3</sup> (0.46 ft <sup>3</sup> )
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 <sup>3</sup> (0.49 ft <sup>3</sup> )
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 <sup>3</sup> (0.42 ft <sup>3</sup> )
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 <sup>3</sup> (0.6 ft <sup>3</sup> )
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 <sup>3</sup> (0.81 ft <sup>3</sup> )
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 <sup>3</sup> (0.05 ft <sup>3</sup> )
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 <sup>3</sup> (0.44 ft <sup>3</sup> )
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 <sup>3</sup> (0.4 ft <sup>3</sup> )
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 <sup>3</sup> (0.34 ft <sup>3</sup> )
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 <sup>3</sup> (0.63 ft <sup>3</sup> )
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 <sup>3</sup> (0.53 ft <sup>3</sup> )
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 <sup>3</sup> (0.71 ft <sup>3</sup> )
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 <sup>3</sup> (0.95 ft <sup>3</sup> )
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 <sup>3</sup> (1.09 ft <sup>3</sup> )
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 <sup>3</sup> (0.99 ft <sup>3</sup> )
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 <sup>3</sup> (0.07 ft <sup>3</sup> )
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 <sup>3</sup> (0.65 ft <sup>3</sup> )
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 <sup>3</sup> (0.65 ft <sup>3</sup> )
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 <sup>3</sup> (1.1 ft <sup>3</sup> )
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 <sup>3</sup> (0.78 ft <sup>3</sup> )
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 <sup>3</sup> (0.58 ft <sup>3</sup> )
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 <sup>3</sup> (0.62 ft <sup>3</sup> )
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 <sup>3</sup> (0.59 ft <sup>3</sup> )
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 <sup>3</sup> (0.65 ft <sup>3</sup> )
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

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	101.0 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	5.0 mm / 7.0 mm
Vas	63.0 dm <sup>3</sup> (2.2 ft <sup>3</sup> )
Fs / Qts	53 Hz / 0.19
Net Weight	7.5 kg (16.53 lb)
Depth	133 mm (5.24 in)
Features*	ADR



**12FW64**  
12" 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	55 - 3000 Hz
Xmax / Xvar	5.0 mm / 5.0 mm
Vas	64.0 dm <sup>3</sup> (2.26 ft <sup>3</sup> )
Fs / Qts	55 Hz / 0.29
Net Weight	5.65 kg (12.46 lb)
Depth	136 mm (5.35 in)
Features*	AVC; VVC; WP



**12PLB76**  
12" FE WOOFER

Magnet Material	Ferrite
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	99.0 dB
Frequency Range	50 - 2000 Hz
Xmax / Xvar	5.0 mm / 7.0 mm
Vas	75.0 dm <sup>3</sup> (2.6 ft <sup>3</sup> )
Fs / Qts	50 Hz / 0.23
Net Weight	6.55 kg (14.44 lb)
Depth	136 mm (5.35 in)
Features*	AVC



**12FW76**  
12" 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	55 - 3000 Hz
Xmax / Xvar	7.0 mm / 10.0 mm
Vas	45.0 dm <sup>3</sup> (1.6 ft <sup>3</sup> )
Fs / Qts	54 Hz / 0.18
Net Weight	8.55 kg (18.85 lb)
Depth	147 mm (5.79 in)
Features*	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 <sup>3</sup> (1.61 ft <sup>3</sup> )
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

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	1200 W
Sensitivity (1W/1m)	97.0 dB
Frequency Range	50 - 2500 Hz
Xmax / Xvar	9.0 mm / 7.0 mm
Vas	47.0 dm <sup>3</sup> (1.66 ft <sup>3</sup> )
Fs / Qts	50 Hz / 0.37
Net Weight	8.4 kg (18.52 lb)
Depth	122 mm (4.8 in)
Features*	ADR; AVC; VVC; WP



**12PS100**  
12" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	93.0 dB
Frequency Range	45 - 1000 Hz
Xmax / Xvar	8.0 mm / 8.0 mm
Vas	47.0 dm <sup>3</sup> (1.6 ft <sup>3</sup> )
Fs / Qts	44 Hz / 0.27
Net Weight	8.8 kg (19.4 lb)
Depth	118 mm (4.6 in)
Features*	DSS; TWP



