



B&C SPEAKERS PRODUCTS 2022

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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	0.57 kg (1.26 lb)
Depth	67 mm (2.64 in)
Features*	TWP; RSS



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	0.57 kg (1.26 lb)
Depth	66 mm (2.6 in)
Features*	TWP



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	0.85 kg (1.9 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	1.37 kg (3.02 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	2.2 kg (4.8 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	2.4 kg (5.29 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	2.2 kg (4.85 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	1.5 kg (3.31 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	2.7 kg (5.95 lb)
Depth	113 mm (4.45 in)
Features*	ADR; DHL; WPI; AVC; SBM

**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	4.2 kg (9.26 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	5.3 kg (11.6 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	2.55 kg (5.6 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	93 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	4.85 kg (10.69 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	3.0 kg (6.6 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	2.8 kg (6.17 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	1.8 kg (4.0 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	4.5 kg (9.92 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	7.3 kg (16.1 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	5.9 kg (13.0 lb)
Depth	116 mm (4.6 in)
Features*	AVC; 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	7.3 kg (16.09 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	3.2 kg (7.05 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	3.75 kg (8.27 lb)
Depth	130 mm (5.12 in)
Features*	SBM; 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	1.9 kg (4.19 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	31.0 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*	AVC; VVC; IDC; 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

**10NW76****12" ND Woofer**

Magnet Material	Neodymium Ring
Voice Coil Diameter	76 mm (3.0 in)
Continuous Program Power	800 W
Sensitivity (1W/1m)	96.3 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; AVC



12MH32

12" FE MIDBASS

Magnet Material	
Voice Coil Diameter	
Continuous Program Power	
Sensitivity (1W/1m)	
Frequency Range	
Xmax	
Vas	
Fs / Qts	
Net Weight	
Depth	
Features*	

Ferrite	
76 mm (3.0 in)	
800 W	
101.0 dB	
50 - 3000 Hz	
5.0 mm / 7.0 mm	
63.0 dm³ (2.2 ft³)	
53 Hz / 0.19	
7.6 kg (16.7 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 dm³ (2.26 ft³)	
55 Hz / 0.29	
5.6 kg (12.3 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 dm³ (2.6 ft³)	
50 Hz / 0.23	
7.4 kg (16.4 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 dm³ (1.6 ft³)	
54 Hz / 0.18	
8.5 kg (18.7 lb)	
147 mm (5.79 in)	
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 dm³ (1.66 ft³)	
50 Hz / 0.37	
9.3 kg (20.5 lb)	
122 mm (4.8 in)	
ADR; AVC; VVC; WP	



12PS100

12" FE SUBWOOFER

Magnet Material	
Voice Coil Diameter	
Continuous Program Power	
Sensitivity (1W/1m)	
Frequency Range	
Xmax	
Vas	
Fs / Qts	
Net Weight	
Depth	
Features*	

Ferrite	
100 mm (4.0 in)	
1400 W	
93.0 dB	
45 - 1000 Hz	
8.0 mm / 8.0 mm	
47.0 dm³ (1.6 ft³)	
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 dm³ (1.3 ft³)	
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 dm³ (1.98 ft³)	
52 Hz / 0.25	
3.3 kg (7.28 lb)	
143 mm (5.63 in)	
SC; VVC; ADR; WP;	
AVC	



12NDL76

12" ND WOOFER

Neodymium Slug	
76 mm (3.0 in)	
800 W	
100.0 dB	
50 - 2000 Hz	
7.0 mm / 6.5 mm	
73.0 dm³ (2.5 ft³)	
50 Hz / 0.2	
3.9 kg (8.6 lb)	
141 mm (5.5 in)	
AVC; VCC; TWP	



