

EUPHORIA™

XPERT™

LOUDSPEAKERS SUBWOOFERS AMPLIFIERS

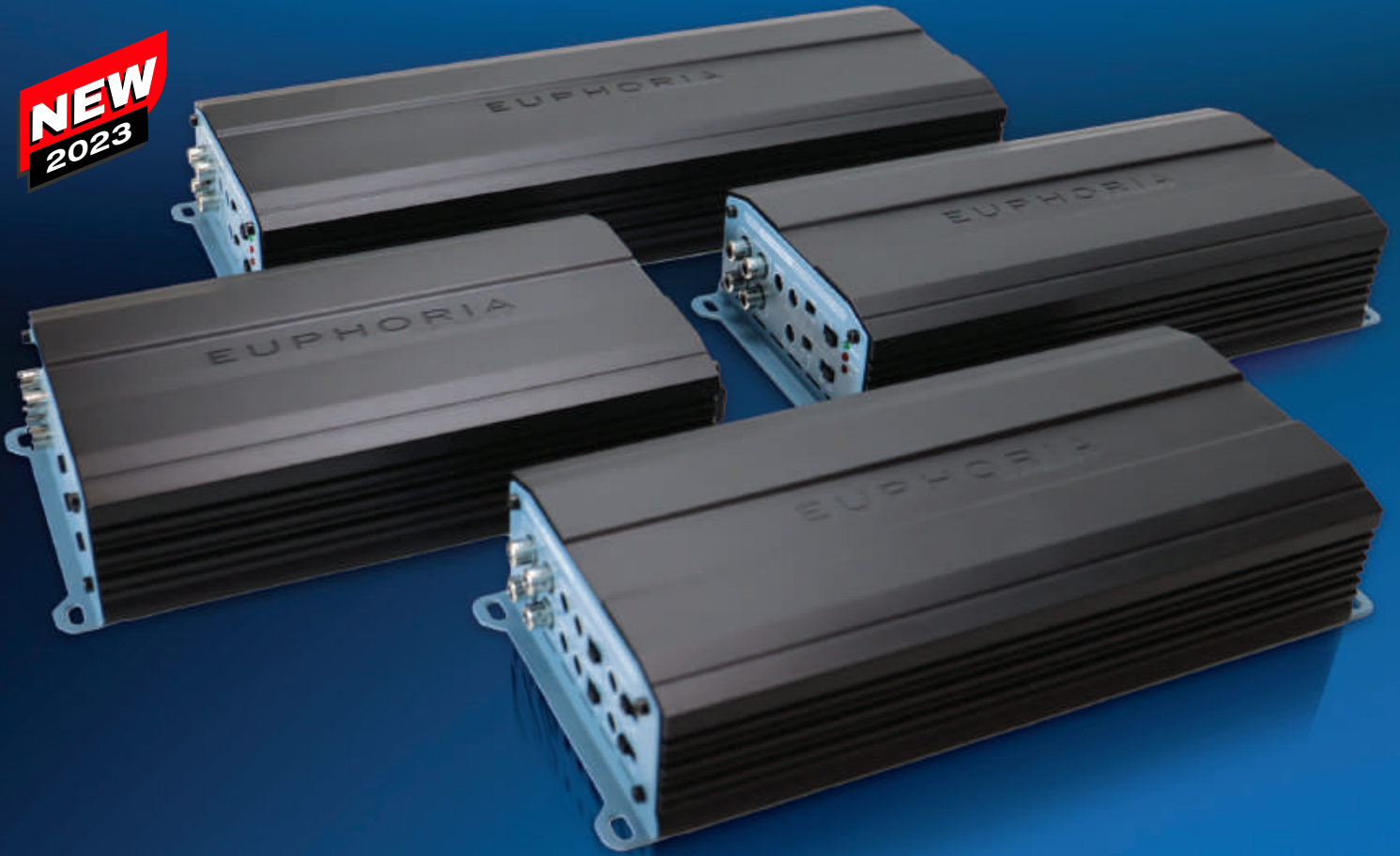


2023-2024
PRODUCT GUIDE

XPERT™ MINI

A M P L I F I E R S

NEW
2023



HIGH EFFICIENCY FULL RANGE CLASS D TECHNOLOGY



**SIGNAL EVALUATION
STATUS INDICATOR**



**AUDIO PROTECTION
CIRCUIT**



**ADAPTIVE CROSSOVER
TECHNOLOGY**



**CHASSIS HEAT
MANAGEMENT**

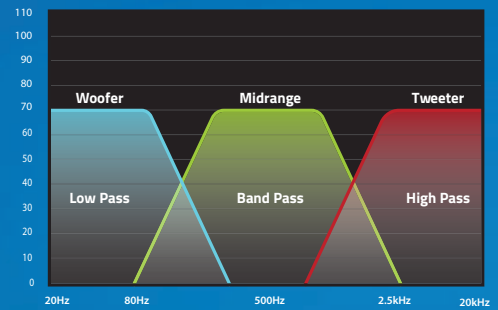


**DIRECT CONNECT
SPEAKER TERMINALS**



**LARGE GAUGE
POWER WIRE INPUTS**

Variable 12dB 3-Way Active Crossover





EXM400.4
4 CHANNEL AMPLIFIER



EXM2000.1
MONO AMPLIFIER



EXM900.4
4 CHANNEL AMPLIFIER



EXM3000.1
MONO AMPLIFIER

4 CHANNEL AMPLIFIER

Amplifiers	Internal Circuitry	4Ω @ 14.4 Volts	2Ω @ 14.4 Volts	4Ω @ Bridged	Capability	Master Carton
EXM400.4	4 Channel Class D	4 x 200 Watts	4 x 400 Watts	2 x 800 Watts	2Ω Stereo	6
EXM900.4	4 Channel Class D	4 x 450 Watts	4 x 900 Watts	2 x 1800 Watts	2Ω Stereo	5

MONO AMPLIFIER

Amplifiers	Internal Circuitry	4Ω @ 14.4 Volts	2Ω @ 14.4 Volts	1Ω	Capability	Master Carton
EXM2000.1	Full Range Class D	1 x 500 Watts	1 x 1000 Watts	1 x 2000 Watts	1Ω	5
EXM3000.1	Full Range Class D	1 x 750 Watts	1 x 1500 Watts	1 x 3000 Watts	1Ω	4

SPECIFICATIONS

	EXM400.4	EXM900.4	EXM2000.1	EXM3000.1
Working Voltage	10-16 Volts	10-16 Volts	10-16 Volts	10-16 Volts
Frequency Response	10 - 24KHz	10 - 24KHz	10 - 22KHz	10 - 22KHz
Signal to Noise Ratio	<85dB	<85dB	<90dB	<90dB
Damping Factor	100dB<	100dB<	125dB<	125dB<
Low Level Input	6V - 0.2V	6V - 0.2V	6V - 0.2V	6V - 0.2V
Variable High Pass Filter	20Hz - 8KHz	20Hz - 8KHz	20Hz - 8KHz	20Hz - 8KHz
Variable Low Pass Filter	50Hz - 8KHz	50Hz - 8KHz	50Hz - 8KHz	50Hz - 8KHz
Minimum working Impedance	2Ω	2Ω	1Ω	1Ω
Dimensions	9.5" x 4.68" x 2.11"	11" x 4.68" x 2.11"	10.63" x 4.68" x 2.11"	14.18" x 4.68" x 2.11"
	241.3 x 119 x 53.75 mm	279.4 x 119 x 53.75 mm	270 x 119 x 53.75 mm	360.172 x 119 x 53.75 mm





XPERT™ AMPLIFIERS



LIMITED
QUANTITIES



FULL RANGE
CLASS D
TECHNOLOGY



 **PRECISION
POTENTIOMETER**

**PREAMP
CONTROLS**

EUPHORIA
SPEAKERS

EK5K / 5000 WATT
FULL RANGE CLASS D MONOBLOCK



COMPACT DESIGN EXTENSIVE POWER



**BUFFERED FULL RANGE
RCA PASS THROUGH OUTPUTS**



**DIRECT CONNECT
SPEAKER TERMINALS**



**AUDIO PROTECTION
CIRCUIT**



**AUDIOPHILE GRADE
TIFFANY RCA CONNECTORS**



**LARGE GAUGE
POWER WIRE INPUTS**

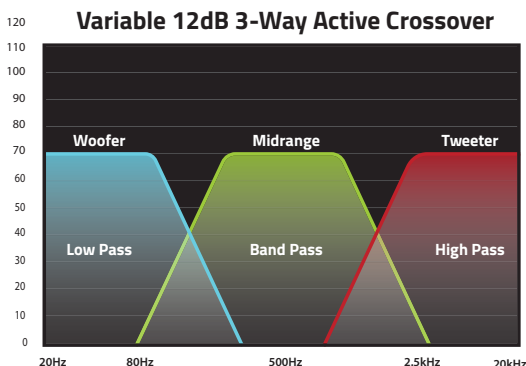


**CHASSIS HEAT
MANAGEMENT**

FULL RANGE MONO AMPLIFIERS

Amplifiers	Internal Circuitry	4Ω @ 14.4 Volts	2Ω @ 14.4 Volts	1Ω @ 14.4 Volts	Master Carton
EX1K	Class D Monoblock	1 x 250 Watts	1 x 500 Watts	1 x 1000 Watts	5
EX2K	Class D Monoblock	1 x 500 Watts	1 x 1000 Watts	1 x 2000 Watts	5
EX5K	Class D Monoblock	1 x 1250 Watts	1 x 2500 Watts	1 x 5000 Watts	3

SPECIFICATIONS



	EX1K	EX2K	EX5K
Working Voltage	10-16 Volts	10-16 Volts	10-16 Volts
Frequency Response	20 - 35kHz	20 - 35kHz	20 - 35kHz
Signal to Noise Ratio	<95dB	<95dB	<95dB
Damping Factor	150dB<	150dB<	150dB<
Low Level Input	6V - 0.2V	6V - 0.2V	6V - 0.2V
High Pass Filter Variable	20Hz - 8kHz	20Hz - 8kHz	20Hz - 8kHz
Low Pass Filter Variable	50Hz - 8kHz	50Hz - 8kHz	50Hz - 8kHz
Minimum working Impedance	1Ω	1Ω	1Ω
Dimensions	5.11" x 6.9" x 2.11"	5.90" x 6.9" x 2.11"	12.5" x 6.9" x 2.11"
	130 x 174.4 x 53.6 mm	150 x 174.4 x 53.6 mm	320 x 174.4 x 53.6 mm



XPERT™

A M P L I F I E R S



LIMITED
QUANTITIES

LIMITED
QUANTITIES



EX9.2
2 CHANNEL AMPLIFIER

EX4
4 CHANNEL AMPLIFIER



EX8.4
4 CHANNEL AMPLIFIER

EX4.5
5 CHANNEL AMPLIFIER

MULTI CHANNEL AMPLIFIERS

Amplifiers	Internal Circuitry	4Ω @ 14.4 Volts	2Ω @ 14.4 Volts	4Ω @ Bridged	Capability	Master Carton
EX9.2	Class D - 2 Channel	2 x 500 Watts	2 x 750 Watts	1 x 1500 Watts	2Ω Stereo/4Ω Mono	3
EX4	Class D - 4 Channel	4 x 200 Watts	4 x 400 Watts	2 x 350 Watts	2Ω Stereo	5
EX8.4	Class D - 4 Channel	4 x 400 Watts	4 x 800 Watts	2 x 1600 Watts	2Ω Stereo	3
EX4.5	Class D - 5 Channel	4 x 200 Watts +1 x 725 Watts	4 x 400 Watts +1 x 1000 Watts	-	2Ω Stereo	3

