

Peerless Catalog 2013



NE Full Range

The NE family of full-range transducers has a leading-edge transducer technology packed in a cutting edge, stylistic design.

The NE full-range drivers feature an innovative cast aluminum basket design which minimizes acoustic reflections inside the driver, through large basket windows and sculpted basket spokes. The basket is also designed to act as a highly coupled heat sink to the NdFeB magnet motor, so as to improve power handling capacity. The cone is aluminum, with butyl rubber surround designed through FEA for linearity of performance. The voice coil bobbin is titanium, for improved performance. The FEA-designed motor features copper caps to minimize inductance and extend performance at high frequencies.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
NE65W-04	NE Full range, 2" (50 mm), alu cone, NdFeB motor, round die cast alu frame, 4 ohm	2	3.7	85.7	166	25.7	0.65	1.65	20
NE85W-04	NE Full range, 2.5" (65 mm), alu cone, NdFeB motor, round die cast alu frame, 4 ohm	2.5	3.7	84.8	105	25.7	0.64	1.75	20
NE95W-04	NE Full range, 3" (80 mm), alu cone, NdFeB motor, round die cast alu frame, 4 ohm	3	3.7	86.1	103	25.7	0.72	1.75	20

PLS Full Range

The PLS full-range family of drivers sets a high standard for compact full range drivers intended for applications such as television soundbars and compact music systems.

Design features in this family include a damped plastic basket with venting under the spider to aid cooling of the motor, a neodymium magnet motor with copper cap to lower coil inductance, providing low distortion at low frequencies and extended high frequency response. A black anodized aluminum cone is employed on the driver, along with a black anodized aluminum dust cap coupled directly to the voice coil. Additionally, the cones come equipped with designed large roll rubber surrounds which allow for a dynamic linear response to high excursion input signals. PLS full-range drivers encompassing ferrite magnet motor and stiff steel chassis are also available.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
PLS-P830985	PLS Full range, 2.5" (65 mm), alu cone, inverted surround, NdFeB motor, 4 ohm	2.5	3.6	84.6	117	25.7	0.63	1.65	10
PLS-P830983	PLS Full range, 2" (50mm), alu cone, NbFeB motor, 4 ohm	3.5	3.6	85	176	25.7	0.71	1.65	7
PLS-50F25AL01-04	PLS Full range, 2" (50mm), alu cone, steel basket, ferrite motor, 4 ohm	4	3.4	85.3	171	25.73	0.78	1.65	7

full range

Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
PLS-TPY02F04O0091	PLS Full range, 2" (50mm), alu cone, NdFeB motor, plastic basket, 4 ohm	4	3.2	86	140	25.73	0.55	1	8
PLS-P830985	PLS Full range, 2.5" (65mm), alu cone, inverted surround, NdFeb motor, 4 ohm	4	3.6	84.6	117	25.7	0.63	1.65	10
PLS-P830984	PLS Full range, 2.5" (65 mm), alu cone, NdFeB motor, 8 ohm	4	6.3	82.1	111	25.7	0.72	2.05	10
PLS-65F25AL02-08	PLS Full range, 2.5" (65 mm), alu cone, plastic gasket, steel basket, ferrite motor,8 Ohm	4	6.1	83.3	104	25.73	0.7	2.55	10
PLS-65F25AL04-04	PLS Full range, 2.5" (65 mm), alu cone, inverted surround , plastic gasket ,steel basket, ferrite motor, 4 Ohm	5.25	3.6	85.9	121	25.73	0.69	1.65	10
PLS-P830986	PLS Full range, 3" (80 mm), alu cone, NdFeB motor, 8 ohm	5.25	6.2	83.6	105	25.7	0.76	2.05	12
PLS-P830987	PLS Full range, 3" (80 mm), alu cone, inverted surround, NdFeB motor, 8 ohm	5.25	6.2	82.6	100	25.7	0.94	2.05	15
PLS-75F25AL04-08	PLS Full range, 3" (80 mm), alu cone, inverted surround, plastic gasket, steel basket, ferrite motor, 8 Ohm	5.25	6.2	85.1	107	25.7	0.66	2.1	15

TC Full Range

The TC full range driver family is designed to be a cost-effective high performance full range driver.