**12TBX100**  
12" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	95.0 dB
Frequency Range	45 - 1000 Hz
Xmax / Xvar	9.0 mm / 11.0 mm
Vas	37.5 dm <sup>3</sup> (1.3 ft <sup>3</sup> )
Fs / Qts	42 Hz / 0.26
Net Weight	11.8 kg (26.0 lb)
Depth	135 mm (5.3 in)
Features*	ADR; DSS; VVC; TWP



**12CLA76**  
12" ND WOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	700 W
Sensitivity (1W/1m)	98.5 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	5.3 mm / 6.5 mm
Vas	56.0 dm <sup>3</sup> (1.98 ft <sup>3</sup> )
Fs / Qts	52 Hz / 0.25
Net Weight	3.3 kg (7.28 lb)
Depth	143 mm (5.63 in)
Features*	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 <sup>3</sup> (2.5 ft <sup>3</sup> )
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

Magnet Material	Neodymium Slug
Voice Coil Diameter	88 mm (3.5 in)
Continuous Program Power	1400 W
Sensitivity (1W/1m)	98.0 dB
Frequency Range	50 - 3000 Hz
Xmax / Xvar	8.0 mm / 9.5 mm
Vas	52.0 dm <sup>3</sup> (1.84 ft <sup>3</sup> )
Fs / Qts	51 Hz / 0.27
Net Weight	4.95 kg (10.91 lb)
Depth	140 mm (5.51 in)
Features*	ADR; AVC; DSS; VVC; WP



**12NW76**  
12" ND WOOFER

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	1000 W
Sensitivity (1W/1m)	98.5 dB
Frequency Range	40 - 2000 Hz
Xmax / Xvar	8.0 mm / 10.0 mm
Vas	76.0 dm <sup>3</sup> (2.7 ft <sup>3</sup> )
Fs / Qts	40 Hz / 0.16
Net Weight	4.9 kg (10.8 lb)
Depth	147 mm (5.8 in)
Features*	ADR; VVC; TWP



**12FG100**  
12" FE SUBWOOFER

Magnet Material	Ferrite
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	91 dB
Frequency Range	34 - 1000 Hz
Xmax / Xvar	10.3 mm / 14.0 mm
Vas	49.0 dm <sup>3</sup> (1.73 ft <sup>3</sup> )
Fs / Qts	34 Hz / 0.36
Net Weight	12.55 kg (27.67 lb)
Depth	150 mm (5.91 in)
Features*	RSS, DSS, VVC, ADR, TWP