12NDL88

12" ND WOOFER

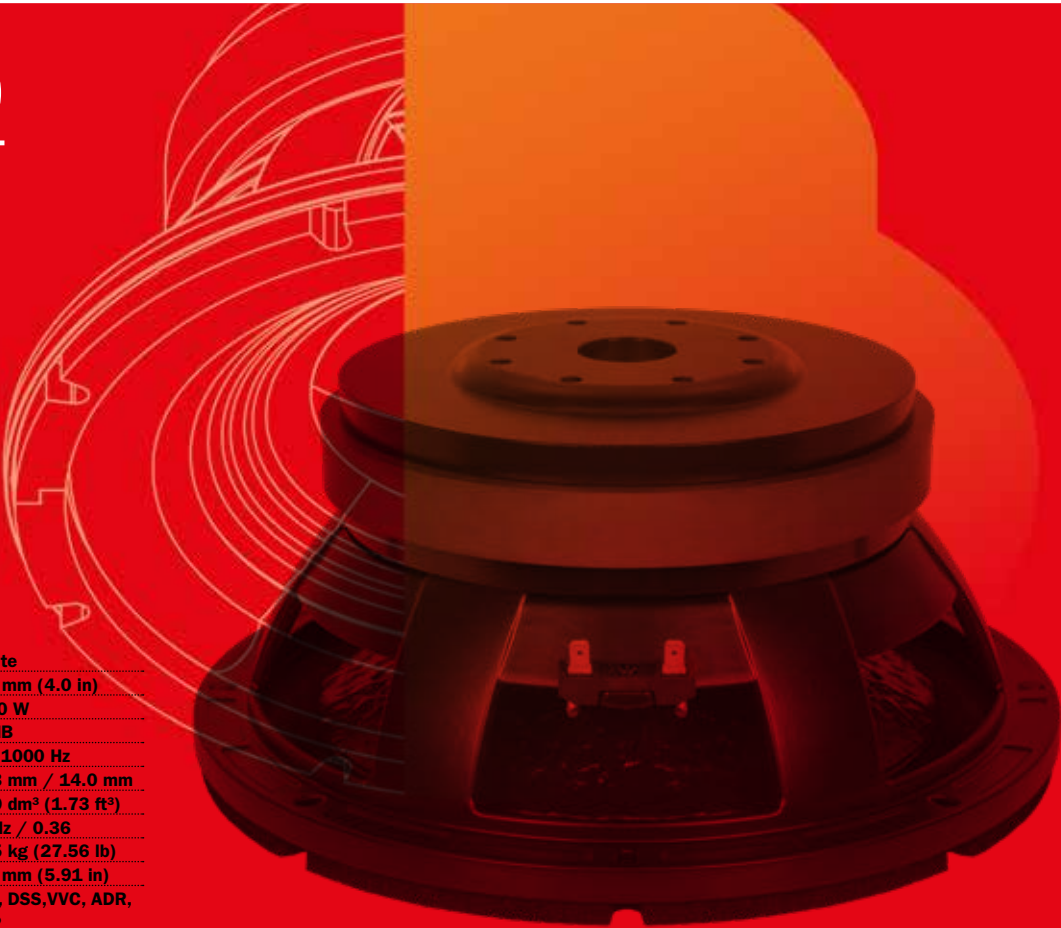
Neodymium Slug	
88 mm (3.5 in)	
1400 W	
98.0 dB	
50 - 3000 Hz	
8.0 mm / 9.5 mm	
52.0 dm³ (1.84 ft³)	
51 Hz / 0.27	
4.8 kg (10.58 lb)	
140 mm (5.51 in)	
ADR; AVC; DSS; VVC;	
WP	

12FG100

SUBWOOFER

Magnet Material	
Voice Coil Diameter	
Continuous Program Power	
Sensitivity (1W/1m)	
Frequency Range	
Xmax / Xvar	
Vas	
Fs / Qts	
Net Weight	
Depth	
Features*	

Ferrite	
100 mm (4.0 in)	
2000 W	
91 dB	
34 - 1000 Hz	
10.3 mm / 14.0 mm	
49.0 dm³ (1.73 ft³)	
34 Hz / 0.36	
12.5 kg (27.56 lb)	
150 mm (5.91 in)	
RSS, DSS,VVC, ADR,	
TWP	



**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	8.0 mm / 10.0 mm
Vas	76.0 dm ³ (2.7 ft ³)
Fs / Qts	40 Hz / 0.16
Net Weight	4.9 kg (10.8 lb)
Depth	147 mm (5.8 in)
Features*	ADR; VVC; TWP

**12NBX100****12" ND SUBWOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
2000 W	2000 W
96.0 dB	96.0 dB
40 - 1500 Hz	40 - 1500 Hz
10.0 mm / 10.0 mm	10.0 mm / 10.0 mm
51.0 dm ³ (1.8 ft ³)	51.0 dm ³ (1.8 ft ³)
41 Hz / 0.22	41 Hz / 0.22
8.0 kg (17.6 lb)	8.0 kg (17.6 lb)
143 mm (5.63 in)	143 mm (5.63 in)
VVC; DSS; ADR; TWP	VVC; DSS; ADR; TWP

**12BG76****12" ND SUBWOOFER**

Neodymium Ring	Neodymium Ring
76 mm (3.0 in)	76 mm (3.0 in)
1000 W	1000 W
92.0 dB	92.0 dB
45 - 1000 Hz	45 - 1000 Hz
9.5 mm / 14.0 mm	9.5 mm / 14.0 mm
32.0 dm ³ (1.13 ft ³)	32.0 dm ³ (1.13 ft ³)
44 Hz / 0.41	44 Hz / 0.41
5.0 kg (11.02 lb)	5.0 kg (11.02 lb)
159 mm (6.26 in)	159 mm (6.26 in)
RSS; ADR; DSS; VVC; TWP	RSS; ADR; DSS; VVC; TWP

**12BG100****12" ND WOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
2000 W	2000 W
93.0 dB	93.0 dB
40 - 1000 Hz	40 - 1000 Hz
10.5 mm / 14.0 mm	10.5 mm / 14.0 mm
41.0 dm ³ (1.45 ft ³)	41.0 dm ³ (1.45 ft ³)
39 Hz / 0.33	39 Hz / 0.33
8.2 kg (18.0 lb)	8.2 kg (18.0 lb)
137 mm (5.4 in)	137 mm (5.4 in)
RSS; DSS; VVC; ADR; TWP	RSS; DSS; VVC; ADR; TWP