SPECIFICATIONS

	EX9.2	EX4	EX8.4	EX4.5
Working Voltage	10-16 Volts	10-16 Volts	10-16 Volts	10-16 Volts
Frequency Response	20 - 30KHz	20 - 30KHz	20 - 30KHz	20Hz - 30KHz (Ch 1-4) 10Hz - 5000Hz (Ch 5)
Signal to Noise Ratio	<62dB	<62dB	<88dB	<62dB
Damping Factor	100dB<	100dB<	101dB<	100dB<
Low Level Input	6V - 0.2V	6V - 0.2V	6V - 0.2V	6V - 0.2V
High Pass Filter Variable	20Hz - 5KHz	20Hz - 5KHz	20Hz - 5KHz	20Hz - 500Hz (Ch 1-4)
Low Pass Filter Variable	50Hz - 5KHz	50Hz - 5KHz	50Hz - 5KHz	20Hz - 500Hz (Ch 1-4) 50Hz - 500Hz (Ch 5)
Minimum working Impedance	2Ω Stereo / 4Ω Mono	2Ω Stereo	2Ω Stereo	2Ω
Dimensions	7.87" x 6.9" x 2.11" 200 x 174.4 x 53.6 mm	7.9" x 6.9" x 2.11" 200 x 174.4 x 53.6 mm	11.81" x 6.9" x 2.11" 300 x 174.4 x 53.6 mm	13" x 6.9" x 2.11" 330 x 174.4 x 53.6 mm

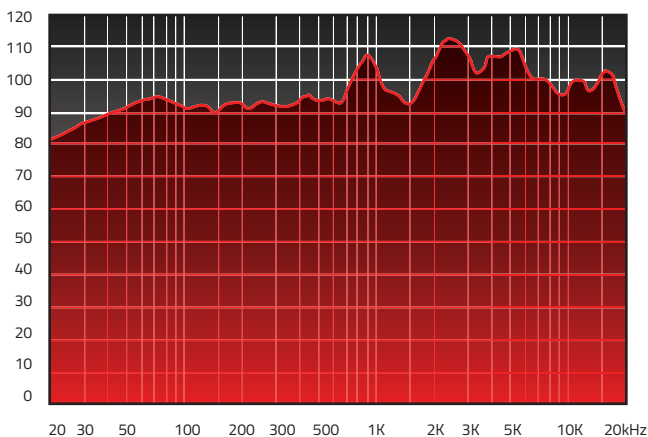
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NEO CARBON SERIES



- Neodymium Ring Magnet Assembly
- Rear Mounted Full Sized Compression Driver
- IP54 Rated Weather Resistant Carbon Fiber Cone
- Die-Cast Aluminum Basket with Radial Venting
- 1.4"(36mm) Polyester Tweeter Diaphragm
- Wide Dispersion Conical HF Waveguide
- 12dB Passive Crossover Included
- Protective Grills Included

Frequency Response



EX8NCD-CFXL

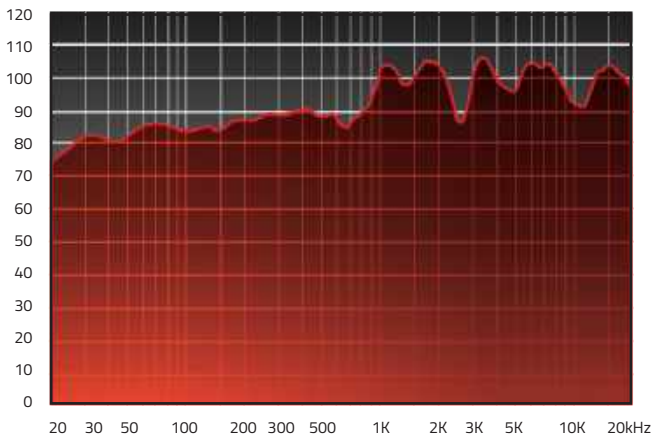
8" 2-WAY CARBON FIBER LOUDSPEAKER
WITH BACKLOADED COMPRESSION DRIVER

Nominal Basket Size	8.6" (219.7 mm)
Mounting Depth	4.57" (116.30 mm)
Cutout Diameter	7" (179.64 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber
Basket Type	Die-Cast Aluminum
Power Handling	650 W
Dynamic Wattage	1250 W
Frequency Response	50Hz - 20KHz
Sensitivity @ 1W/1M	89.2dB
Impedance	5.2Ω
Resonant Frequency (fs)	48.1Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	6.62
Electromagnetic Q (QES)	0.43
Total Q (QTS)	0.41
Compliance Volume (Vas)	21.0L
Mech Compliance of Suspension (CMS)	0.33 mm/N
Replacement Recone	EX8NCD-CFXL-MRC
Replacement Tweeter Diaphragm	EXNCD-RC
Master Carton	2
Sold As	Pair



- Neodymium Magnet Assembly
- Rear Mounted Full Sized Compression Driver
- IP54 Rated Weather Resistant Carbon Fiber Cone
- Die-Cast Aluminum Basket with Radial Venting
- 1.4"(36mm) Polyester Tweeter Diaphragm
- Wide Dispersion Conical HF Waveguide
- 12dB Passive Crossover Included
- Protective Grills Included

Frequency Response



EX6NCD-CF

**6.5" 2-WAY CARBON FIBER LOUDSPEAKER
WITH BACKLOADED COMPRESSION DRIVER**

Nominal Basket Size	6.5" (165.1 mm)
Mounting Depth	3.51" (86.64 mm)
Cutout Diameter	5.75" (146 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber
Basket Type	Die-Cast Aluminum
Power Handling	400 W
Dynamic Wattage	800 W
Frequency Response	60Hz - 20KHz
Sensitivity @ 1W/1M	105.7 dB
Impedance	5.2Ω
Resonant Frequency (fs)	61.2Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	4.82
Electromagnetic Q (QES)	0.32
Total Q (QTS)	0.30
Compliance Volume (Vas)	6.3L
Mech Compliance of Suspension (CMS)	0.28 mm/N
Replacement Recone	EX6NCD-CF-MRC
Replacement Tweeter Diaphragm	EXNCD-RC
Master Carton	2
Sold As	Pair

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NEO CARBON SERIES

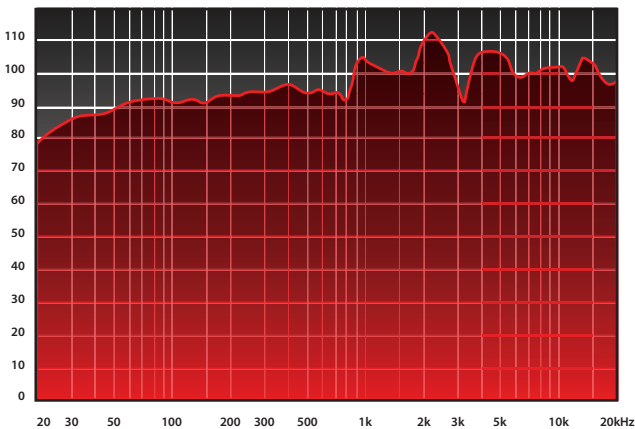


- Neodymium Ring Magnet Assembly
- Rear Mounted Full Sized Compression Driver
- IP54 Rated Weather Resistant Carbon Fiber Cone
- Die-Cast Aluminum Basket with Radial Venting
- 1.4" (36mm) Polyester Tweeter Diaphragm
- Wide Dispersion Conical HF Waveguide
- 12dB Passive Crossover Included
- Protective Grills Included

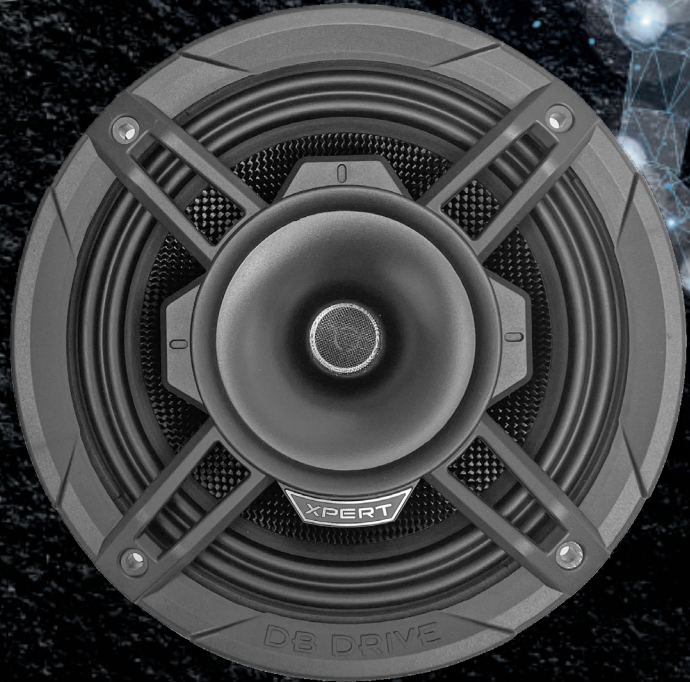
EX8NCD-CF

8" 2-WAY CARBON FIBER LOUDSPEAKER
WITH BACKLOADED COMPRESSION DRIVER

Frequency Response



Nominal Basket Size	8" (203.2 mm)
Mounting Depth	4.30" (109.47 mm)
Cutout Diameter	7" (179.64 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber
Basket Type	Die-Cast Aluminum
Power Handling	450 W
Dynamic Wattage	900 W
Frequency Response	50Hz - 20KHz
Sensitivity @ 1W/1M	105.7 dB
Impedance	4Ω
Resonant Frequency (fs)	66.2Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	6.16
Electromagnetic Q (QES)	0.47
Total Q (QTS)	0.44
Compliance Volume (Vas)	18.1L
Mech Compliance of Suspension (CMS)	0.27 mm/N
Replacement Recone	EX8NCD-CF-MRC
Replacement Tweeter Diaphragm	EXNCD-RC
Master Carton	2
Sold As	Pair



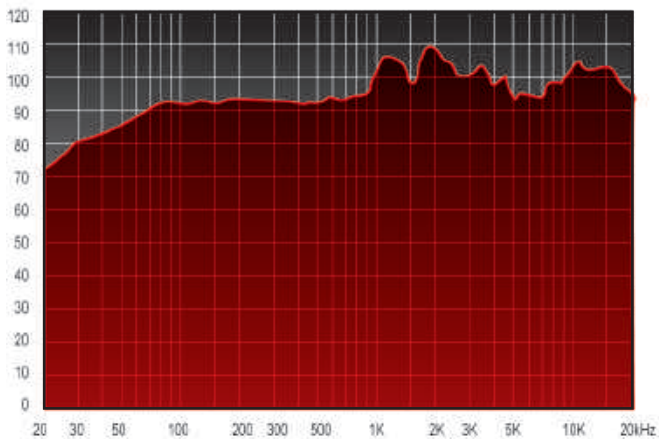
- 2.0" (51mm) Midrange Voice Coil
- Neodymium Ring Magnet Assembly
- Rear Mounted Full Sized Compression Driver
- IP54 Rated Weather Resistant Carbon Fiber Cone with Rubber Surround
- Heavy Gauge Steel Stamped Basket
- 1.4"(36mm) Polyester Tweeter Diaphragm
- Wide Dispersion Conical HF Waveguide
- 12dB Passive Crossover Included
- Protective Grills Included

EX8SNCD-CF

**8" 2-WAY CARBON FIBER LOUDSPEAKER
WITH BACKLOADED COMPRESSION DRIVER**

Nominal Basket Size	8.6" (219.94 mm)
Mounting Depth	4.2" (107.38 mm)
Cutout Diameter	7" (180.04 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber
Basket Type	Heavy Gauge Steel
Power Handling	450 W
Dynamic Wattage	900 W
Frequency Response	50Hz - 20KHz
Sensitivity @ 1W/1M	86.2dB
Impedance	5.2Ω
Resonant Frequency (fs)	76.2Hz
DC resistance (Re)	3.0Ω
Mechanical Q (QMS)	8.87
Electromagnetic Q (QES)	0.68
Total Q (QTS)	0.63
Compliance Volume (Vas)	8.4L
Mech Compliance of Suspension (CMS)	0.13 mm/N
Master Carton	2
Sold As	Pair