The drivers utilize a paper cone using Tymphany-patented PentaCut NRSC cone technology, and a rubber surround, which work together to help dampen and control cone resonances, optimizing the listening experience. The NdFeB or steel magnet motor contains a copper cap to lower inductance and distortion. TC full range driver family uses plastic or steel basket and was designed with television and other compact applications in mind.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
TC6FC00-04	TC Full range, 2" (50 mm), paper cone, NdFeB motor, steel basket, 4 ohm	2	3.4	86.1	181	19.32	0.8	1	15
TC6FD00-04	TC Full range, 2" (50 mm), paper cone, steel basket, 4 ohm	2	3.5	84.4	175	19.32	0.98	1	15
TC7FD00-04	TC Full range, 2.5" (65 mm), paper cone, steel basket, 4 ohm	2.5	3.2	86.4	143	19.3	0.92	1	20
TC8FD00-04	TC Full range, 3" (80mm), paper cone, steel basket, 4 ohm	3	3.3	85.7	125	19.4	0.92	2.4	25
TC9FD-18-04	TC Full range, 3.5" (90mm), paper cone, plastic basket, 4ohm	3.5	3.6	88	124	19.43	139	2.4	10

full range

Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
TC9FD-15-16	TC Full range, 3.5" (90mm), paper cone, plastic basket, 16 ohm	3.5	12.7	85.8	127	19	1.06	2.7	20
TC9FD-18-08	TC Full range, 3.5" (90 mm), paper cone, plastic basket, 8 ohm	3.5	6.3	84.6	125	19.43	0.89	2.55	30

NE Tweeters

The NE tweeters have a leading-edge transducer technology packed in a cutting edge, stylistic design.

Tweeters from NE family feature FEA analysis designed NdFeB motor structure, with copper caps for extended frequency response and reduced distortion. The aluminum rear chambers offer extended low frequency performance, while doubling as heat sinking. The butterfly supporting the tweeter diaphragm is made of a high temperature plastic, consistent with the product's high temperature performance rating, and features supporting terminals. The dome material in this design is aluminum. Design itself has been optimized for sound quality and clarity. Rounding out the design is an aluminum face plate and plastic grille offering protection for the tweeter diaphragm.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
NE19VTS-04	NE Tweeter, 3/4" (19 mm), fabric dome, NdFeB motor, round alu faceplate, 4 ohm	0.75	2.7	88.8	743	19.3	1.36	0.1	100
NE25VTS-04	NE Tweeter, 1" (25 mm), fabric dome, NdFeB motor, round alu faceplate, 4 ohm	1	3.2	91.1	733	25.8	0.89	0.1	80

BC Tweeters

The BC family of tweeters feature a damped fabric dome for smooth frequency response performance and ferrofluid in the gap of the NdFeB or ferrite magnet motor, providing enhanced cooling of the voice coil. BC tweeters come with a compact faceplate with recessed mounting holes, complete with sealing gasket which helps reducing vibration between baffle and driver.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
BC20SC15-04	BC Tweeter, 3/4" (19 mm), fabric dome, NdFeB motor, 3-hole round faceplate, 4 ohm	0.75	3.1	90.3	1580	20.4	2.45	0.17	80
BC25SC06-04	BC Tweeter, 1" (25 mm), fabric dome, NdFeB motor, 4-hole round horn faceplate, 4 ohm	1	2.8	96.2	1390	25.4	1.17	0	25
BC25TG15-04	BC Tweeter, 1" (25 mm), fabric dome, 4-hole faceplate, 4 ohm	1	3	93.2	1130	25.4	0.84	0.5	50
BC25SC55-04	BC Tweeter, 1" (25 mm), fabric dome, NdFeB motor, 4-hole square faceplate, 4 ohm	1	2.7	94	1400	25.4	1.24	0	100
BC25SG15-04	BC Tweeter, 1" (25 mm), fabric dome, 4-hole square faceplate, 4 ohm (Shielded)	1	2.9	93.9	1070	25.4	0.8	0.5	50

tweeters

OX Tweeters

The OX family of tweeters features a damped silk diaphragm with large surround roll, a Neodymium magnet motor to produce a compact motor and a metal rear chamber to provide both a lower resonant frequency and added heat sinking for power handling capacity. OX tweeters are designed to fit snugly into small applications, while providing excellent dynamic sound quality.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
OX20SC00-04	OX Tweeter, 3/4" (19 mm), fabric dome, NdFeB motor, no faceplate, 4 ohm	0.75	3.2	91	1110	19.3	1.41	0.1	80