**14NDL76****14" ND WOOFER**

Neodymium Slug	Neodymium Slug
76 mm (3.0 in)	76 mm (3.0 in)
1000 W	1000 W
99.0 dB	99.0 dB
40 - 3000 Hz	40 - 3000 Hz
8.0 mm / 9.5 mm	8.0 mm / 9.5 mm
123.0 dm ³ (4.34 ft ³)	123.0 dm ³ (4.34 ft ³)
41 Hz / 0.3	41 Hz / 0.3
4.5 kg (9.92 lb)	4.5 kg (9.92 lb)
161 mm (6.34 in)	161 mm (6.34 in)
ADR; VVC; WP	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	4.7 kg (10.36 lb)
Depth	167 mm (6.57 in)
Features*	ADR; DSS; VVC; AVC; WP

**14NA100****14" ND WOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
1600 W	1600 W
99.0 dB	99.0 dB
45 - 2000 Hz	45 - 2000 Hz
8.8 mm / 8.5 mm	8.8 mm / 8.5 mm
99.5 dm ³ (3.51 ft ³)	99.5 dm ³ (3.51 ft ³)
43 Hz / 0.23	43 Hz / 0.23
8.3 kg (18.3 lb)	8.3 kg (18.3 lb)
176 mm (6.93 in)	176 mm (6.93 in)
DSS; VVC; ADR; WP; AVC	DSS; VVC; ADR; WP; AVC

**15PLB76****15" FE WOOFER**

Ferrite	Ferrite
76 mm (3.0 in)	76 mm (3.0 in)
800 W	800 W
100.0 dB	100.0 dB
40 - 2000 Hz	40 - 2000 Hz
5.0 mm / 8.0 mm	5.0 mm / 8.0 mm
164.0 dm ³ (5.8 ft ³)	164.0 dm ³ (5.8 ft ³)
42 Hz / 0.25	42 Hz / 0.25
8.5 kg (18.7 lb)	8.5 kg (18.7 lb)
169 mm (6.65 in)	169 mm (6.65 in)
TWP	TWP

**15FW76****15" FE WOOFER**

Ferrite	Ferrite
76 mm (3.0 in)	76 mm (3.0 in)
1000 W	1000 W
100.0 dB	100.0 dB
40 - 2000 Hz	40 - 2000 Hz
7.0 mm / 8.0 mm	7.0 mm / 8.0 mm
138.0 dm ³ (4.9 ft ³)	138.0 dm ³ (4.9 ft ³)
40 Hz / 0.21	40 Hz / 0.21
9.2 kg (20.2 lb)	9.2 kg (20.2 lb)
177 mm (6.97 in)	177 mm (6.97 in)
ADR; DSS; VVC; WP	ADR; DSS; VVC; WP

**15TBX100****15" FE SUBWOOFER**

Ferrite	Ferrite
100 mm (4.0 in)	100 mm (4.0 in)
2000 W	2000 W
96.0 dB	96.0 dB
35 - 1500 Hz	35 - 1500 Hz
9.0 mm / 11.0 mm	9.0 mm / 11.0 mm
113.0 dm ³ (3.8 ft ³)	113.0 dm ³ (3.8 ft ³)
35 Hz / 0.28	35 Hz / 0.28
12.3 kg (27.1 lb)	12.3 kg (27.1 lb)
181 mm (7.1 in)	181 mm (7.1 in)
ADR; DSS; VVC; TWP	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	14.3 kg (31.5 lb)
Depth	191 mm (7.52 in)
Features*	ADR; DSS; VVC; TWP

**15CLA76****15" ND WOOFER**

Neodymium Slug	Neodymium Slug
76 mm (3.0 in)	76 mm (3.0 in)
700 W	700 W
99.0 dB	99.0 dB
40 - 3000 Hz	40 - 3000 Hz
5.5 mm / 7.5 mm	5.5 mm / 7.5 mm
176.0 dm ³ (6.22 ft ³)	176.0 dm ³ (6.22 ft ³)
40 Hz / 0.3	40 Hz / 0.3
3.9 kg (8.6 lb)	3.9 kg (8.6 lb)
171 mm (6.73 in)	171 mm (6.73 in)
SC; VVC; ADR; WP; AVC	SC; VVC; ADR; WP; AVC

**15NDL76****15" ND WOOFER**

Neodymium Slug	Neodymium Slug
76 mm (3.0 in)	76 mm (3.0 in)
1000 W	1000 W
99.5 dB	99.5 dB
40 - 2000 Hz	40 - 2000 Hz
7.0 mm / 9.0 mm	7.0 mm / 9.0 mm
195.0 dm ³ (6.8 ft ³)	195.0 dm ³ (6.8 ft ³)
37 Hz / 0.22	37 Hz / 0.22
4.6 kg (10.1 lb)	4.6 kg (10.1 lb)
171 mm (6.7 in)	171 mm (6.7 in)
VCC; TWP	VCC; TWP