Frequency Response



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NEO CARBON SERIES

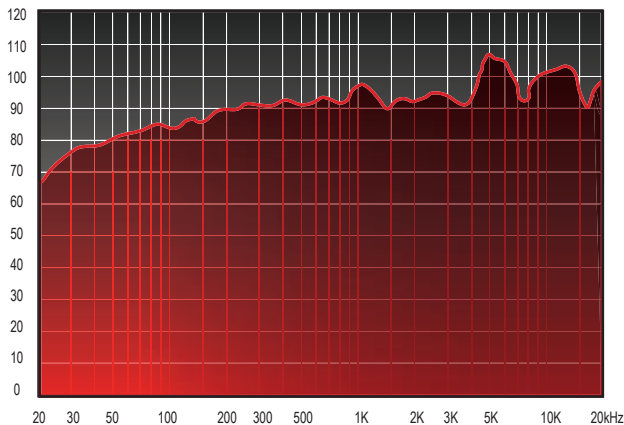


- 1.5" (38.1mm) Midrange voice coil
- High-intensity NEO ring magnet
- IP65-rated weather resistant Carbon fiber cone
- Cloth surround
- Stamped steel basket
- Wide dispersion 1" aluminum dome tweeter
- Protective grills included

EX6NPS-CF

6.5" POINT SOURCE NEO
CARBON FIBER LOUDSPEAKER

Frequency Response



Nominal Basket Size	6.9" (173.5 mm)
Mounting Depth	2.8" (71.2 mm)
Cutout Diameter	5.78" (147 mm)
Voice Coil Diameter	1.5" (38.1 mm)
Cone Material	Carbon Fiber
Cone Edge	Treated Cloth
Basket Type	Die-Cast Aluminum
Power Handling	225 W
Dynamic Wattage	450 W
Frequency Response	82.9Hz - 19kHz
Sensitivity @ 1W/1M	90.6 dB
Impedance	4Ω
Resonant Frequency (fs)	82.9Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	7.03
Electromagnetic Q (QES)	0.38
Total Q (QTS)	0.36
Compliance Volume (Vas)	5.0L
Mech Compliance of Suspension (CMS)	0.20 mm/N
Master Carton	4
Sold As	Pair



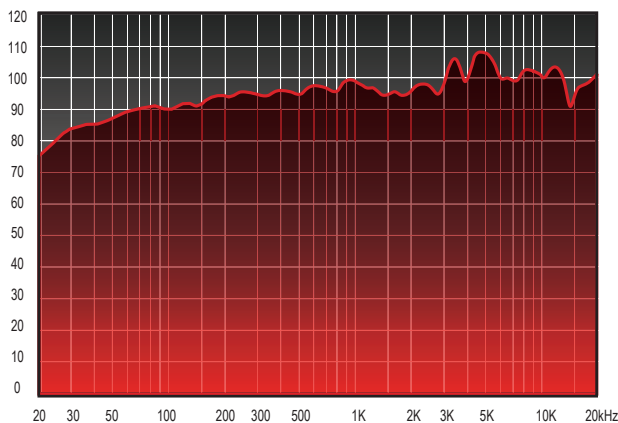
- 1.5" (38.1mm) Midrange voice coil
- High-intensity NEO ring magnet
- IP65-rated weather resistant Carbon fiber cone
- Cloth surround
- Stamped steel basket
- Wide dispersion 1" aluminum dome tweeter
- Protective grills included

EX8NPS-CF

8" POINT SOURCE NEO
CARBON FIBER LOUDSPEAKER

Nominal Basket Size	8.63" (219.45mm)
Mounting Depth	3.09" (78.5 mm)
Cutout Diameter	7.08" (180mm)
Voice Coil Diameter	1.5" (38.1 mm)
Cone Material	Carbon Fiber
Cone Edge	Treated Cloth
Basket Type	Stamped Steel
Power Handling	275 W
Dynamic Wattage	500 W
Frequency Response	80Hz - 19kHz
Sensitivity @ 1W/1M	92.3dB
Impedance	4Ω
Resonant Frequency (fs)	62.3Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	5.23
Electromagnetic Q (QES)	0.43
Total Q (QTS)	0.40
Compliance Volume (Vas)	19.6L
Mech Compliance of Suspension (CMS)	0.28 mm/N
Master Carton	4
Sold As	Pair

Frequency Response



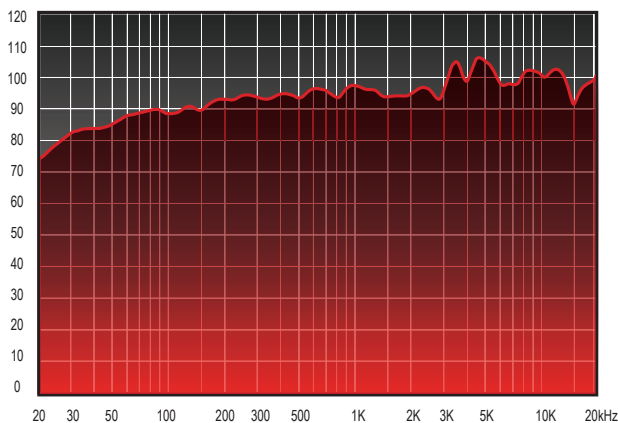
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NEO CARBON SERIES



- 1.5" (38.1mm) Midrange voice coil
- High-intensity NEO ring magnet
- IP65-rated weather resistant Carbon fiber cone
- Cloth surround
- Stamped steel basket
- Wide dispersion 1" aluminum dome tweeter
- Protective grills included

Frequency Response



EX69NPS-CF

6X9" POINT SOURCE NEO
CARBON FIBER LOUDSPEAKER

Nominal Basket Size	10.39x7.20" (264x183 mm)
Mounting Depth	3.18" (80.8 mm)
Cutout Diameter	8.66x6.45" (220x164 mm)
Voice Coil Diameter	1.5" (38.1 mm)
Cone Material	Carbon Fiber
Cone Edge	Treated Cloth
Basket Type	Stamped Steel
Power Handling	400 W
Dynamic Wattage	800 W
Frequency Response	77Hz - 19KHz
Sensitivity @ 1W/1M	92 dB
Impedance	4Ω
Resonant Frequency (fs)	68.8Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	9.95
Electromagnetic Q (QES)	0.44
Total Q (QTS)	0.42
Compliance Volume (Vas)	14.1L
Mech Compliance of Suspension (CMS)	0.20 mm/N
Master Carton	4
Sold As	Pair



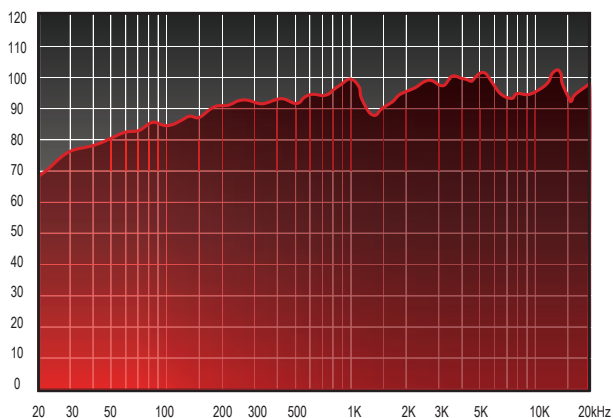
- 1.5" (38.1mm) Midrange voice coil
- High-intensity NEO ring magnet
- IP65-rated weather resistant Carbon fiber cone
- Cloth surround
- Stamped steel basket
- Wide dispersion 1" aluminum dome tweeter

EX57NPS-CF

5X7" POINT SOURCE NEO
CARBON FIBER LOUDSPEAKER

Nominal Basket Size	7.6"x5.47" (194x139 mm)
Mounting Depth	2.35" (59.9 mm)
Cutout Diameter	7.1"x5" (182x127 mm)
Voice Coil Diameter	1.5" (38.1 mm)
Cone Material	Carbon Fiber
Cone Edge	Treated Cloth
Basket Type	Stamped Steel
Power Handling	225 W
Dynamic Wattage	450 W
Frequency Response	81Hz - 19KHz
Sensitivity @ 1W/1M	93.3 dB
Impedance	4Ω
Resonant Frequency (fs)	90.9Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	8.87
Electromagnetic Q (QES)	0.37
Total Q (QTS)	0.35
Compliance Volume (Vas)	6.8L
Mech Compliance of Suspension (CMS)	0.22 mm/N
Master Carton	4
Sold As	Pair

Frequency Response



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XPERT NEO PAPER SERIES



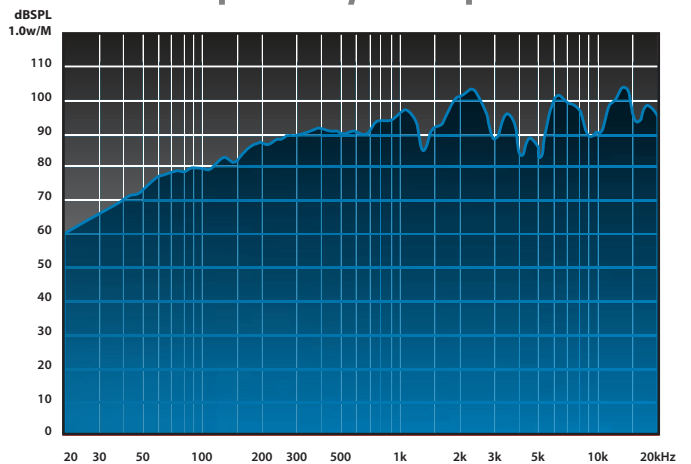
- PROTECTIVE GRILLS INCLUDED



EX6NCD

6.5" 2-WAY LOUDSPEAKER
WITH BACKLOADED COMPRESSION DRIVER

Frequency Response



2-WAY LOUDSPEAKERS

- **NEODYMIUM RING MAGNET ASSEMBLY**
- **REAR MOUNTED FULL SIZED COMPRESSION DRIVER**
- **IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND**
- **DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING**
- **1.4" (36MM) POLYESTER TWEETER DIAPHRAGM**
- **WIDE DISPERSION CONICAL HF WAVEGUIDE**
- **12DB PASSIVE CROSSOVER INCLUDED**

	EX6NCD	EX69NCD
Nominal Basket Size	6.5" (165.1 mm)	6.5" x 9.25" (165mm x 234.95mm)
Mounting Depth	3.41" (86.64 mm)	4.18" (106.17 mm)
Cutout Diameter	5.75" (146 mm)	5.81" x 8.56" (147.57mm x 217.42mm)
Voice Coil Diameter	2" (51mm)	2" (51mm)
Cone Material	Paper	Paper
Cone Edge	Cloth	Cloth
Basket Type	Die-Cast Aluminum	Die-Cast Aluminum
Power Handling	400 W	500 W
Dynamic Wattage	800 W	1000 W
Frequency Response	80Hz - 20KHz	75Hz - 20KHz
Sensitivity @ 1W/1M	105.7dB	93.4dB
Impedance	5.2Ω	5.2Ω
Resonant Frequency (fs)	14.1Hz	78.1Hz
DC resistance (Re)	20.2Ω	3.2Ω
Mechanical Q (QMS)	8.01	10.75
Electromagnetic Q (QES)	0.35	0.35
Total Q (QTS)	0.34	0.34
Compliance Volume (Vas)	1.7L	10.6L
Mech Compliance of Suspension (CMS)	0.16 mm/N	0.15 mm/N
Replacement Recone	EX6NCD-MRC	EX69NCD-MRC
Replacement Tweeter Diaphragm	EXNCD-RC	EXNCD-RC
Master Carton	2	2
Sold As	Pair	Pair