D Tweeters

D tweeters feature a treated silk dome, and ferrofluid in the gap of the ferrite magnet motor. The large ferrite motor allow for robust power handling capacity. D tweeters come with a plastic faceplate with recessed mounting holes for easy installation into the desired application. They are designed to be a high performance transducers.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
D20TD-58-06	D Tweeter, .75" (19mm), fabric dome, plastic faceplate, 6 ohm	.75	4.1	90.0	1690	19.35	0.79	0.35	120
D27TG-35-06	D Tweeter, 1" (25 mm), fabric dome, rear chamber, round 4-hole faceplate, 6 ohm	1	4.9	92.5	720	25.8	0.4	0.45	100
D27TG-05-06	D Tweeter, 1" (25 mm), fabric dome, rear chamber, round 4-hole faceplate, 6 ohm	1	4.7	92.3	1130	25.79	1.07	0.35	0
D26NC-55-06	D Tweeter, 1" (25 mm), fabric dome, NdFeB motor, square 4-hole faceplate, 6 ohm	1	4.6	89.6	1570	25.79	0.77	0.45	100
D26NC-05-06	D Tweeter, 1" (25 mm), fabric dome, NdFeB motor, housing & grille, 6 ohm	1	4.7	88.7	1580	25.79	0.78	0.45	30

tweeters

OC Tweeters

OC tweeters feature a damped fabric dome for a smooth frequency response performance, and ferrofluid in the gap of the Neodymium magnet motor, providing enhanced cooling of the voice coil. OC family of tweeters comes with a twist-lock mating feature, to allow for easy installation into custom faceplates.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
OC20SC15-04	OC Tweeter, .75" (19 mm), fabric dome, neo motor, 4 ohm	0.75	3	88.3	1530	20.4	1.86	.15	70
OC25SC65-04	OC Tweeter, 1" (25 mm), fabric dome, NdFeB motor, no faceplate, 4 ohm	1	3	94	1380	25.4	1.26	0	25

DX Tweeters

DX tweeters feature a damped silk diaphragm with large surround roll to produce a low resonant frequency, and a ferrite magnet motor which adds heat sinking for power handling capacity. The faceplate features recessed mounting holes to minimize reflections.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
DX20BF00-04	DX20 ferrite magnet tweeter 19mm 0.75" tweeter, plastic face plate 8ohm	0.75	2.9	85	780	19.3	1.49	0.19	0
DX20SC00-04	DX Tweeter, 3/4" (19 mm), fabric dome, 3-hole round faceplate, 4 ohm	0.75	3.2	90.1	1050	19.3	1.45	0.12	80
DX20BF00-08	DX Tweeter, 3/4" (19 mm), 3-hole round faceplate, fabric dome, 8 ohm	0.75	7.4	83.6	820	19.3	1.48	0.1	0
DX25TG09-04	DX Tweeter, 1" (25 mm), fabric dome, round 5-hole faceplate, 4 ohm	1	3	92	703	25.76	0.58	0.1	100
DX25BG60-04	DX Tweeter, 1" (25 mm), fabric dome, plastic faceplate, 4 ohm	1	2.9	93	644	25.78	0.5	0.1	80

tweeters

H Tweeters

H tweeters feature a damped silk diaphragm with large surround roll to produce a low resonant frequency, and a ferrite magnet motor which adds heat sinking for power handling capacity. The faceplate features recessed mounting holes to minimize reflections.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
H26TG-05-06	H Tweeter, 1" (25 mm), fabric dome, 4-hole round horn faceplate, 6 ohm	1	4.9	94.8	1480	25.8	0.86	0.45	100
H26TG-35-06	H Tweeter 1" (25 mm), fabric dome, 4-hole round horn face plate, double chamber, 6 ohm	1	3.9	94.9	832	25.8	0.27	0.45	100

