

PA SPEAKER
PA SYSTEM
PA DRIVER



CFS
CHINA FUTURE SOUND

2024A

PA SPEAKER
PA SYSTEM
PA DRIVER



CFS

CHINA FUTURE SOUND

About us:

China Future Sound was founded in 2003 with the goal of manufacturing the finest quality car, marine, and pro audio products while also offering the most considerate customer service and on time shipping.

We are located in Jiashan, also known as the “City of Speakers” due to easy access to all kinds of speaker parts. It is also about 37 miles away from Shanghai, making it the perfect location for worldwide shipping through the Shanghai port.

Our largest market is in the United States, but the market grows continually, reaching other markets such as those in Ghana, Nigeria, Turkey, Russia, and Germany.

Our manufacturing facility covers over 6 acres of land, with an addition of a new workshop built in 2021, covering 25,000 sq ft of land. The workshop contains a fully auto SMT and PCB assembling line, 5 semi-auto speaker lines, 10 CNC enclosure machines, and 2 paint shops. We currently have 300 employees, producing a supply of 5,000 speakers, 1,000 enclosures, and 800 amplifiers daily.

More than half of our technical executive staff have work experiences above 20 years in the audio industry.

Our technical knowledge and highly automated workshop allow us to offer finely crafted products to our customers in a short amount of time.