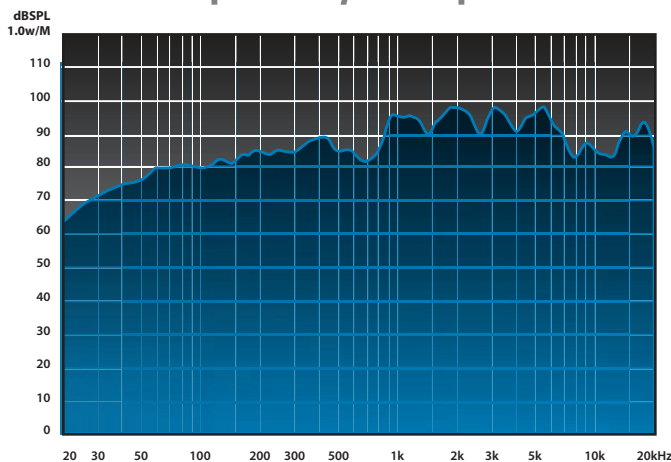
EX69NCD

6.5" 2-WAY LOUDSPEAKER

WITH BACKLOADED COMPRESSION DRIVER

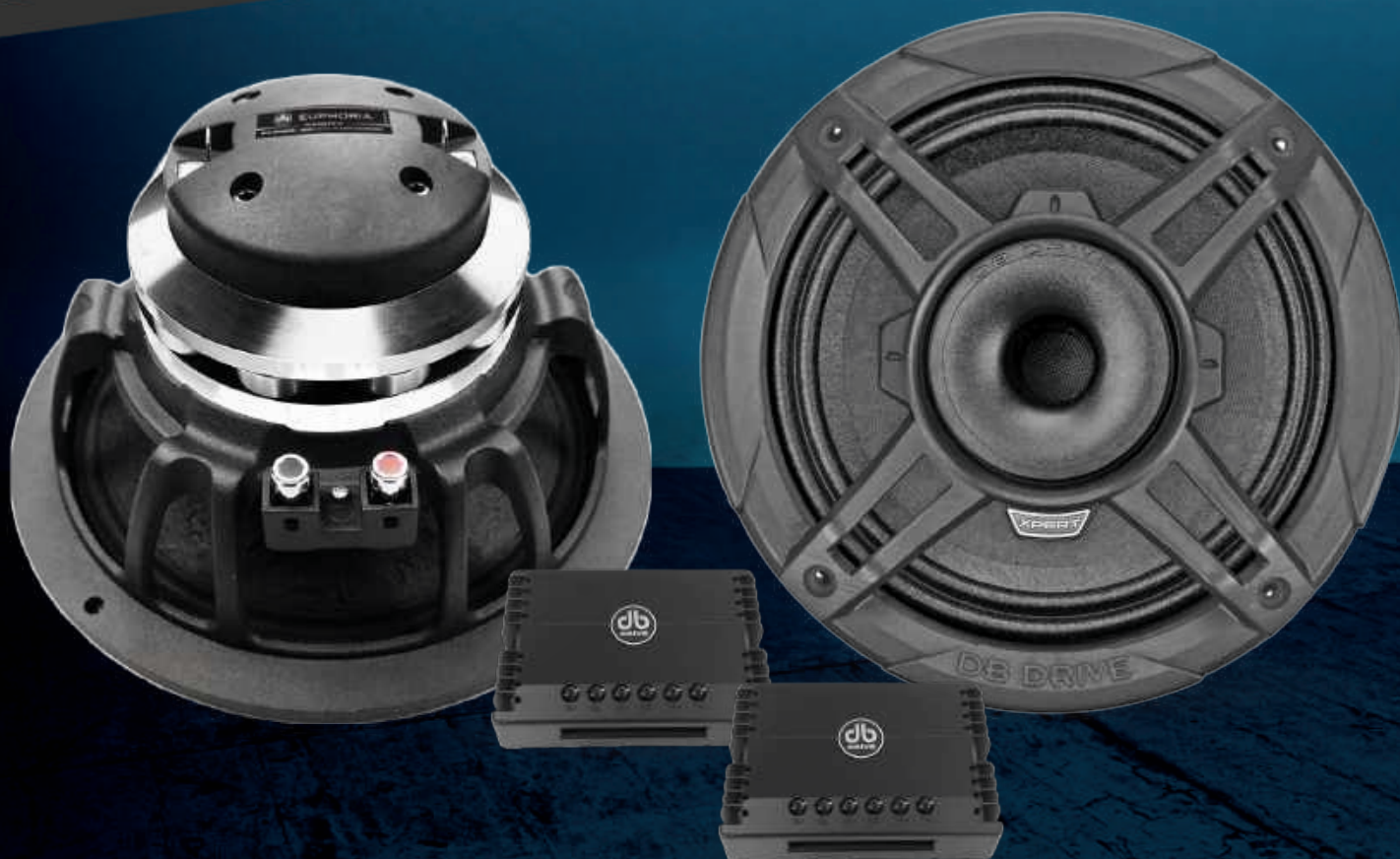
Contact us: 877-787-0101

Frequency Response



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XPERT NEO PAPER SERIES



- PROTECTIVE GRILLS INCLUDED

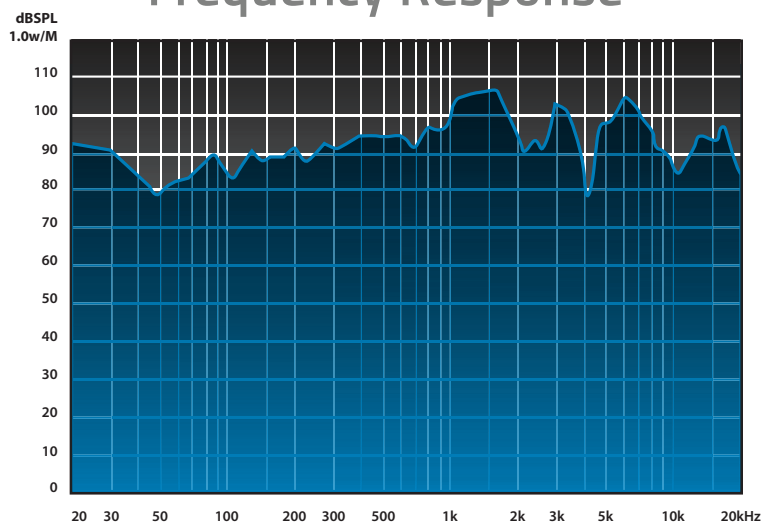


EX8NCD

8" 2-WAY LOUDSPEAKER

WITH BACKLOADED COMPRESSION DRIVER

Frequency Response



2-WAY LOUDSPEAKERS

- NEODYMIUM RING MAGNET ASSEMBLY
- REAR MOUNTED FULL SIZED COMPRESSION DRIVER
- IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND
- DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING
- 1.4" (36MM) POLYESTER TWEETER DIAPHRAGM
- WIDE DISPERSION CONICAL HF WAVEGUIDE
- 12DB PASSIVE CROSSOVER INCLUDED

	EX8NCD	EX10NCD
Nominal Basket Size	8" (203.2 mm)	10" (254 mm)
Mounting Depth	4.30" (109.47 mm)	4.68" (118.98 mm)
Cutout Diameter	7.07" (179.64 mm)	9" (230 mm)
Voice Coil Diameter	2" (51mm)	2.5" (63.5mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Die Cast	Die-Cast Aluminum
Power Handling	450 W	500 W
Dynamic Wattage	900 W	1000 W
Frequency Response	75Hz - 20KHz	70Hz - 20KHz
Sensitivity @ 1W/1M	105.4dB	106.1 dB
Impedance	5.2Ω	5.2Ω
Resonant Frequency (fs)	79.7Hz	54.8Hz
DC resistance (Re)	3.2Ω	3.3Ω
Mechanical Q (QMS)	8.24	7.18
Electromagnetic Q (QES)	0.43	0.41
Total Q (QTS)	0.41	0.39
Compliance Volume (Vas)	16.3L	46.9L
Mech Compliance of Suspension (CMS)	0.25 mm/N	0.27 mm/N
Replacement Recone	EX8NCD-MRC	EX10NCD-MRC
Replacement Tweeter Diaphragm	EXNCD RC	EXNCD RC
Master Carton	2	2
Sold As	Pair	Pair

PROTECTIVE GRILLS
INCLUDED



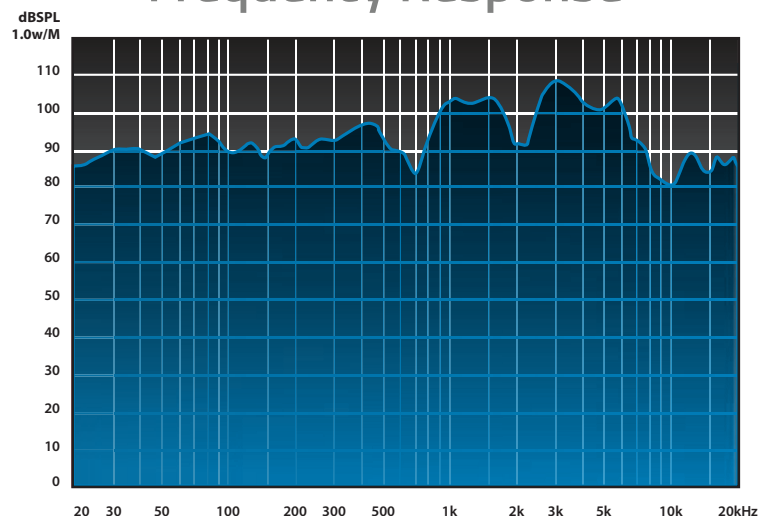
EX10NCD

10" 2-WAY LOUDSPEAKER

WITH BACKLOADED COMPRESSION DRIVER

Contact us: 877-787-0101

Frequency Response



XPERT™

XPERT NEO PAPER SERIES



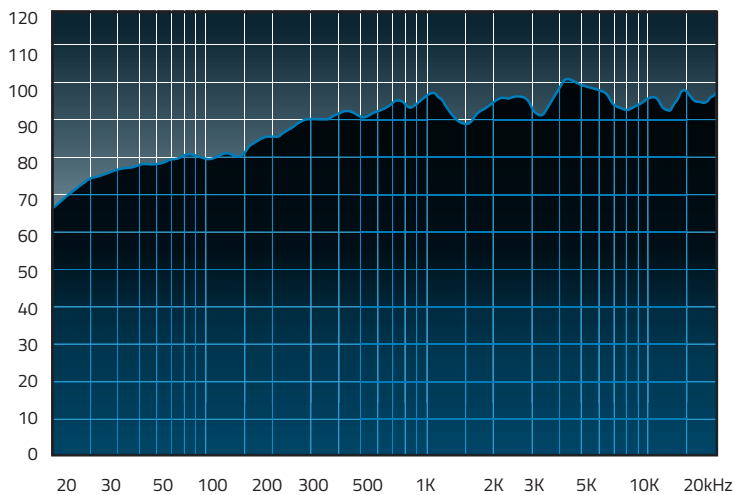
- PROTECTIVE GRILLS INCLUDED



EX6NCX

6.5" NEODYMIUM SERIES
2-WAY LOUDSPEAKER

Frequency Response



NEODYMIUM 2-WAY LOUDSPEAKERS

- 1.5" (38.1MM) MIDRANGE VOICE COIL
- NEODYMIUM RING MAGNET ASSEMBLY
- P52 RATED WEATHER RESISTANT PAPER CONE WITH CLOTH SURROUND
- DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING
- WIDE DISPERSION 1.25" (28MM) ALUMINUM DOME TWEETER

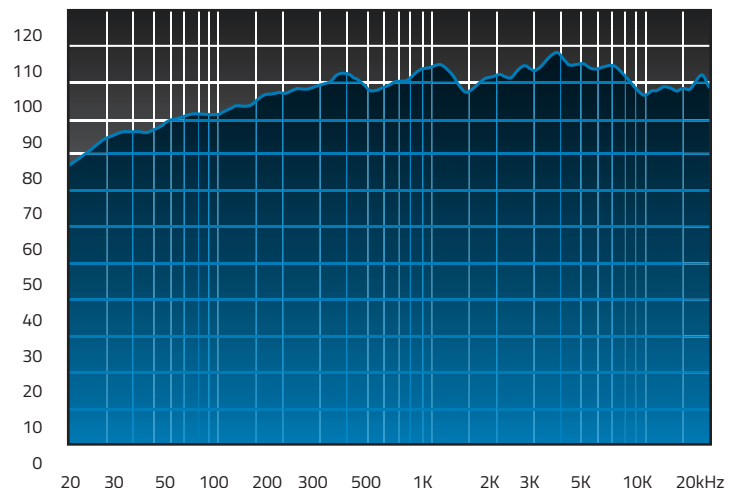
	EX6NCX	EX69NCX
Nominal Basket Size	6.5" (165.1 mm)	6.5" x 9.25" (165mm x 234.95mm)
Mounting Depth	2.48" (63 mm)	3.31" (84.10 mm)
Cutout Diameter	5.67" (144 mm)	5.81" x 8.56" (147.57mm x 217.42mm)
Voice Coil Diameter	1.5" (38.1mm)	1.5" (38.1mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Die-Cast Aluminum	Die-Cast Aluminum
Power Handling	225 W	400 W
Dynamic Wattage	450 W	800 W
Frequency Response	85Hz - 19KHz	65Hz - 19KHz
Sensitivity @ 1W/1M	97.6 dB	96.5dB
Impedance	4Ω	4Ω
Resonant Frequency (fs)	104.9Hz	92.1Hz
DC resistance (Re)	3.2Ω	3.2Ω
Mechanical Q (QMS)	6.39	5.78
Electromagnetic Q (QES)	0.24	0.33
Total Q (QTS)	0.23	0.31
Compliance Volume (Vas)	7.9L	12.2L
Mech Compliance of Suspension (CMS)	0.28 mm/N	0.18 mm/N
Replacement Recone	EX6NCX-RC	EX69NCX-RC
Replacement Tweeter Diaphragm	EXNCD-RC	EXNCD-RC
Master Carton	4	2
Sold As	Pair	Pair