**15NW76****15" ND WOOFER**

Neodymium Ring	Neodymium Ring
76 mm (3.0 in)	76 mm (3.0 in)
1200 W	1200 W
100.5 dB	100.5 dB
40 - 2000 Hz	40 - 2000 Hz
8.0 mm / 10.0 mm	8.0 mm / 10.0 mm
130.0 dm ³ (4.5 ft ³)	130.0 dm ³ (4.5 ft ³)
42 Hz / 0.22	42 Hz / 0.22
5.6 kg (12.3 lb)	5.6 kg (12.3 lb)
177 mm (7.0 in)	177 mm (7.0 in)
ADR; DSS; VVC; TWP	ADR; DSS; VVC; TWP

**15NDL88****15" ND WOOFER**

Neodymium Slug	Neodymium Slug
88 mm (3.5 in)	88 mm (3.5 in)
1400 W	1400 W
99.0 dB	99.0 dB
45 - 3000 Hz	45 - 3000 Hz
8.0 mm / 10.0 mm	8.0 mm / 10.0 mm
126.0 dm ³ (4.45 ft ³)	126.0 dm ³ (4.45 ft ³)
45 Hz / 0.34	45 Hz / 0.34
4.6 kg (10.14 lb)	4.6 kg (10.14 lb)
177 mm (6.97 in)	177 mm (6.97 in)
ADR; DSS; VVC; AVC; WP	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)	98.0 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	9.3 kg (20.5 lb)
Depth	180 mm (7.09 in)
Features*	CFRC; DSS; VVC; WP; AVC

**15NBX100****15" ND SUBWOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
2000 W	2000 W
97.0 dB	97.0 dB
35 - 1500 Hz	35 - 1500 Hz
10.0 mm / 10.0 mm	10.0 mm / 10.0 mm
125.0 dm ³ (4.4 ft ³)	125.0 dm ³ (4.4 ft ³)
36 Hz / 0.29	36 Hz / 0.29
9.0 kg (19.8 lb)	9.0 kg (19.8 lb)
179 mm (7.05 in)	179 mm (7.05 in)
DSS; VVC; ADR; TWP	DSS; VVC; ADR; TWP

**15BG76****15" ND SUBWOOFER**

Neodymium Slug	Neodymium Slug
76 mm (3.0 in)	76 mm (3.0 in)
1000 W	1000 W
93.4 dB	93.4 dB
44 - 1000 Hz	44 - 1000 Hz
9.6 mm / 12.5 mm	9.6 mm / 12.5 mm
68.4 dm ³ (2.42 ft ³)	68.4 dm ³ (2.42 ft ³)
44 Hz / 0.56	44 Hz / 0.56
6.0 kg (13.23 lb)	6.0 kg (13.23 lb)
190 mm (7.48 in)	190 mm (7.48 in)
DSS; RSS; VVC; ADR; TWP	DSS; RSS; VVC; ADR; TWP

**15SW100****15" ND SUBWOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
3000 W	3000 W
95.0 dB	95.0 dB
40 - 1500 Hz	40 - 1500 Hz
12.5 mm / 13 mm	12.5 mm / 13 mm
110.0 dm ³ (3.9 ft ³)	110.0 dm ³ (3.9 ft ³)
37 Hz / 0.31	37 Hz / 0.31
9.6 kg (21.16 lb)	9.6 kg (21.16 lb)
190 mm (7.5 in)	190 mm (7.5 in)
DSS; VVC; ADR; TWP	DSS; VVC; ADR; TWP

**15DS100****15" ND SUBWOOFER**

Neodymium Slug	Neodymium Slug
100 mm (4.0 in)	100 mm (4.0 in)
3000 W	3000 W
96.8 dB	96.8 dB
39 - 1000 Hz	39 - 1000 Hz
14.5 mm / 14 mm	14.5 mm / 14 mm
76 dm ³ (2.68 ft ³)	76 dm ³ (2.68 ft ³)
39 Hz / 0.26	39 Hz / 0.26
9.6 kg (21.16 lb)	9.6 kg (21.16 lb)
190 mm (7.5 in)	190 mm (7.5 in)
DSS; 4LAC; VVC; ADR; TWP	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 dm³ (3.9 ft³)
Fs / Qts	35 Hz / 0.24
Net Weight	12.0 kg (26.4 lb)
Depth	193 mm (7.6 in)
Features*	ADR; DSS; VVC; TWP



15DS115
15" ND SUBWOOFER

Neodymium Slug	116 mm (4.5 in)
3200 W	97.0 dB
35 - 1000 Hz	16.5 mm / 14.0 mm
94.0 dm³ (3.32 ft³)	33 Hz / 0.17
11.6 kg (25.57 lb)	199 mm (7.83 in)
DSS; 4LAC; VVC;	ADR; TWP



15BG100
15" ND SUBWOOFER

Neodymium Slug	100 mm (4.0 in)
2000 W	94.5 dB
35 - 1000 Hz	10.5 mm / 14.0 mm
83.0 dm³ (2.93 ft³)	36 Hz / 0.44
8.6 kg (18.9 lb)	189 mm (7.44 in)
RSS; DSS; VVC; ADR;	TWP