www.chinafuturesound.com



03

COLUMN

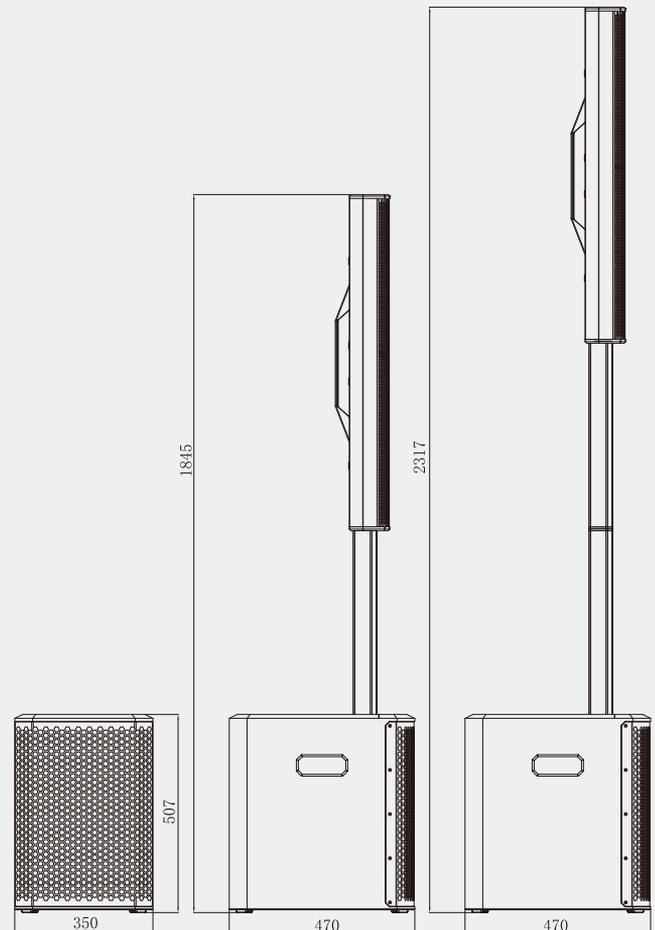
PA SYSTEM





SPECIFICATIONS

Model name:	C8
Type:	Portable Column Powered Speaker System
Subwoofer:	1 x 12" Bass reflex
Vertical array system:	8 x3.5"Neodymium Fullrange
Amplification:	Class D
Dispersion:	120° Horizontal
Power output (RMS / peak):	1000W/ 2000 W
Frequency range (-3dB):	40 Hz - 20 kHz
Max. SPL (peak):	126 dB
Protection:	DSP based multiband limiter, Short circuit, over current, over heating
Connectors:	ON/OFF, Mode Switch , SUB Volume Line , Gain Volume Line , AUX/BT Vouolume , BT Switch , TWS Switch , Mic Switch
Indicators:	On, signal, limit, BT, TWS
Subwoofer connectors:	Line Input: Bluetooth, XLR Combo, 3.5mm jack, Stereo RCA Mic Input: XLR /6.3mm jack Output:XLR
Satellite connectors:	Custom made multi pin connector
Cabinet material:	Subwoofer: birch plywood / Column: aluminum Pole:aluminum
Cabinet surface:	Subwoofer: Polyurea / Column: black powder coating Pole:black powder coating
Dimensions (W x H x D):	Sub:350 x 507 x 470 mm Column:108 x 880 x 138 mm Pole:2 x 58 x 455 x 60 mm
Weight	Sub:19.7 Kg Column:4.95 Kg Pole:1.25 Kg
Power consumption:	100-240V AC. 60-50Hz
Features:	All-in-one column system for clean compact design, easy transport and setup, easy connection with mutltipin plug



I SERIES

INSTALLATION
SPEAKERS BOX



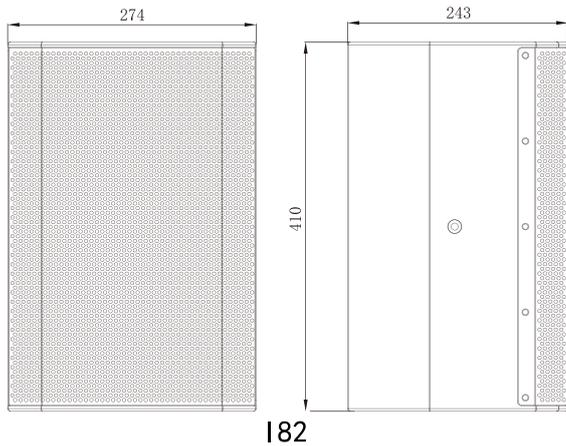
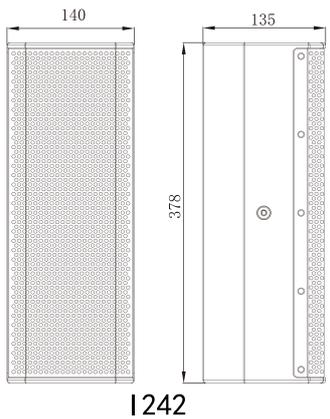
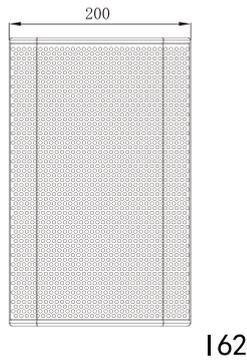
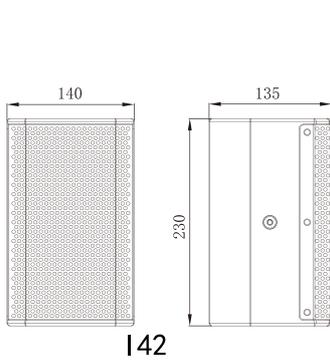


SPECIFICATIONS

Model name:	I42	I242
Frequency range:	85 Hz- 20 kHz	85 Hz- 20 kHz
Power output (RMS):	50 W/100 W	100 W/200 W
Sensitivity(1W/1m):	85.4 dB	88.4 dB
Max.SPL:	105.4 dB	111.4 dB
Impedance:	16 Ω	8 Ω
LF/HF transducer:	4" ferrite woofer / 1" silk dome tweeter	2 x 4" ferrite woofer / 1" silk dome tweeter
Dispersion:	70° x 70°	70° x 70°
Connectors:	Phoenix-type	Phoenix-type
Dimensions (W x H x D):	140*230*135 mm	140*378*135 mm
Features:	M8 rigging / mounting points, mounting brackets	M8 rigging / mounting points, mounting brackets

SPECIFICATIONS

Model name:	I62	I82
Frequency range:	53 Hz- 20 kHz	40 Hz- 20 kHz
Power output (RMS):	80 W/160 W	120 W/240 W
Sensitivity(1W/1m):	88.2 dB	92 dB
Max.SPL:	110.2 dB	115.8 dB
Impedance:	16 Ω	16 Ω
LF/HF transducer:	6.5" ferrite woofer / 1" silk dome tweeter	8" ferrite woofer / 1" silk dome tweeter
Dispersion:	70° x 70°	70° x 70°
Connectors:	Phoenix-type	Phoenix-type
Dimensions (W x H x D):	200*320*200 mm	274*410*243 mm
Features:	M8 rigging / mounting points, mounting brackets	M8 rigging / mounting points, mounting brackets