EX69NCX

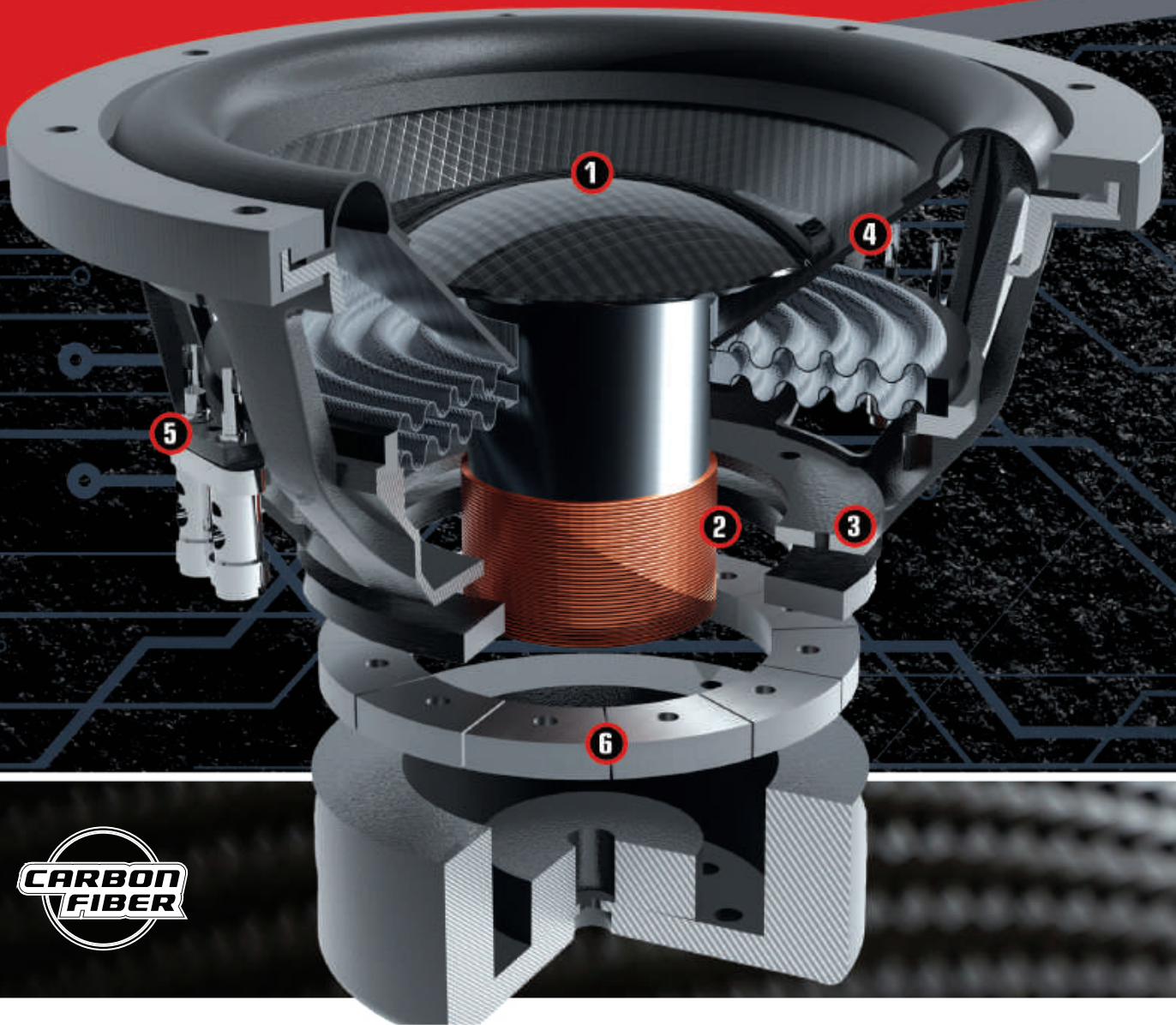
6" X 9" NEODYMIUM SERIES
2-WAY LOUDSPEAKER

Frequency Response



XPER™

NEO SUBWOOFERS



	EXW8NCF	EXW10NCF
Outside Diameter	8.76 (222.56 mm)	10.98" (278.98 mm)
Mounting Depth	5.41" (137.5 mm)	6.25" (159.30 mm)
Cutout Diameter	7.17" (182.31 mm)	9.16" (232.86 mm)
Voice Coil Diameter	2" (51 mm)	2.5" (63.5 mm)
Cone Material	Carbon Fiber	Carbon Fiber
Cone Edge	Rubber Surround	Rubber Surround
Basket Type	Die-Cast Aluminum	Die-Cast Aluminum
Power Handling	1000 W	1250 W
Dynamic Wattage	2000 W	2500 W
Resonant Frequency	52Hz	42.81Hz
Sensitivity @ 1W/1M	82.1dB	82.2dB
Impedance	3.6Ω + 3.6Ω	3.6Ω + 3.6Ω
Master Carton	2	2
Sold As	Single	Single



RECOMMENDED AIR SPACE

	EXW8NCF	EXW10NCF
Sealed Box	0.44 cuft. (12.45L)	0.70 cuft. (19.82 L)
Vented Box	0.86 cuft. (24.35L)	0.96 cuft. (27.18 L)
Vent Area	8.29 sq in (53.48 cm ²)	10 sq in (64.51 cm ²)
Vent Length	20 in (50cm)	24 in (61cm)
Tuning	36Hz	35Hz

NEO CARBON FIBER SUBWOOFERS

- 1 CARBON FIBER CONE
- 2 2" DUAL 4 OHM VOICE COIL
- 3 DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING
- 4 WEATHER RESISTANT CONE & SURROUND
- 5 LARGE GAUGE COMPRESSION TERMINALS
- 6 NEODYMIUM RADIAL MAGNET MOTOR
- 7 PROTECTIVE PVC GASKET



EXW8NCF

8" NEO CARBON FIBER SUBWOOFER



EXW10NCF

10" NEO CARBON FIBER SUBWOOFER

XPERT™

XPERT NEO MIDBASS

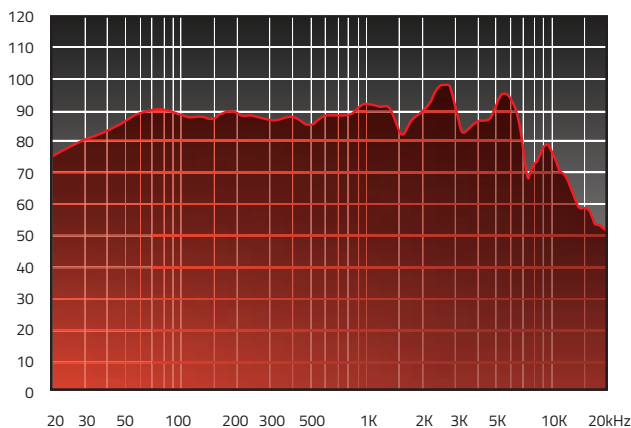


- Neodymium Radially Equalized Magnet Assembly
- IP52 Rated Carbon fiber Cone with Treated Rubber Surround
- Die-Cast Aluminum Basket with Radial Venting

EX10NMB-CFXL

10" NEO CARBON FIBER MID-BASS SPEAKER

Frequency Response



Nominal Basket Size	10.64" (270.5 mm)
Mounting Depth	4.78" (121.5 mm)
Cutout Diameter	9.29" (236.2 mm)
Voice Coil Diameter	3" (76.2 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber Surround
Basket Type	Die-Cast Aluminum
Power Handling	800W
Dynamic Wattage	1600W
Frequency Response	45Hz - 6000Hz
Sensitivity @ 1W/1M	92dB
Impedance	3Ω
Resonant Frequency (fs)	41Hz
DC resistance (Re)	3Ω
Mechanical Q (QMS)	5.49
Electromagnetic Q (QES)	0.88
Total Q (QTS)	0.76
Compliance Volume (Vas)	14.1L
Mech Compliance of Suspension (CMS)	0.09 mm/N
Replacement Recone	EX10NMB-CFXL-RC
Master Carton	2
Sold As	Single

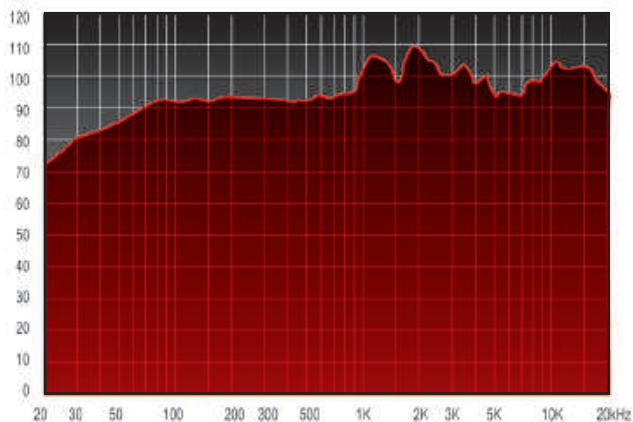


- Neodymium Radially Equalized Magnet Assembly
- IP52 Rated Carbon fiber Cone with Treated Rubber Surround
- Die-Cast Aluminum Basket with Radial Venting

EX8NMB-CF

8" NEO CARBON FIBER MID-BASS SPEAKER

Frequency Response



Nominal Basket Size	8.6" (219.94 mm)
Mounting Depth	3.77" (96 mm)
Cutout Diameter	7" (180.32 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber Surround
Basket Type	Die-Cast
Power Handling	300 W
Dynamic Wattage	600 W
Frequency Response	48Hz - 20KHz
Sensitivity @ 1W/1M	92dB
Impedance	3Ω
Resonant Frequency (fs)	64 Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	5.65
Electromagnetic Q (QES)	0.69
Total Q (QTS)	0.61
Compliance Volume (Vas)	8.4L
Mech Compliance of Suspension (CMS)	0.13 mm/N
Master Carton	4
Sold As	Single

XPERT™

XPERT NEO MIDBASS



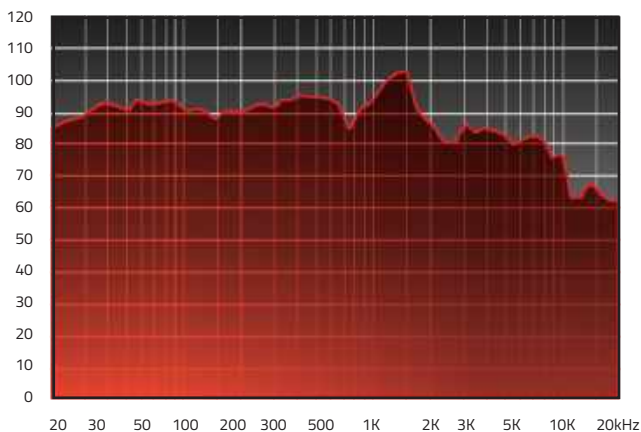
- Neodymium 12 Piece Radially Equalized Magnet Assembly
- IP52 Rated Paper Cone with Treated Rubber Surround
- Die-Cast Aluminum Basket with Radial Venting