18PS100
18" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
1400 W	95.5 dB
30 - 1000 Hz	8.0 mm / 8.0 mm
245.0 dm³ (8.6 ft³)	30 Hz / 0.39
10.5 kg (23.1 lb)	197 mm (7.75 in)
DSS; TWP	



18PZW100
18" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
2000 W	97.6 dB
37 - 2000 Hz	8.0 mm / 10.5 mm
186.0 dm³ (6.57 ft³)	37 Hz / 0.36
12.2 kg (26.9 lb)	202 mm (7.95 in)
DSS, TWP	



18TBX100
18" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
2400 W	97.0 dB
35 - 1000 Hz	9.0 mm / 11.0 mm
212.0 dm³ (7.5 ft³)	34 Hz / 0.35
13.0 kg (28.6 lb)	209 mm (8.2 in)
ADR; DSS; VVC; TWP	



18TBW100
18" FE SUBWOOFER

Ferrite	100 mm (4.0 in)
3000 W	96.0 dB
35 - 1000 Hz	12 mm / 14 mm
175.0 dm³ (6.18 ft³)	35 Hz / 0.39
15.1 kg (33.3 lb)	241 mm (9.5 in)
ADR; DSS; VVC; TWP	



18NBX100
18" ND SUBWOOFER

Neodymium Slug	100 mm (4.0 in)
2400 W	96.5 dB
35 - 1000 Hz	10 mm / 12 mm
198.0 dm³ (7.0 ft³)	35 Hz / 0.38
9.3 kg (20.5 lb)	208 mm (8.19 in)
ADR; DSS; VVC; TWP	



18SW100
18" ND SUBWOOFER

Neodymium Slug	100 mm (4.0 in)
3000 W	97.0 dB
35 - 1000 Hz	12.5 mm / 16.0 mm
180.0 dm³ (6.3 ft³)	35 Hz / 0.38
10.4 kg (22.93 lb)	239 mm (9.41 in)
DSS; VVC; ADR; TWP	



18SW115
18" ND SUBWOOFER

Neodymium Slug	116 mm (4.5 in)
3400 W	97.0 dB
35 - 1500 Hz	14 mm / 16.0 mm
187.0 dm³ (6.5 ft³)	32 Hz / 0.3
11.9 kg (26.2 lb)	242 mm (9.5 in)
ADR; DSS; VVC; TWP	

18DS115

SUBWOOFER 18

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 dm³ (5.93 ft³)
Fs / Qts	30 Hz / 0.2
Net Weight	12.0 kg (26.46 lb)
Depth	248 mm (9.76 in)
Features*	DSS; 4LAC; VVC;
	ADR; TWP; AVC



**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

**18IPAL****18" ND SUBWOOFER**

Neodymium Slug	116 mm (4.5 in)
3400 W	97.0 dB
32 - 1000 Hz	20 mm / 15 mm
164.0 dm ³ (5.8 ft ³)	32 Hz / 0.14
16.6 kg (36.6 lb)	261 mm (10.28 in)
DSS; VVC; ADR;	AVC; TWP

**21DS115****21" ND SUBWOOFER**

Neodymium Slug	116 mm (4.5 in)
3400 W	99.0 dB
30 - 1000 Hz	15 mm / 16.5 mm
269.0 dm ³ (9.5 ft ³)	30 Hz / 0.23
18.5 kg (40.8 lb)	255 mm (10.04 in)
DSS; VVC; ADR;	4LAC; TWP

**21SW152****21" ND SUBWOOFER**

Neodymium Slug	153 mm (6.0 in)
4000 W	96.0 dB
30 - 1000 Hz	15 mm / 16 mm
200.0 dm ³ (7.0 ft ³)	32 Hz / 0.36
18.5 kg (40.7 lb)	261 mm (10.3 in)
ADR; DSS; VVC; TWP	

**21IPAL****21" ND SUBWOOFER**

Neodymium Slug	153 mm (6.0 in)
5000 W	99.0 dB
37 - 1000 Hz	22 mm / 15 mm
155.0 dm ³ (5.47 ft ³)	37 Hz / 0.21
22.0 kg (48.5 lb)	269 mm (10.59 in)
DSS; VVC; AVC; TWP	

**DE35****ND TWEETER**

Throat Diameter	-
Magnet Material	Neodymium Slug
Continuous Program Power	50 W
Sensitivity (1W/1m)	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	0.7 kg (1.5 lb)
Overall Diameter	100 mm (4.0 in)
Features*	-

**DE7****ND HF DRIVER**

19 mm (0.75 in)	Neodymium Ring
20 W	109.0 dB
25 mm (1.0 in)	Aluminium
Polyester	2000 - 18000 Hz
2.5 kHz	0.17 kg (0.37 lb)
62 mm (2.44 in)	AVC

Also available DE5 (0.5" exit)

**DE10****FE HF DRIVER**

25 mm (1.0 in)	Ferrite
40 W	107.0 dB
25 mm (1.0 in)	Aluminium
Polyester	1500 - 18000 Hz
2.5 kHz	0.8 kg (1.8 lb)
90 mm (3.5 in)	AVC