G SERIES

ACTIVE LOUDSPEAKERS
AND SUBWOOFERS



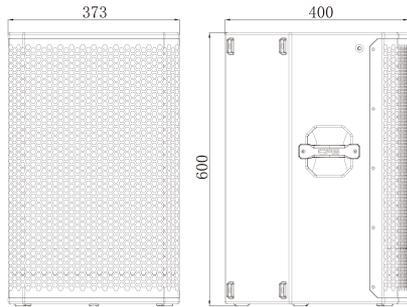
SPECIFICATIONS

	G15AS	G18AS
Model name:	G15AS	G18AS
Type:	15" powered loudspeaker system	18" powered loudspeaker system
Frequency range(-3dB) :	45-120Hz	40-120Hz
Power output (RMS) :	1300W	1300W
Max.SPL (peak) :	132dB	133dB
Amplification:	Class D	Class D
Transducer:	15"cone magnet woofer	18"cone magnet woofer
Connectors:	Input: 2 x XLR / input link : 2 x XLR / Sat out: XLR with 100Hz high-pass	Input: 2 x XLR / input link : 2 x XLR / Sat out: XLR with 100Hz high-pass
Protection:	RMS speaker limiter, DSP-based "look ahead" limiter, RMS power supply limiter, short circuit, over-current	RMS speaker limiter, DSP-based "look ahead" limiter, RMS power supply limiter, short circuit, over-current
Paint / Cabinet material :	Polyurea / 18mm birch plywood	Polyurea / 18mm birch plywood
Dimensions (W x H x D) :	530 x 453 x 620 mm	606 x 483 x 643.5 mm
Features:	Lightweight design, compact 18-mm wood enclosure with internal bracing, durable polyure finish, aluminum pole mounts (M20), and all-metal handles	Lightweight design, compact 18-mm wood enclosure with internal bracing, durable polyure finish, aluminum pole mounts(M20), and all-metal handles

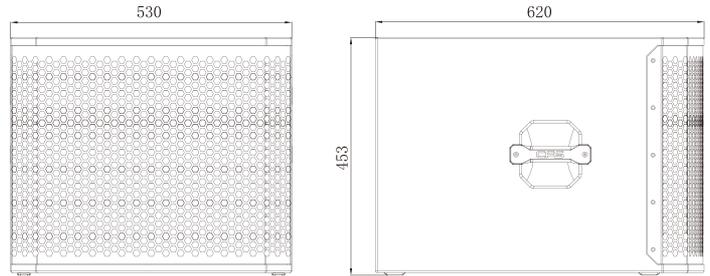


SPECIFICATIONS

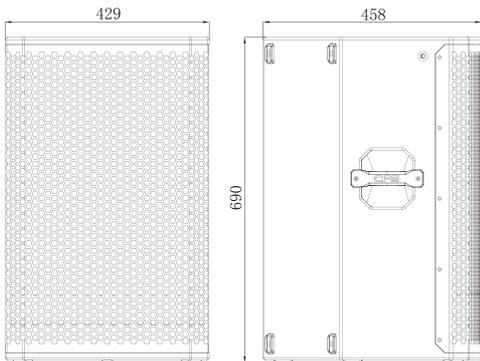
	G12A	G15A
Model name:	G12A	G15A
Type:	12"powered loudspeaker system	15"powered loudspeaker system
Frequency range:	58 Hz - 20 kHz	52 Hz - 20 kHz
Power output (RMS):	1400W	1400W
Max. SPL (peak):	131dB	133dB
Amplification:	Class D	Class D
LF transducer:	12" ferrite magnet, 2" voice coil	15" ferrite magnet, 2.5" voice coil
HF transducer:	1.4"voice coil ferrite magnet compression driver	1.4"voice coil ferrite magnet compression driver
Dispersion:	80° x 60°	80° x 60°
Crassover frequency:	1.8 kHz	1.8 kHz
Connectors:	Input:2 x XLR, Mic In on XLR/ output: 3 x XLR, RCA	Input:2 x XLR, Mic In on XLR/ output: 3 x XLR, RCA
Protection:	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage
Paint / Cabinet material:	Polyurea / 15 mm birch plywood	Polyurea / 15 mm birch plywood
Dimensions (W x H x D):	373 x 600 x 400 mm	429 x 690 x 458 mm
Features:	CFS evolution Lightweight handles, stand support vertically, switchable ground lift, twelve M10 threaded mounting points	CFS evolution Lightweight handles, stand support vertically, switchable ground lift, twelve M10 threaded mounting points