OT Tweeters

OT tweeters utilize two Tymphany technologies to deliver exceptional sound quality: the ring radiator patent, and the central waveguide patent. OT tweeters use neodymium magnet motor. They feature a rear chamber to create extended low frequency response. Compact tweeters without faceplate is ready for installation into compact systems.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
OT19NC00-04	OT Tweeter, 3/4" (19 mm), dual ring radiator, NdFeB motor, no faceplate, 4 ohm	0.75	3.2	88	1030	19.3	1.27	0.1	80

XT Tweeters

OX tweeter family utilizes two Tymphany technologies to deliver exceptional sound quality: the ring radiator patent, and the central waveguide patent. XT tweeters feature ferrite or Neodymium magnet motor. Tweeters also feature a rear chamber to create extended low frequency response. The faceplate features recessed mounting holes which minimizes reflections off of mounting screws.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
XT19TD00-04	XT Tweeter, 3/4" (19 mm), dual ring radiator, 4-hole round faceplate, 4 ohm	0.75	2.9	88.6	763	19.3	0.65	0.35	120
XT19NC30-04	XT Tweeter 3/4" (19 mm), dual ring radiator, NdFeB motor, round faceplate, 4 ohm	0.75	3.1	89.4	973	19.3	1.21	0.12	80



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
XT25SC90-04	XT Tweeter, 1" (25 mm), ring radiator, 3-hole round faceplate, NdFeB motor, 4 ohm	1	3.2	90.1	825	25.8	0.93	0.05	100
XT25TG30-04	XT Tweeter, 1" (25 mm), ring radiator, 5-hole round faceplate, 4 ohm	1	3	90.8	436	25.8	0.44	0.65	110
XT25BG60-04	XT Tweeter, 1" (25 mm), ring radiator, bucking magnet, 5-hole round faceplate, 4 ohm	1	3	93.6	589	25.8	0.32	0.4	100
XT25SC40-04	XT Tweeter, 1" (25 mm), ring radiator, NdFeB motor, no faceplate, 4 ohm	1	3.2	90.2	1020	25.8	0.63	0.1	100
XT25SC50-04	XT Tweeter, 1" (25 mm), ring radiator, NdFeB motor, 3-hole round faceplate, 4 ohm	1	3.2	90	875	25.8	0.83	0.1	100
XT25SG60-04	XT Tweeter, 1" (25 mm), ring radiator, plastic faceplate, 4 ohm	1	2.9	93.2	484	25.76	0.37	0.15	100
XT25SC30-04	XT Tweeter, 1" (25 mm), ring radiator, NdFeB motor, 5-hole round faceplate, 4 ohm	1	2.8	90.4	649	25.8	0.61	0.1	100



NE Woofers/Subwoofers

The NE family of woofers and subwoofers has leading edge transducer technology packed in cutting edge, stylistic designs. All designs are high power, high performance and are using neodymium-iron-boron magnet motor.