**DE111****ND HF DRIVER**

25 mm (1.0 in)	Neodymium Ring
50 W	107.0 dB
36 mm (1.4 in)	Aluminium
HT Polymer	1000 - 17000 Hz
1.2 kHz	0.32 kg (0.71 lb)
60 mm (2.36 in)	AVC

**DE14TN****FE HF DRIVER**

25 mm (1.0 in)	Ferrite
60 W	105.0 dB
36 mm (1.4 in)	Aluminium
Titanium	1500 - 18000 Hz
2.2 kHz	1.1 kg (2.4 lb)
90 mm (3.5 in)	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 (1W/1m)	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**

25 mm (1.0 in)	Neodymium Ring
70 W	110.0 dB
38 mm (1.5 in)	Aluminium
HT Polymer	1200 - 20000 Hz
1.8 kHz	0.5 kg (1.1 lb)
71 mm (2.8 in)	AD; AVC

**DE160****FE HF DRIVER**

25 mm (1.0 in)	Ferrite
80 W	107.0 dB
44 mm (1.7 in)	Aluminium
Polyester	1500 - 18000 Hz
2.0 kHz	1.6 kg (3.5 lb)
102 mm (4.0 in)	AVC

Also available DE180
(Polyimide Diaphragm)**DE250****FE HF DRIVER**

25 mm (1.0 in)	Ferrite
120 W	108.5 dB
44 mm (1.7 in)	Aluminium
Polyimide	1000 - 18000 Hz
1.6 kHz	2.1 kg (4.6 lb)
120 mm (4.7 in)	AVC

Also available DE250TN
(Titanium Diaphragm)**DE400TN****ND HF DRIVER**

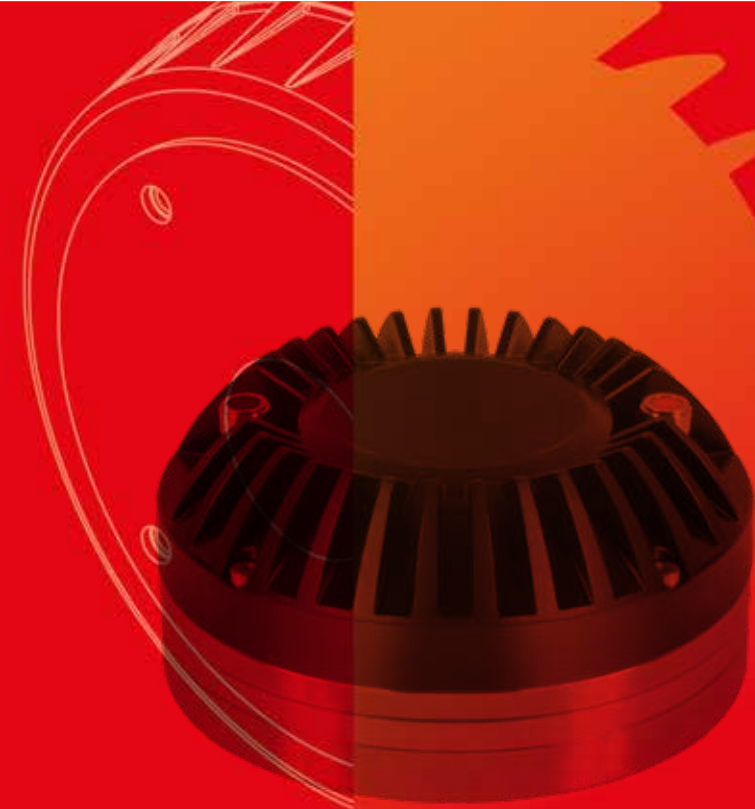
25 mm (1.0 in)	Neodymium Ring
100 W	106.0 dB
44 mm (1.7 in)	Aluminium
Titanium	1200 - 18000 Hz
1.5 kHz	0.8 kg (1.8 lb)
85 mm (3.3 in)	SCC; AVC

Also available DE400
(Polyimide Diaphragm)

DE780TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity (1W/1m)	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



DE550TN

ND HF DRIVER

Throat Diameter	25 mm (1.0 in)
Magnet Material	Neodymium Ring
Continuous Program Power	140 W
Sensitivity (1W/1m)	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	1.25 kg (2.76 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 (1W/1m)	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 (1W/1m)	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	4.5 kg (9.9 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 (1W/1m)	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	4.5 kg (9.9 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 (1W/1m)	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	2.1 kg (4.6 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 (1W/1m)	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



DE990TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo Inside Ring
Continuous Program Power	200 W
Sensitivity (1W/1m)	107.5 dB
Voice Coil Diameter	86 mm (3.4 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 18000 Hz
Recomm. Crossover Frequency	1.0 kHz
Net Weight	1.85 kg (4.08 lb)
Overall Diameter	118 mm (4.65 in)
Features*	SCC; BECF; IRM; AVC



DE1090TN

ND HF DRIVER

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo Inside Ring
Continuous Program Power	240 W
Sensitivity (1W/1m)	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)