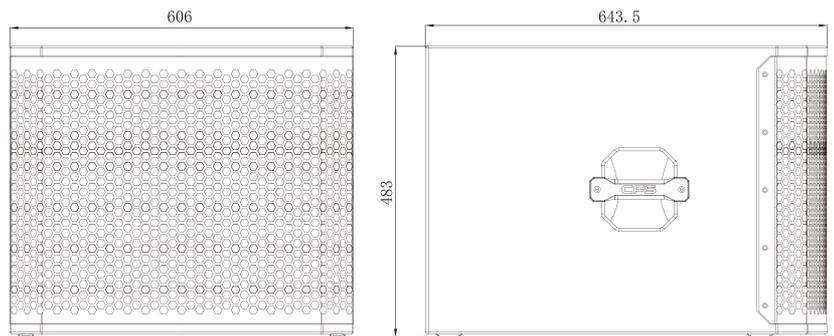
G12A



G15AS



G15A



G18AS

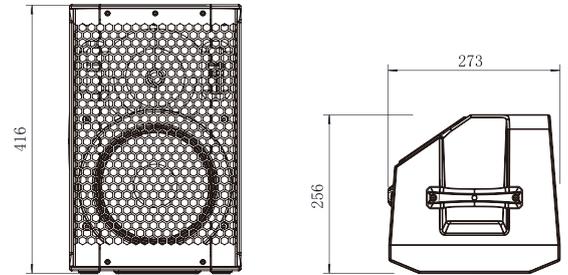
E SERIES

COMPACT ACTIVE
LOUDSPEAKERS

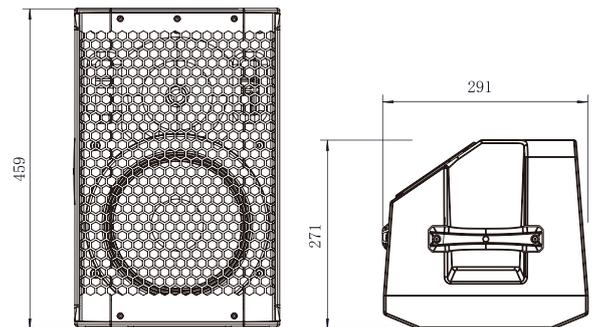


**E8A**

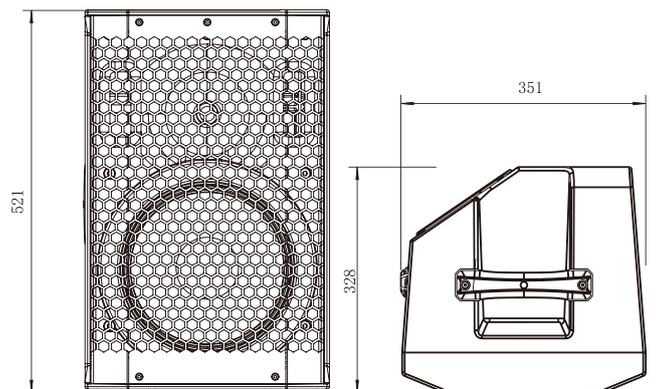
Type:	8" Compact powered loudspeaker
LF transducer:	8" cone magnet woofer,
HF transducer:	1.4" compression driver
Frequency range (-3dB):	55-20,000 Hz
Power output :	1000W
Max. SPL:	123dB
	ON/OFF switch, Line Level*2,
Controls:	6-way contour selection switch, Mic boost switch
Indicators:	Limiter, Clip, power, Signal
Dispersion:	75°
Connectors:	Input: mic (XLR, 6.3 mm Jack), line (XLR, 6.5mm jack, 3.5mm jack) Output: line XLR
Cabinet material:	Polypropylene
Dimensions (W x H x D):	273 x 416 x 256 mm
Weight	10.15 Kg
Features:	stand support vertically switchable ground lift yoke- mounted