**12NBX100**  
12" ND SUBWOOFER

Magnet Material	Neodymium Slug
Voice Coil Diameter	100 mm (4.0 in)
Continuous Program Power	2000 W
Sensitivity (1W/1m)	96.0 dB
Frequency Range	40 - 1500 Hz
Xmax / Xvar	10.0 mm / 10.0 mm
Vas	51.0 dm <sup>3</sup> (1.8 ft <sup>3</sup> )
Fs / Qts	41 Hz / 0.22
Net Weight	8.25 kg (18.19 lb)
Depth	143 mm (5.63 in)
Features*	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 <sup>3</sup> (1.13 ft <sup>3</sup> )
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 <sup>3</sup> (1.45 ft <sup>3</sup> )
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 <sup>3</sup> (4.34 ft <sup>3</sup> )
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 <sup>3</sup> (3.6 ft <sup>3</sup> )
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 <sup>3</sup> (3.51 ft <sup>3</sup> )
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 <sup>3</sup> (5.8 ft <sup>3</sup> )
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 <sup>3</sup> (4.9 ft <sup>3</sup> )
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 <sup>3</sup> (3.66 ft <sup>3</sup> )
Fs / Qts	49 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 <sup>3</sup> (3.8 ft <sup>3</sup> )
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 <sup>3</sup> (3.39 ft <sup>3</sup> )
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 <sup>3</sup> (6.22 ft <sup>3</sup> )
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 <sup>3</sup> (6.8 ft <sup>3</sup> )
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 <sup>3</sup> (4.5 ft <sup>3</sup> )
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 <sup>3</sup> (4.45 ft <sup>3</sup> )
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 <sup>3</sup> (3.1 ft <sup>3</sup> )
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 <sup>3</sup> (4.4 ft <sup>3</sup> )
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 <sup>3</sup> (2.42 ft <sup>3</sup> )
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 <sup>3</sup> (3.9 ft <sup>3</sup> )
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 <sup>3</sup> (2.68 ft <sup>3</sup> )
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 <sup>3</sup> (3.9 ft <sup>3</sup> )
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 <sup>3</sup> (3.32 ft <sup>3</sup> )
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 <sup>3</sup> (2.93 ft <sup>3</sup> )
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 <sup>3</sup> (8.6 ft <sup>3</sup> )
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 <sup>3</sup> (6.57 ft <sup>3</sup> )
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 <sup>3</sup> (7.5 ft <sup>3</sup> )
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 <sup>3</sup> (6.18 ft <sup>3</sup> )
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 <sup>3</sup> (7.0 ft <sup>3</sup> )
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 <sup>3</sup> (6.3 ft <sup>3</sup> )
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 <sup>3</sup> (6.5 ft <sup>3</sup> )
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 <sup>3</sup> (5.47 ft <sup>3</sup> )
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 <sup>3</sup> (5.93 ft <sup>3</sup> )
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 <sup>3</sup> (5.8 ft <sup>3</sup> )
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 <sup>3</sup> (9.5 ft <sup>3</sup> )
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 <sup>3</sup> (7.0 ft <sup>3</sup> )
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 <sup>3</sup> (5.47 ft <sup>3</sup> )
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

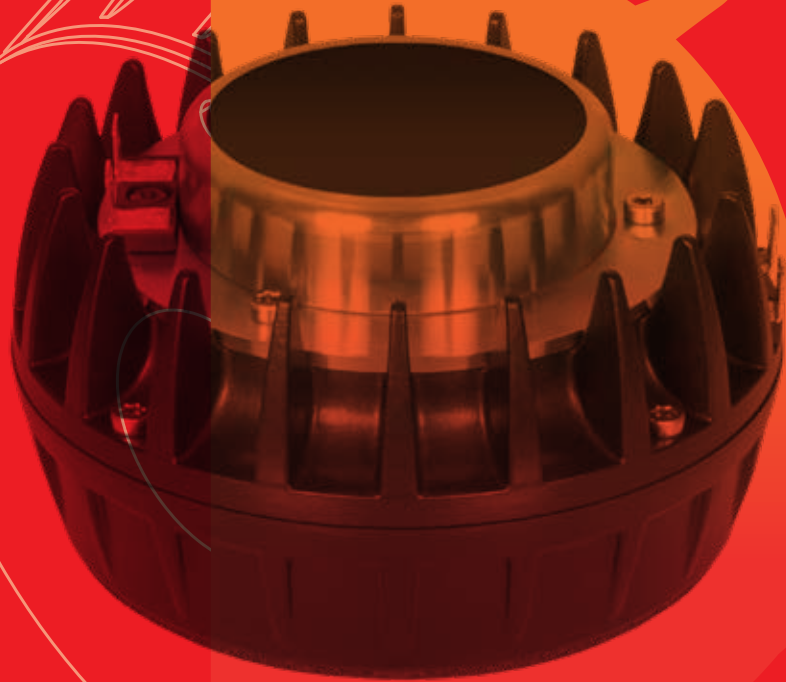
ND MF DRIVER

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

Also available DCX462 (2" exit)



### 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

Line Array Waveguide with DCX354-8



### 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

Line Array Waveguide with DCX464-8



### 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	BECF; 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	BECF; IRM; AVC