NE woofers and subwoofers feature an innovative cast aluminum basket design which minimizes acoustic reflections inside the driver, through large basket windows and sculpted basket spokes. The basket is also designed to act as a highly coupled heat sink to the Neodymium-Iron-Boron (NdFeB) magnet motor, so as to improve power handling capacity. An additional heat sink is available to provide extra thermal protection if needed. The cone and dust cap are constructed of natural wood fiber material with proprietary coating formula and process, so as to yield high clarity products. The cone designs also utilize pentacone technology for improved frequency response. The voice coil bobbin is titanium, for improved performance. The FEA-designed motor features copper caps to minimize inductance and extend performance to high frequencies. Rounding out the design is a 4-way terminal block connector, for ease of electrical connection.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
NE123W-08-HS	NE Woofer, 4" (100 mm), wood fibre cone, turbo NdFeB motor, alu basket, heat sink, 8 ohm	4	6.3	87,2	61	32.41	0.35	3.1	45
NE123W-08	NE Woofer, 4" (100 mm), wood fibre cone, turbo NdFeB motor, alu basket, 8 ohm	4	6.3	87.2	61	32.41	0.35	3.1	45
NE149W-08-HS	NE Woofer, 5.25" (130 mm), wood fibre cone, NdFeB motor, round die cast alu frame, heat sink, 8 ohm	5.25	6.3	87	54	38.4	0.38	5	85
NE149W-04	NE Woofer, 5.25" (130 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 4 ohm	5.25	3.5	89.1	50	38.4	0.3	5	60
NE149W-08	NE Woofer, 5.25" (130 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 8 ohm	5.25	6.3	87	54	38.44	0.38	5	60
NE180W-04	NE Woofer, 6.5" (165 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 4 ohm	6.5	3.3	89.8	39	38.4	0.39	5	80
NE180W-08	NE Woofer, 6.5" (165 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 8 ohm	6.5	6.2	87.4	42	38	0.39	5	80
NE180W-08-HS	NE Woofer, 6.5" (165 mm), wood fibre cone, NdFeB motor, round die cast alu frame, heat sink, 8 ohm	6.5	6.2	87.2	42	38.4	0.39	5	115
NE225W-08	NE Subwoofer, 8" (200 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 8 ohm	8	6.3	88.6	32	51.32	0.33	7.7	160
NE225W-08-HS	NE Subwoofer, 8" (200 mm), wood fibre cone, NdFeB motor, round die cast alu frame, heat sink, 8 ohm	8	6.3	88.6	32	51.32	0.33	7.70	175



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
NE265W-04	NE Subwoofer, 10" (250 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 4 ohm	10	2.9	88	23	51.3	0.29	9.05	150
NE265W-08	NE Subwoofer, 10" (250 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 8 ohm	10	6.2	85.1	23	51.32	0.3	9.35	190
NE265W-08-HS	NE Subwoofer, 10" (250 mm), wood fibre cone, NdFeB motor, round die cast alu frame, heat sink, 8 ohm	10	6.2	85.1	23	51.32	0.3	9.35	220
NE315W-04	NE Subwoofer, 12" (300 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 4 ohm	12	2.8	88.6	20	51.3	0.31	9	150
NE315W-08	NE Subwoofer, 12" (300 mm), wood fibre cone, NdFeB motor, round die cast alu frame, 8 ohm	12	6.3	86.5	20	51.32	0.35	9.35	190
NE315W-08-HS	NE Subwoofer, 12" (300 mm), wood fibre cone, NdFeB motor, round die cast alu frame, heat sink, 8 ohm	12	6.3	86.5	20	51.32	0.35	9.35	220

HDS Woofers/Subwoofers

HDS family consists of high performance woofers and subwoofers. A powerful Ferrite magnet system is coupled to a finite element analysis designed suspension system, containing both, linear spider design and a rubber surround. The motor contains an Aluminum shorting ring which reduces coil inductance, thus providing both, extended frequency response performance and reduced distortion. The long-throw voice coil ensures linear high excursion performance, needed for signal clarify. The cone necks are vented so as to reduce air compression effects under high excursion conditions. The cast Aluminum basket offers structural rigidity, heat sinking capacity for the motor, and additional air venting under the spider so as to again reduce air compression effects. Woofers and subwoofers from HDS family use variety of different kinds of cones offering a unique visual and acoustic experience.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
HDS-P831001	HDS Woofer, 4" (100 mm), coated paper cone, phase plug, cut alu basket, 4 ohm	4	3.3	87.9	82	25.73	0.34	1.82	20
HDS-P835023	HDS Woofer, 4" (100 mm), alu cone, cut alu basket, 8 ohm	4	5.3	83.8	82	25.73	0.62	3.05	30
HDS-P830870	HDS Woofer, 4" (100 mm), PP cone, cut alu basket, 8 ohm	4	5.2	85.9	91	25.73	0.53	3	25
HDS-P830992	HDS Woofer, 4" (100 mm), GF cone, cut alu basket, 8 ohm	4	5.3	85.9	89	25.73	0.58	3	30
HDS-P835022	HDS Woofer, 5.25" (130 mm), Nomex cone, cut alu basket, 4 ohm	5.25	3.2	91.5	76	25.7	0.35	1.9	30
HDS-P832794	HDS Woofer, 5.25" (130 mm), Nomex cone, alu basket, 8 ohm	5.25	5.5	89.5	69	25.70	0.38	2.2	50