DCM414

ND MF Driver

Throat Diameter	36 mm (1.4 in)
Magnet Material	Neo Ring
Continuous Program Power	220 W
Sensitivity (1W/1m)	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
	Also available DCM420 (2" exit)

DCX464

ND HF DRIVER

Throat Diameter	1.4" (MF/HF)
Magnet Material	Neo Ring / Inside Slug
Continuous Program Power	220 W / 160 W
Sensitivity (1W/1m)	111.1 dB / 111.4 dB
Voice Coil Diameter	100 mm / 65 mm
Voice Coil Material	Aluminium
Diaphragm Material	Polímero HT
Frequency Range	300 - 18000 Hz
Recomm. Crossover Frequency	4 kHz
Net Weight	3.7 kg (8.16 lb)
Overall Diameter	152 mm (5.98 in)
Features*	AD Also available DCX462 (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	6.3 kg (13.9 lb)
Overall Diameter	180 mm (7.1 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	1.8 kg (4.0 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	3.6 kg (7.9 lb)
Overall Diameter	154 mm (6.1 in)
Features*	SCC; BECF; AVC



WGX880TN

LINE ARRAY SOURCE

Throat Diameter	120° max
Magnet Material	Neodymium Ring
Continuous Program Power	220 W
Sensitivity	108 dB
Voice Coil Diameter	75 mm (3.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Frequency Range	500 - 17000 Hz
Recomm. Crossover Frequency	0.8 kHz
Net Weight	3.1 kg (6.83 lb)
Overall Diameter	163x130x235 mm
Features*	AVC; BECF



WGX1090TN

LINE ARRAY SOURCE

Throat Diameter	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



WG7

LINE ARRAY SOURCE

Throat Diameter	150° Max
Magnet Material	Neodymium Ring
Continuous Program Power	40 W
Sensitivity	107 dB
Voice Coil Diameter	25 mm (1.0 in)
Voice Coil Material	Aluminium
Diaphragm Material	Polyester
Frequency Range	2000 - 18000 Hz
Recomm. Crossover Frequency	2.0 kHz
Net Weight	0.5 kg (1.1 lb)
Overall Diameter	144x114x80 mm
Features*	AVC



WG400

LINE ARRAY SOURCE

Throat Diameter	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

CXN SERIES



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°
200W / 20 W	
91.0 dB / 107.5 dB	
60 - 18000 Hz	
2.5 kHz	
44 mm / 25 mm	
Ferrite / Neo Ring	
Polyester	
3.0 mm / 5.0 mm	
7.0 dm ³ (0.25 ft ³)	
61 Hz / 0.25	
1.85 kg (4.1 lb)	
110 mm (4.33 in)	
ADR; WP	



5CXN36

Dispersion angle	70°
200 W / 50 W	
89.0 dB / 101.0 dB	
94 - 18000 Hz	
2.0 kHz	
34 mm / 36 mm	
Neodymium Ring	
HT Polymer	
4.1 mm / 5.5 mm	
4.4dm (0.16 ft ³)	
95 Hz / 0.9	
0.62 kg (1.37 lb)	
87 mm (3.43 in)	
ADR; WP /	
5CXN44 (44mm vc)	



6FHX51

Dispersion angle	70°
300W / 20W	
93.0 dB / 108.5 dB	
85 - 18000 Hz	
2.5 kHz	
51 mm / 25 mm	
Ferrite / Neo Ring	
Polyester	
5.0 mm / 5.7 mm	
5.0 dm ³ (0.18 ft ³)	
85 Hz / 0.37	
2.7 kg (5.9 lb)	
122 mm (4.8 in)	
WP	



6CXN36

Dispersion angle	90°
200 W / 50 W	
90 dB / 100 dB	
90 - 18000 Hz	
2.0 kHz	
34 mm / 36 mm	
Neo Ring	
HT Polymer	
4.1 mm / 6.0 mm	
7.5 dm ³ (0.26 ft ³)	
90 Hz / 0.95	
0.74 kg (1.63 lb)	
91 mm (3.58 in)	
ADR, WP	



6HCX51

Dispersion angle	70°
300W / 50 W	
92.0 dB / 105.0 dB	
90 - 18000 Hz	
2.2 kHz	
51 mm / 36 mm	
Neodymium Ring	
Polyester	
5.0 mm / 5.5 mm	
5.0 dm ³ (0.18 ft ³)	
89 Hz / 0.38	
1.55 kg (3.4 lb)	
104 mm (4.1 in)	
ADR; TWP	



8FCX51

Dispersion angle	100°
500W / 100W	
96.0 dB / 104.0 dB	
69 - 18000 Hz	
1.8 kHz	
51 mm / 44 mm	
Ferrite	
Polymide	
6.5 mm / 6.0 mm	
16.0 dm ³ (0.56 ft ³)	
69 Hz / 0.34	
5.1 kg (11.2 lb)	
118 mm (4.64 in)	
ADR; AVC; WP	