EX10NMB

10" NEODYMIUM MID-BASS DRIVER

Nominal Basket Size	10" (254 mm)
Mounting Depth	4.27" (108.5 mm)
Cutout Diameter	9" (230 mm)
Voice Coil Diameter	2.5" (63.5mm)
Cone Material	Paper
Cone Edge	Rubber Surround
Basket Type	Die-Cast Aluminum
Power Handling	400 W
Dynamic Wattage	800 W
Frequency Response	45Hz - 2000Khz
Sensitivity @ 1W/1M	92dB
Impedance	3Ω
Resonant Frequency (fs)	40Hz
DC resistance (Re)	3Ω
Mechanical Q (QMS)	2.913
Electromagnetic Q (QES)	0.485
Total Q (QTS)	0.416
Compliance Volume (Vas)	25.94 L
Mech Compliance of Suspension (CMS)	167.735 mm/N
Replacement Recone	EX10NMB-MRC
Replacement Tweeter Diaphragm	EX10NMB RC
Master Carton	4
Sold As	Single

Frequency Response





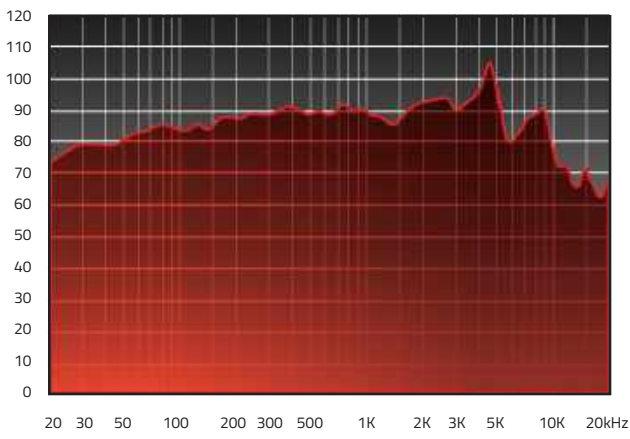
MID-RANGE

- Neodymium 10 Piece Radially Equalized Magnet Assembly
- IP65 Rated Carbon fiber Cone with Treated Rubber Surround
- Die-Cast Aluminum Basket with Radial Venting

EXM6N-CF

6" NEO CARBON FIBER MID-RANGE SPEAKER

Frequency Response



Nominal Basket Size	6.5" (152.4 mm)
Mounting Depth	2.76" (70 mm)
Cutout Diameter	5.71" (145 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber Surround
Basket Type	Die-Cast Aluminum
Power Handling	200W
Dynamic Wattage	400W
Frequency Response	60Hz - 11KHz
Sensitivity @ 1W/1M	98.1dB
Impedance	4Ω
Resonant Frequency (fs)	61.2Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	4.82
Electromagnetic Q (QES)	0.32
Total Q (QTS)	0.30
Compliance Volume (Vas)	6.3L
Mech Compliance of Suspension (CMS)	0.28 mm/N
Replacement Recone	EXM6N-CF RC
Master Carton	6
Sold As	Single

Contact us: 877-787-0101

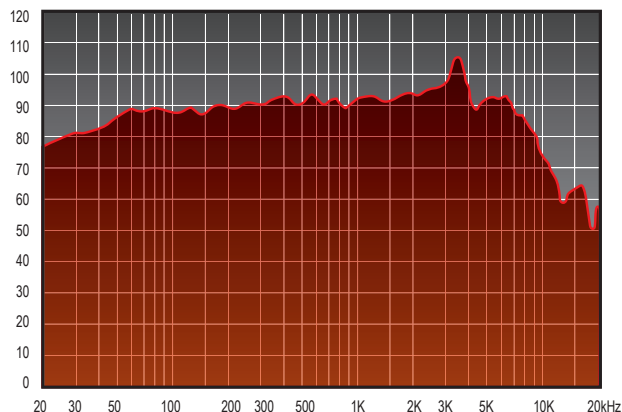
XPERT™

XPERT NEO MID-RANGE



- Neodymium Radially Equalized Magnet Assembly
- IP65 Rated Carbon fiber Cone with Treated Rubber Surround
- Die-Cast Aluminum Basket with Radial Venting

Frequency Response



EXM8N-CF

8" NEO CARBON FIBER MID-RANGE SPEAKER

Nominal Basket Size	8" (203.2 mm)
Mounting Depth	3.46" (88 mm)
Cutout Diameter	7.09" (180 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber Surround
Basket Type	Die-Cast Aluminum
Power Handling	300 W*
Dynamic Wattage	600 W
Frequency Response	50Hz - 12KHz
Sensitivity @ 1W/1M	99.7dB
Impedance	4Ω
Resonant Frequency (fs)	51.4Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	7.53
Electromagnetic Q (QES)	0.39
Total Q (QTS)	0.37
Compliance Volume (Vas)	18.2L
Mech Compliance of Suspension (CMS)	0.27 mm/N
Replacement Recone	EXM8N-CF RC
Master Carton	4
Sold As	Single

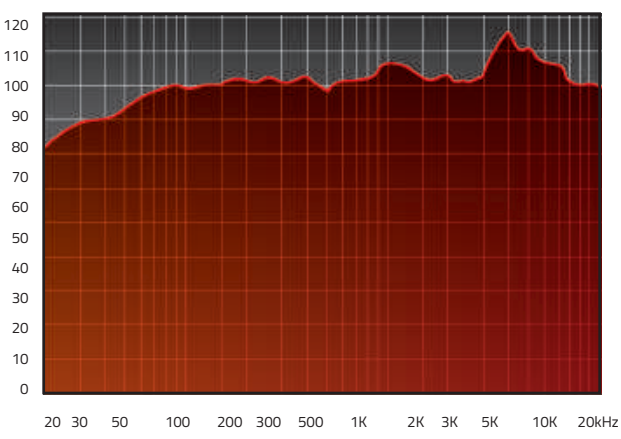


- 2" (51 mm) Midrange Voice Coil
- 10 Neodymium Ring Magnet Assembly
- IP65 Rated Weather Resistant Carbon Fiber Cone with Rubber Surround
- Heavy Gauge Stamped Steel Basket

EXM8SN-CF

8" NEO CARBON FIBER MID-RANGE SPEAKER

Frequency Response



Nominal Basket Size	8" (203.2 mm)
Mounting Depth	3.43" (87 mm)
Cutout Diameter	7.13" (181 mm)
Voice Coil Diameter	2" (51 mm)
Cone Material	Carbon Fiber
Cone Edge	Rubber Surround
Basket Type	Steel Stamped
Power Handling	300 W*
Dynamic Wattage	600 W
Frequency Response	50Hz - 12KHz
Sensitivity @ 1W/1M	99.7dB
Impedance	4Ω
Resonant Frequency (fs)	74.4Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	8.81
Electromagnetic Q (QES)	0.54
Total Q (QTS)	0.51
Compliance Volume (Vas)	8.0L
Mech Compliance of Suspension (CMS)	0.13 mm/N
Master Carton	4
Sold As	Single

XPERT™

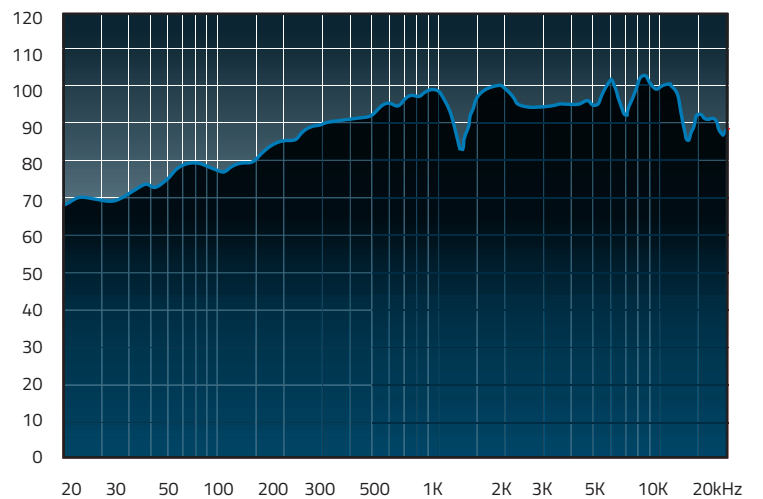
XPERT NEO MID-RANGE



EXM5N

5.25" NEODYMIUM SERIES
MID-RANGE

Frequency Response



NEODYMIUM SERIES

MID-RANGE SPEAKERS

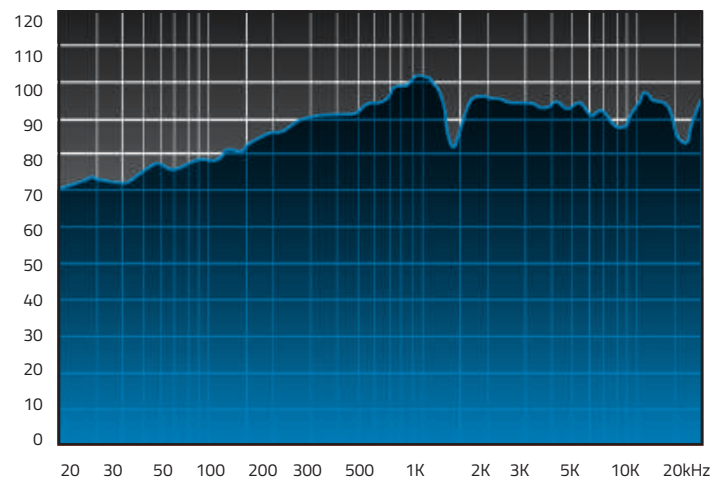
- NEODYMIUM RADIALLY EQUALIZED MAGNET ASSEMBLY
- IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND
- DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING

	EXM5N	EXM6N
Nominal Basket Size	5.25" (165.1 mm)	6.5" (165.1 mm)
Mounting Depth	2.6" (66 mm)	2.76" (70 mm)
Cutout Diameter	4.65" (118 mm)	5.71" (145 mm)
Voice Coil Diameter	1.5" (38.1mm)	2" (51mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Die-Cast Aluminum	Die-Cast Aluminum
Power Handling	175 W	200 W
Dynamic Wattage	350 W	400 W
Frequency Response	145Hz - 8KHz	85Hz - 11KHz
Sensitivity @ 1W/1M	96.3 dB	98.1 dB
Impedance	4Ω	4Ω
Resonant Frequency (fs)	182.2Hz	110.2Hz
DC resistance (Re)	3Ω	3Ω
Mechanical Q (QMS)	9.42	5.9
Electromagnetic Q (QES)	0.45	0.36
Total Q (QTS)	0.43	0.32
Compliance Volume (Vas)	1.3Lv	4.6L
Mech Compliance of Suspension (CMS)	0.12 mm/N	0.19 mm/N
Replacement Tweeter Diaphragm	EXM5N RC	EXM6N RC
Master Carton	8	6
Sold As	Single	Single



EXM6N
6.5" NEODYMIUM SERIES
MID-RANGE

Frequency Response



XPERT™

XPERT NEO MID-RANGE

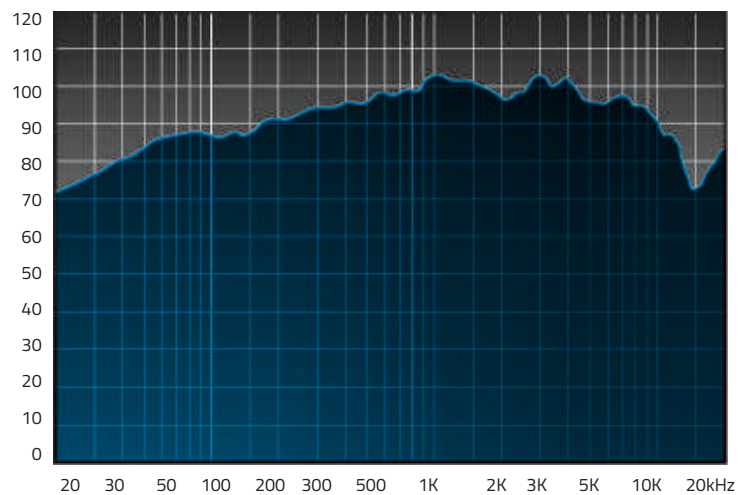


Frequency Response



EXM8N

8" NEODYMIUM SERIES
MID-RANGE



NEODYMIUM SERIES MID-RANGE SPEAKERS

- **NEODYMIUM RADIALLY EQUALIZED MAGNET ASSEMBLY**
- **IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND**
- **DIE-CAST ALUMINUM BASKET WITH RADIAL VENTING**