### WG400

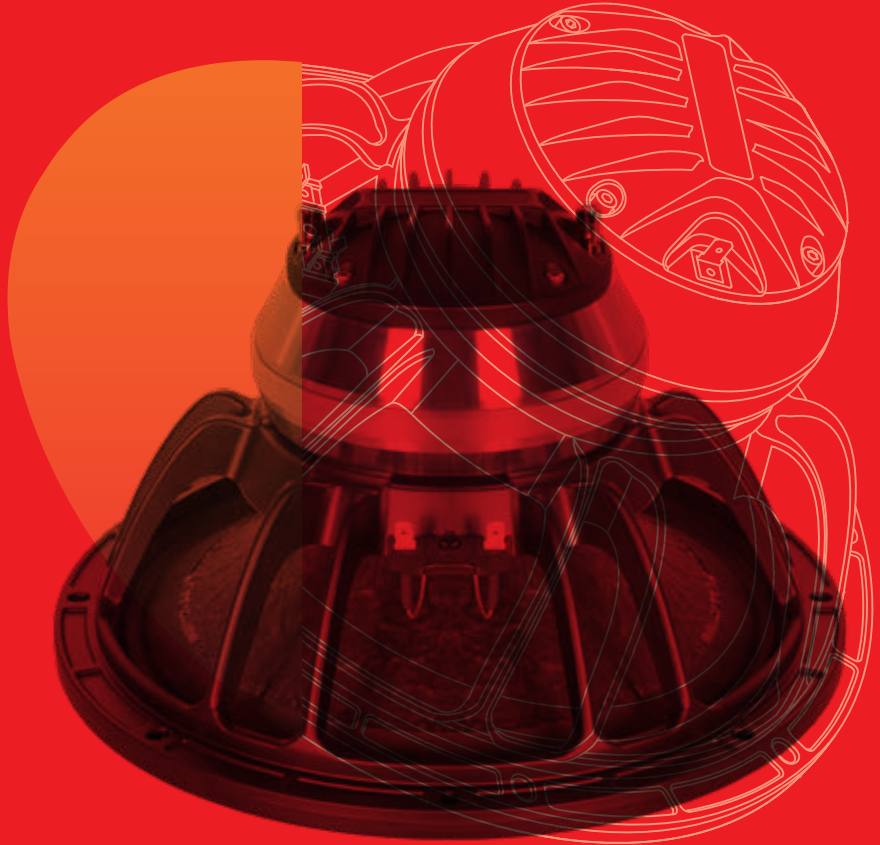
LINE ARRAY SOURCE

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 <sup>3</sup> (0.07 ft <sup>3</sup> )
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 <sup>3</sup> (0.25 ft <sup>3</sup> )
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 <sup>3</sup> (0.16 ft <sup>3</sup> )
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 <sup>3</sup> (0.18 ft <sup>3</sup> )
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 <sup>3</sup> (0.26 ft <sup>3</sup> )
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 <sup>3</sup> (0.18 ft <sup>3</sup> )
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 <sup>3</sup> (0.56 ft <sup>3</sup> )
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 <sup>3</sup> (0.6 ft <sup>3</sup> )
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 <sup>3</sup> (0.89 ft <sup>3</sup> )
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 <sup>3</sup> (0.74 ft <sup>3</sup> )
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 <sup>3</sup> (0.81 ft <sup>3</sup> )
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 <sup>3</sup> (3.1 ft <sup>3</sup> )
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 <sup>3</sup> (2.61 ft <sup>3</sup> )
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 <sup>3</sup> (2.08 ft <sup>3</sup> )
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 <sup>3</sup> (6.6 ft <sup>3</sup> )
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 <sup>3</sup> (8.6 ft <sup>3</sup> )
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 <sup>3</sup> (4.38 ft <sup>3</sup> )
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 <sup>3</sup> (6.11 ft <sup>3</sup> )
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

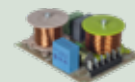
Dedicated for	12CXN88, 14CXN88, 15CXN88 and CX14**
Nominal impedance	8 Ω
Crossover frequency	1.6 kHz
Filter Type	Two Way
Low-Pass Slope	18.0 dB/oct
High-Pass Slope	12.0 dB/oct
Overall Dimension	173x120 mm (6.81x4.72 in)
Net Weight	0.65 kg (1.43 lb)

\*\*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**

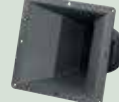
HORNS

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**

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

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

<b>TWP</b>	Waterproof Cone – Both Sides
<b>VVC</b>	Ventilated Voicecoil Gap – Reduced power compression
<b>WP</b>	Waterproof cone – Front
<b>WPI</b>	Waterproof Impregnated Cone
<b>4LAC</b>	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.

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