8CXN51

Dispersion angle	100°
500W / 100 W	
97.0 dB / 104.0 dB	
70 - 18000 Hz	
1.8 kHz	
51 mm / 44 mm	
Neodymium Ring	
Polymide	
6.0 mm / 6.0 mm	
17.0 dm ³ (0.6 ft ³)	
68 Hz / 0.27	
2.5 kg (5.5 lb)	
111 mm (4.4 in)	
ADR; AVC; WP	



10FCX64

Dispersion angle	70°
500 W / 160 W	
95.0 dB / 104.0 dB	
65 - 18000 Hz	
1.2 kHz	
64 mm / 65 mm	
Ferrite	
Titanium	
5.5 mm / 6.0 mm	
25.0 dm ³ (0.89 ft ³)	
63 Hz / 0.42	
5.65 kg (12.8 lb)	
140 mm (5.51 in)	
ADR; AVC; WP	



10CXN64

Dispersion angle	70°
500 W / 160 W	
97.0 dB / 103.0 dB	
70 - 18000 Hz	
1.2 kHz	
64 mm / 65 mm	
Neodymium Ring	
Titanium	
5.5 mm / 5.0 mm	
23.0 dm ³ (0.81 ft ³)	
68 Hz / 0.31	
3.2 kg (7.05 lb)	
142 mm (5.59 in)	
ADR, WP; AVC	

High energy Nd & Fe motors
in every size, combining our durable
and high power handling woofers
with the industry's most proven
compression drivers



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	8.5 kg (18.7 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	Neo 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	3.3 kg (7.28 lb)
Depth	164 mm (6.46 in)
Features* / Options	ADR, WP



12HCX76

Dispersion angle	60° x 40°
LF/HF Contin. Program Power	700 W / 160 W
LF/HF Sensitivity	99.0 dB / 107.0 dB
Frequency Range	45 - 18000 Hz
Crossover Frequency	1.2 kHz
LF/HF Voice Coil Diameter	76 mm / 75 mm
LF/HF Magnet Material	Neodymium Ring
HF Diaphragm Material	Titanium
LF Xmax / Xvar	4.0 mm / 6.0 mm
Vas	120.0 dm ³ (4.2 ft ³)
LF Fs / Qts	42 Hz / 0.19
Net Weight	5.2 kg (12.3 lb)
Depth	168 mm (6.6 in)
Features* / Options	ADR; WP / 12CXN76 w/o horn



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	6.0 kg (13.23 lb)
Depth	178 mm (7.01 in)
Features* / Options	ADR, DSS, WP; AVC



14CXN88

Dispersion angle	80°
LF/HF Contin. Program Power	1000 W / 160 W
LF/HF Sensitivity	99 dB / 106 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 mm
Vas	100 dm ³ (3.53 ft ³)
LF Fs / Qts	46 Hz / 0.26
Net Weight	7.3 kg (16.09 lb)
Depth	200 mm (7.87 in)
Features* / Options	ADR; DSS; WP Also available 14CXN76 (76mm vc)



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



15CXN88

Dispersion angle	80°
LF/HF Contin. Program Power	1000 W / 160 W
LF/HF Sensitivity	100.0 dB / 106.0 dB
Frequency Range	40 - 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	178.0 dm ³ (6.29 ft ³)
LF Fs / Qts	40 Hz / 0.25
Net Weight	7.3 kg (16.09 lb)
Depth	208 mm (8.19 in)
Features* / Options	ADR, DSS, WP; AVC

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	5.6 kg (12.35 lb)
Depth	200 mm (7.87 in)
Features* / Options	ADR; WP /14" & 15"CN76 w/o horn





FBCXN36

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 Dimensions	100x76 mm (3.94x2.99 in)
Net Weight	0.22 kg (0.49 lb)



FB10CX64

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 Dimensions	173x120 mm (6.81x4.72 in)
Net Weight	0.6 kg (1.32 lb)
	**Suggested design



FBCLX64

Dedicated for	12CLX64 Coaxial speaker, CX12.64**
Nominal impedance	8 Ω
Crossover frequency	1.7 kHz
Filter Type	Two Way
Low-Pass Slope	24.0 dB/oct
High-Pass Slope	12.0 dB/oct
Overall Dimensions	173x120 mm (6.81x4.72 in)
Net Weight	0.64 kg (1.41 lb)
	**Suggested design



FBCXN88

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 Dimensions	173x120 mm (6.81x4.72 in)
Net Weight	0.65 kg (1.43 lb)
	**Suggested design



FB464

Dedicated for	DCX464 for use with ME464
Nominal impedance	8 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 Dimensions	100x110 mm (3.94x4.33 in)
Net Weight	0.37 kg (0.82 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	0.1 kg (0.22 lb)



ME10v2 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	0.15 kg (0.33 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	0.45 kg (1.0 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	0.8 kg (1.8 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	1.6 kg (3.5 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	0.45 kg (1.0 lb)



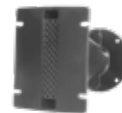
ME464 HORNS

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	4.8 kg (10.58 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	0.44 kg (0.97 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	1.0 kg (2.2 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	0.76 kg (1.67 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



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