woofers

Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
HDS-P830860	HDS Woofer, 5.25" (130 mm), PBB cone, cut alu basket, 8 ohm	5.25	5.9	87.1	62	25.73	0.47	3.5	50
HDS-P835024	HDS Woofer, 5.25" (130 mm), alu cone, cut alu basket, 8 ohm	5.25	5.9	86.1	72	25.73	0.65	3.5	30
HDS-P832873	HDS Woofer, 5.25" (130 mm), Nomex cone, cut alu basket, 8 ohm	5.25	5.9	88	69	25.73	0.42	3.46	60
HDS-P830991	HDS Woofer, 5.25" (130 mm), GF cone, cut alu basket, 8 ohm	5.25	6	87	66	25.73	0.49	4.55	30
HDS-P830911	HDS Woofer, 5.25" (130 mm), PP cone, cut alu basket, 8 ohm	5.25	6.1	87.5	62	25.73	0.42	3.46	50
HDS-P831735	HDS Woofer, 6.5" (165 mm), paper cone, alu basket, 8 ohm	6.5	4.9	89.5	44	32.4	0.44	5.5	50
HDS-P830875	HDS Woofer, 6.5" (165 mm), Nomex cone, cut alu basket, 8 ohm	6.5	6.4	88.6	46	32.4	0.36	5.34	75
HDS-P830874	HDS Woofer, 6.5" (165 mm), PP cone, cut alu basket, 8 ohm	6.5	6.5	87.9	58	32.4	0.43	5.38	75
HDS-P830883	HDS Woofer, 6.5" (165 mm), Nomex cone, phase plug, round white alu basket, 8 ohm	6.5	5.9	87.2	43	32.4	0.38	5.62	70
HDS-P830990	HDS Woofer, 6.5" (165 mm), GF cone, cut alu basket, 8 ohm	6.5	6.2	88.4	46	32.4	0.39	5.34	50
HDS-P835025	HDS Woofer, 6.5" (165 mm), alu cone, cut alu basket, 8 ohm	6.5	6.3	87.2	38	32.4	0.37	5.39	55
HDS-P830869	HDS subwoofer, 8" (200 mm), Nomex cone, cut alu basket, 8 ohm	8	5.9	89.6	30	32.4	0.31	5.5	60
HDS-P835026	HDS subwoofer, 8" (200 mm), alu cone, cut alu basket, 8 ohm	8	5.4	87.0	27	38.44	0.47	6.02	75

SDS Woofers/Subwoofers/Passive Radiators

SDS woofers, subwoofers and passive radiators offer a low resonant frequency performance ideally suited for compact sealed enclosures. All SDS products use a coated paper cone with rubber surround, a high power voice coil suspended in a Ferrite magnet motor, a narrow-profile steel basket, shaped to fit into narrow cabinet. SDS passive radiators are designed to match up with SDS subwoofers.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
SDS-P830878	SDS Passive radiator, 4" (100 mm), coated paper cone, no motor, steel basket, no coil	4			29				

woofers

Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
SDS-P830855	SDS Woofer, 4" (100 mm), coated paper cone, steel basket, 8 ohm	4	5.6	84.8	63	25.7	0.46	3	30
SDS-P830880	SDS Passive radiator, 5.25" (130 mm), coated paper cone, no motor, steel basket, no coil	5.25			27				
SDS-P830656	SDS Woofer, 5.25" (130 mm), coated paper cone, steel basket, 8 ohm	5.25	6.1	85.7	57	25.73	0.59	3.46	60
SDS-P830657	SDS Woofer, 6.5" (165 mm), coated paper cone, cut basket, 8 ohm	6.5	6	89.5	45	25.73	0.46	3.46	60
SDS-160F25PRO1-08	SDS Woofer, 6.5" (165 mm), coated paper cone, steel basket, 8 ohm	6.5	7.1	87	42	25.75	0.49	6.05	60