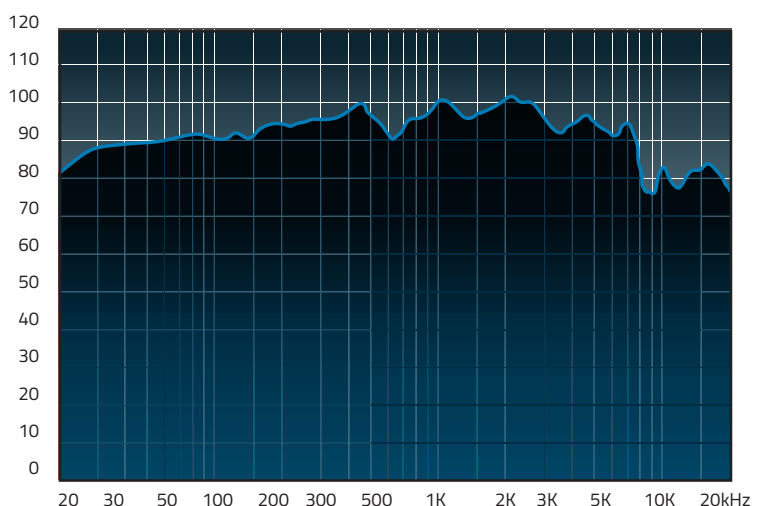
	EXM8N	EXM10N
Nominal Basket Size	8" (203.2 mm)	10" (254 mm)
Mounting Depth	3.46" (88 mm)	3.9" (99 mm)
Cutout Diameter	7.09" (180 mm)	9.06" (230 mm)
Voice Coil Diameter	2" (51 mm)	2.5" (63.5 mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Die-Cast Aluminum	Die-Cast Aluminum
Power Handling	300 W	400 W
Dynamic Wattage	600 W	800 W
Frequency Response	80Hz - 12KHz	75Hz - 12KHz
Sensitivity @ 1W/1M	99.7 dB	102.1 dB
Impedance	4Ω	4Ω
Resonant Frequency (fs)	71.3Hz	71.7Hz
DC resistance (Re)	3.2Ω	3.2Ω
Mechanical Q (QMS)	3.11	2.2
Electromagnetic Q (QES)	0.31	0.44
Total Q (QTS)	0.28	0.37
Compliance Volume (Vas)	24.8L	38.1L
Mech Compliance of Suspension (CMS)	0.37 mm/N	0.22 mm/N
Replacement Tweeter Diaphragm	EXM8N RC	EXM10N RC
Master Carton	4	4
Sold As	Single	Single



EXM10N

10" NEODYMIUM SERIES
MID-RANGE

Frequency Response



XPERT™

XPERT NEO MID-RANGE



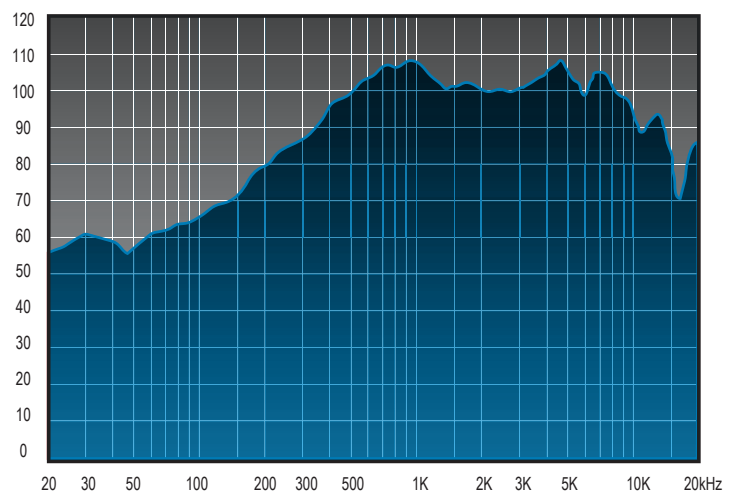
NEW
2023



EXM6NSB

6.5" NEODYMIUM SERIES
SEALED BACK MID-RANGE

Frequency Response



SEALED BACK MID-RANGE SPEAKERS

- RING EQUALIZED NEODYMIUM MAGNET ASSEMBLY
- IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND
- STAMPED STEEL BASKET

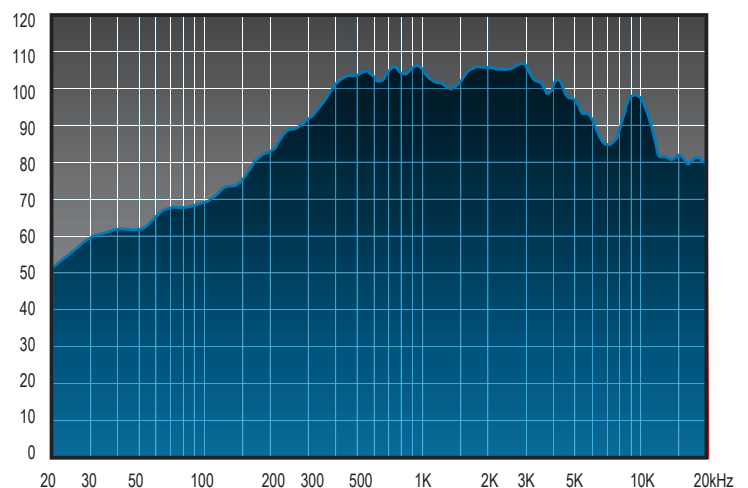
	EXM6NSB	EXM8NSB
Nominal Basket Size	6.49" (165 mm)	8.24" (209.50 mm)
Mounting Depth	2" (53 mm)	2.40" (61 mm)
Cutout Diameter	5.66" (144 mm)	7.04" (179 mm)
Voice Coil Diameter	1.5" (38.6 mm)	1.5" (38.6 mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Stamped Steel	Stamped Steel
Power Handling	200 W	225 W
Dynamic Wattage	400 W	450 W
Frequency Response	400Hz - 5KHz	375Hz - 4.8KHz
Sensitivity @ 1W/1M	97.3 dB	98.9 dB
Impedance	4Ω	4Ω
Resonant Frequency (fs)	629.7Hz	474.2Hz
DC resistance (Re)	3.2Ω	3.2Ω
Mechanical Q (QMS)	5.53	5.05
Electromagnetic Q (QES)	1.40	1.76
Total Q (QTS)	1.12	1.31
Compliance Volume (Vas)	0.0L	0.0L
Mech Compliance of Suspension (CMS)	0.00 mm/N	0.00 mm/N
Master Carton	6	4
Sold As	Single	Single



EXM8NSB

8" NEODYMIUM SERIES
SEALED BACK MID-RANGE

Frequency Response

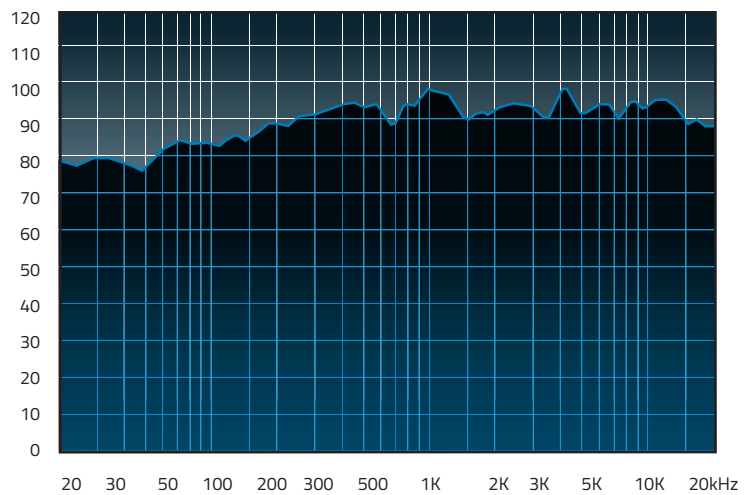


XPERT™

XPERT NEO MID-RANGE



Frequency Response



EXM65N

6.5" NEODYMIUM SERIES
MID-RANGE

NEODYMIUM SERIES MID-RANGE SPEAKERS

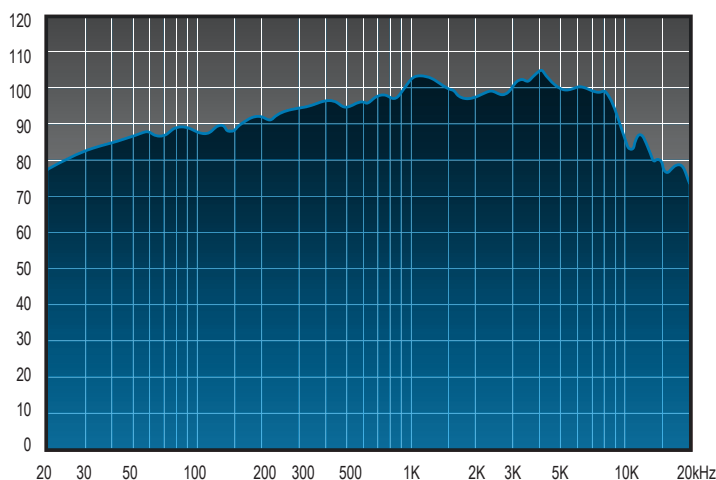
- NEODYMIUM RADIALLY EQUALIZED MAGNET ASSEMBLY
- IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND
- HEAVY GAUGE STAMPED STEEL BASKET

	EXM6SN	EXM8SN
Nominal Basket Size	6.5" (165.1 mm)	8" (203.2 mm)
Mounting Depth	2.85" (72.5 mm)	3.43" (87 mm)
Cutout Diameter	5.62" (143 mm)	7.13" (181 mm)
Voice Coil Diameter	2" (51 mm)	2" (51 mm)
Cone Material	Paper	Paper
Cone Edge	Treated Cloth	Treated Cloth
Basket Type	Stamped Steel	Stamped Steel
Power Handling	200 W	300 W
Dynamic Wattage	400 W	600 W
Frequency Response	85Hz - 11KHz	85Hz - 11KHz
Sensitivity @ 1W/1M	98.1 dB	99.6 dB
Impedance	4Ω	4Ω
Resonant Frequency (fs)	119.2 Hz	71.8Hz
DC resistance (Re)	3.2Ω	3.3Ω
Mechanical Q (QMS)	8.01	4.02
Electromagnetic Q (QES)	0.45	0.39
Total Q (QTS)	0.43	0.36
Compliance Volume (Vas)	2.9L	24.4L
Mech Compliance of Suspension (CMS)	0.12 mm/N	0.36 mm/N
Replacement Tweeter Diaphragm	EXM6SN RC	EXM8SN RC
Master Carton	6	4
Sold As	Single	Single