SLS Woofers/Subwoofers

SLS family of woofers and subwoofers combines high quality performance with an affordable design. They all feature a rigid steel basket, a coated paper cone, and a Ferrite magnet motor with Aluminum shorting ring for improved distortion performance.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
SLS-P830945	SLS Woofer, 5.25" (130 mm), paper cone, steel basket, 4 ohm	5.25	2.7	88.4	51	33.42	0.36	5	50
SLS-P830946	SLS Woofer, 6.5" (165 mm), paper cone, steel basket, 4 ohm	6.5	2.7	86.7	42	38.44	0.35	8.2	75
SLS-P830667	SLS Subwoofer, 8" (200 mm), coated paper cone, steel basket, 8 ohm	8	5.5	86	42	38.4	0.66	8.41	90
SLS-P830668	SLS Subwoofer, 10" (250 mm), coated paper cone, steel basket, 8 ohm	10	5.6	87.9	32	38.4	0.55	8.3	70
SLS-P830669	SLS Subwoofer, 12" (300 mm), coated paper cone, steel basket, 8 ohm	12	5.6	89.8	31	38.4	0.54	8.3	100

XLS Subwoofers

XLS product family has all the design features suitable for high performance subwoofer drivers. The motor features a double Ferrite magnet motor, supporting high excursion, and Aluminum shorting rings and pole extenders, lowering and linearizing the inductance of the overhung voice coil. The paper cone is vented under the dust cap, to reduce air compression. The suspension system features a low-creep rubber surround, and a nomex spider, ensuring long-term reliability under high power conditions. Products also feature a rigid cast Aluminum basket.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
XLS-P830452	XLS Subwoofer, 10" (300 mm), paper cone, alu basket, 4 ohm	10	3.6	86.6	22	51	0.24	12.5	150
XLS-P835028	SLS Woofer, 6.5" (165 mm), paper cone, steel basket, 4 ohm	10	3.1	85.4	34	51.32	0.51	9	160
XLS-P830500	XLS Subwoofer, 12" (300 mm), paper cone, alu basket, 4 ohm	12	3.6	87.4	20	51.32	0.24	12.5	300

XXLS Subwoofers

XXLS product family has all the design features suitable for high performance subwoofer drivers. The motor features a double Ferrite magnet motor, supporting high excursion, and Aluminum shorting rings and pole extenders, lowering and linearizing the inductance of the overhung voice coil. The PP-cone is vented under the dust cap, to reduce air compression. The suspension system features a low-creep rubber surround, and a Nomex spider, ensuring long-term reliability under high power conditions. XXLS subwoofers feature a rigid cast Aluminum basket.



Product	Description	Size	DCR	Sens.	Fs	VCID	Qts	Xmax	Pwr
XXLS-P835016	XXLS Subwoofer, 10" (250 mm), black alu cone, alu basket, 4 ohm	10	2.5	89	26	51	0.37	12	100
XXLS-P835017	XXLS Subwoofer, 12" (300 mm), black alu cone, alu basket, 4 ohm	12	2.5	89	22	51	0.39	12	120
XXLS-P830845	XXLS Subwoofer, 12" (300 mm), Nomex cone, die cast alu basket, 8 ohm	12	5.7	87.5	27	51	0.52	12.5	175
XXLS-P835037	XXLS subwoofer, 10" (250mm), paper cone, ferrite magnet, rigid cast alu basket, 4ohm	10	2.7	89.8	28	51.3	0.37	3.0	120



Headquarters

Dominion Center
Room 1307-1308
43-59 Queens Road East
Wanchai, Hong Kong

Factory

Tymphany Industrial Area
Xin Lian Village, XinXu Town
HuiYang District, Huizhou
Guang Dong, P.R.C. 516223
Ph: +752.3059.888

Sales Headquarters

Tymphany
One Harbor Drive #209
Sausalito, California 94965
United States
Ph: 1.415.887.9538