EXM8SN
8" NEODYMIUM SERIES
MID-RANGE

Frequency Response



XPERT™

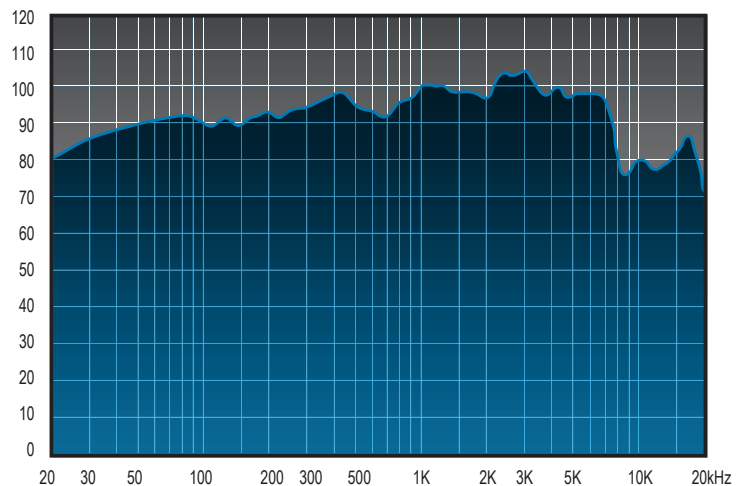
XPERT NEO MID-RANGE



EXM10SN

10" NEODYMIUM SERIES
MID-RANGE

Frequency Response



NEODYMIUM SERIES

MID-RANGE SPEAKER

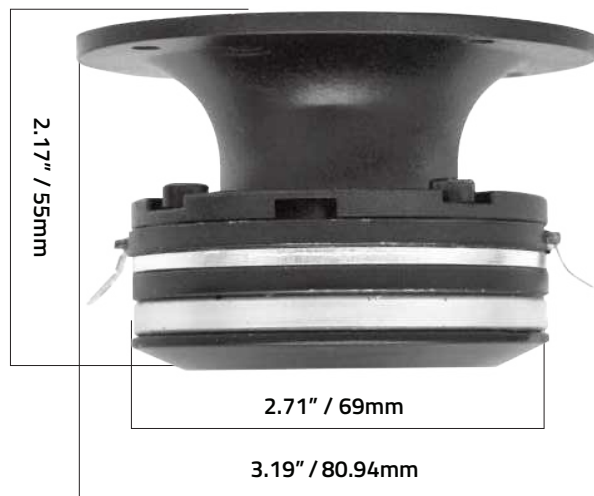
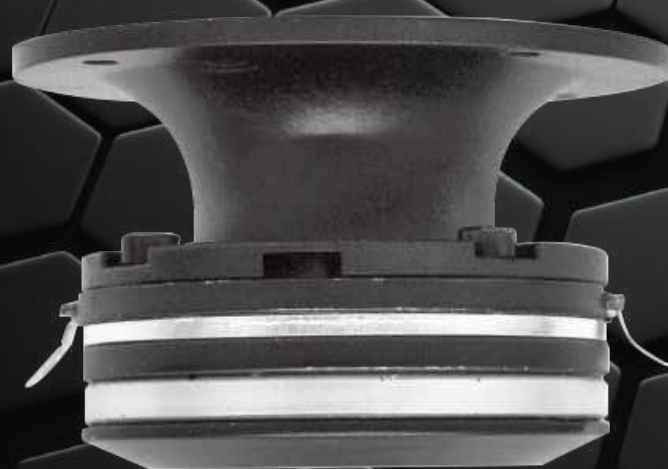
- NEODYMIUM RADIALLY EQUALIZED MAGNET ASSEMBLY
- IP52 RATED PAPER CONE WITH TREATED CLOTH SURROUND
- HEAVY GAUGE STAMPED STEEL BASKET

	EXM10SN
Nominal Basket Size	10" (254 mm)
Mounting Depth	4.57" (116 mm)
Cutout Diameter	9.29" (236 mm)
Voice Coil Diameter	2.5" (63.5 mm)
Cone Material	Paper
Cone Edge	Treated Cloth
Basket Type	Stamped Steel
Power Handling - AES	500 W
Dynamic Wattage	800 W
Frequency Response	75Hz - 12KHz
Sensitivity @ 1W/1M	101.8 dB
Impedance	4Ω
Resonant Frequency (fs)	49.4 Hz
DC resistance (Re)	3.2Ω
Mechanical Q (QMS)	2.68
Electromagnetic Q (QES)	0.36
Total Q (QTS)	0.32
Compliance Volume (Vas)	46.5L
Mech Compliance of Suspension (CMS)	0.27 mm/N
Replacement Tweeter Diaphragm	EXM10SN RC
Master Carton	4
Sold As	Single



XPERT™

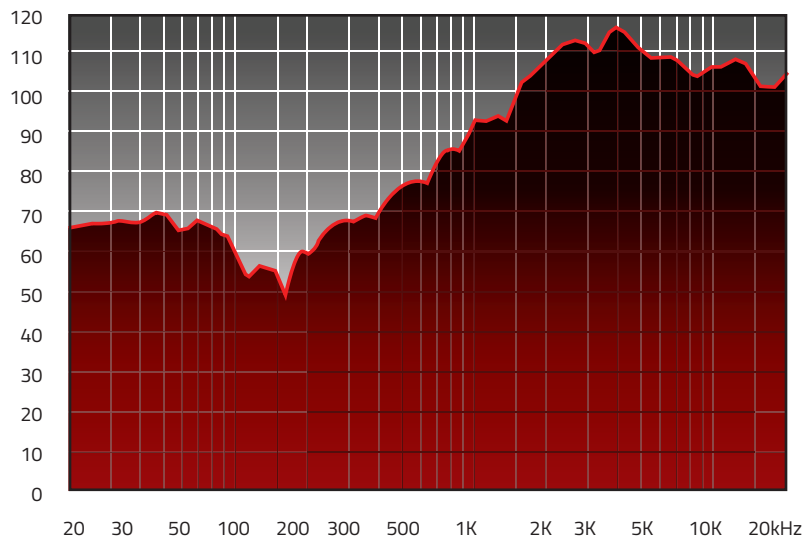
XPERT NEO TWEETERS



EXT1.5NH

1.5" HIGH OUTPUT XPERT NEO
SUPER TWEETER

Frequency Response



HIGH OUTPUT XPERT NEO SUPER TWEETERS

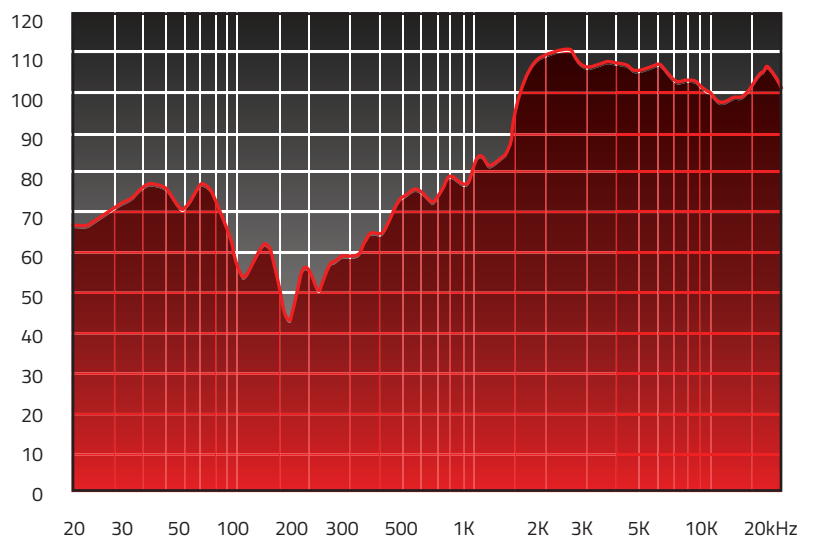
- NEODYMIUM MAGNET
- HIGH SENSITIVITY
- ALUMINUM DIE-CAST WAVEGUIDE CONSTRUCTION DESIGNED FOR WIDE DISPERSION APPLICATIONS

	EXT1.5NH	EXT1NH
Nominal Basket Size	3.19" (80.94 mm)	8" (203.2 mm)
Mounting Depth	1.8" (45 mm)	2.36" (60 mm)
Cutout Diameter	2.56" (65 mm)	2.16" (54 mm)
Voice Coil Diameter	1.5" (38.1 mm)	1" (25.4 mm)
Power Handling	85W	35 W
Dynamic Wattage	250 W	100 W
Sensitivity @ 1W/1M	106 dB	108 dB
Impedance	8Ω	8Ω
Replacement Tweeter Diaphragm	EXT1.5NH RC	EXT1NH RC
Master Carton	12	12
Sold As	Single	Pair



EXT1NH
1" HIGH OUTPUT XPERT NEO
SUPER TWEETER

Frequency Response



XPERT™

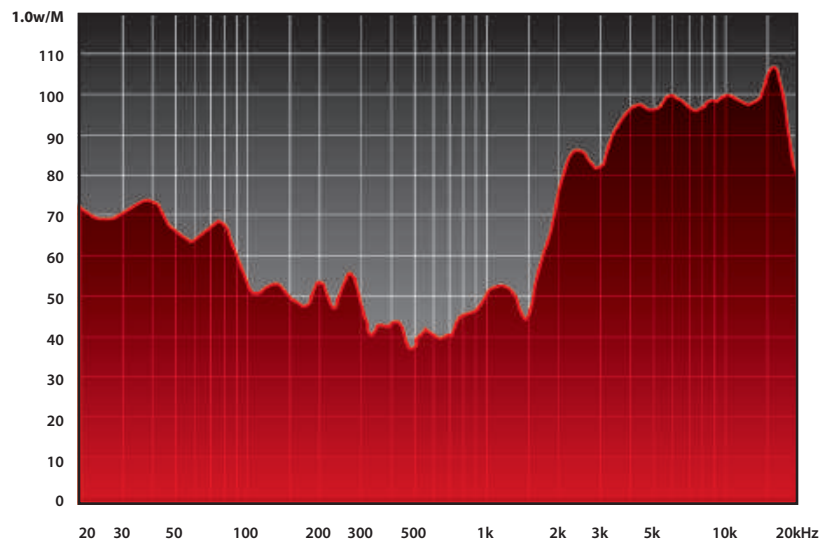
XPERT NEO TWEETERS



EXT1NB

1" HIGH OUTPUT
XPERT NEO TWEETER

Frequency Response



HIGH OUTPUT XPERT PHENOLIC NEO BULLET TWEETERS

- NEODYMIUM MAGNET
- HIGH SENSITIVITY
- ALUMINUM DIE-CAST CONSTRUCTION DESIGNED FOR EXTREME SPL OUTPUT

	EXT1NB	EXT2NB
Nominal Basket Size	2.28" (58 mm)	2.34" (59.6 mm)
Mounting Depth	2.51" (63.70 mm)	2.01" (51.1 mm)
Cutout Diameter	1.68" (42.6 mm)	2.16" (55 mm)
Voice Coil Diameter	1" (25.4 mm)	1" (25.4 mm)
Power Handling	55W	55W
Dynamic Wattage	125 W	125 W
Sensitivity @ 1W/1M	108 dB	108 dB
Impedance	4Ω	4Ω
Replacement Tweeter Diaphragm	EXT1NB RC	EXT2NB RC
Master Carton	24	24
Sold As	Single	Single

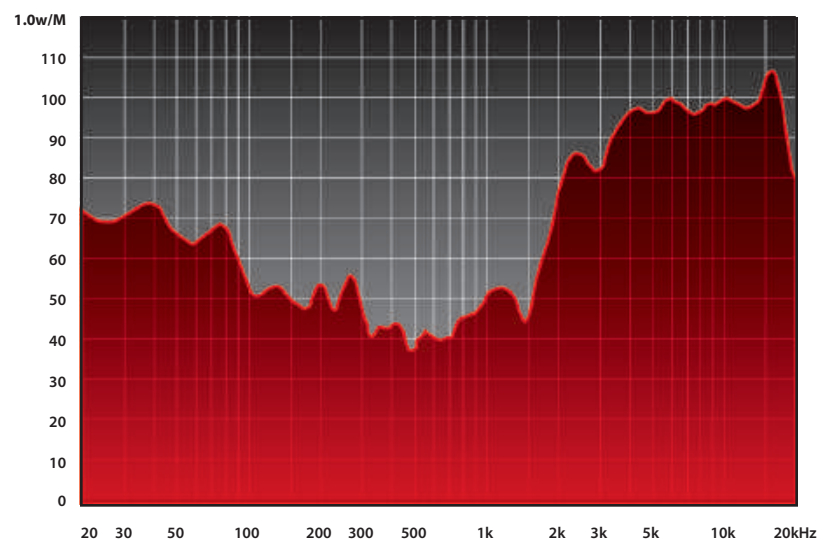


2.34" / 59.60mm

EXT2NB

1" HIGH OUTPUT XPERT PHENOLIC
NEO BULLET TWEETER

Frequency Response



EUPHORIA™

XPERT™

LOUDSPEAKERS & AMPLIFIERS



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