**E10A**

Type:	10" Compact powered loudspeaker
LF transducer:	10" cone magnet woofer,
HF transducer:	1.4" compression driver
Frequency range (-3dB):	50-20,000 Hz
Power output :	1000W
Max. SPL:	125dB
	ON/OFF switch, Line Level*2,
Controls:	6-way contour selection switch, Mic boost switch
Indicators:	Limiter, Clip, power, Signal
Dispersion:	80°
Connectors:	Input: mic (XLR, 6.3 mm Jack), line (XLR, 6.5mm jack, 3.5mm jack) Output: line XLR
Cabinet material:	Polypropylene
Dimensions (W x H x D):	291 x 459 x 271 mm
Weight	11.5 Kg
Features:	stand support vertically switchable ground lift yoke- mounted

**E12A**

Type:	12" Compact powered loudspeaker
LF transducer:	12" cone magnet woofer,
HF transducer:	1.4" compression driver
Frequency range (-3dB):	50-20,000 Hz
Power output :	1000W
Max. SPL:	126dB
	ON/OFF switch, Line Level*2,
Controls:	6-way contour selection switch, Mic boost switch
Indicators:	Limiter, Clip, power, Signal
Dispersion:	90°
Connectors:	Input: mic (XLR, 6.3 mm Jack), line (XLR, 6.5mm jack, 3.5mm jack) Output: line XLR
Cabinet material:	Polypropylene
Dimensions (W x H x D):	351 x 521 x 328 mm
Weight	16.7 Kg
Features:	stand support vertically switchable ground lift yoke- mounted



E SERIES

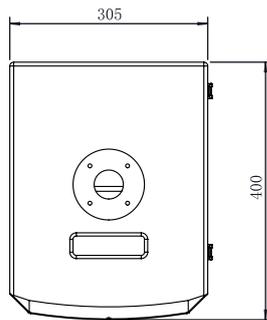
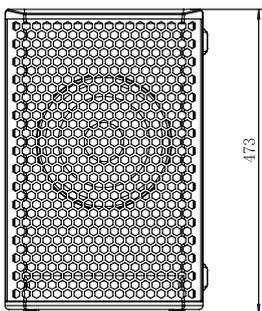
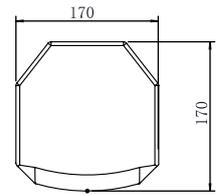
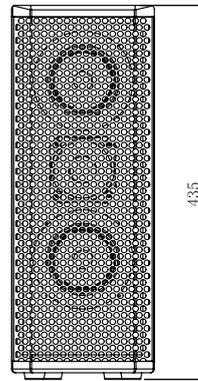
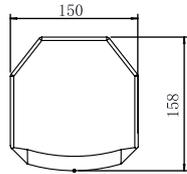
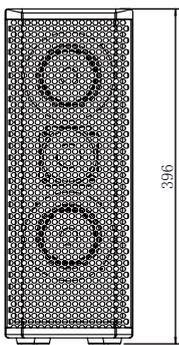
PORTABLE 2.1 SPEAKER SYSTEM



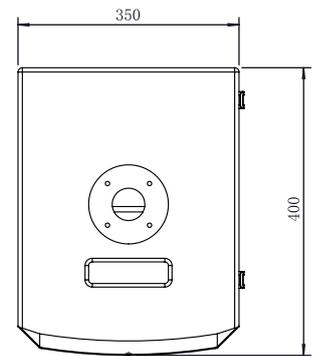
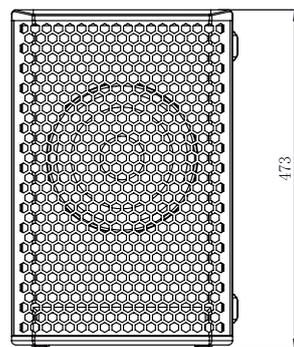


SPECIFICATIONS

	E824	E1024
Model name:	E824	E1024
Type:	Portable 2.1 Powered Speaker System	Portable 2.1 Powered Speaker System
Subwoofer:	8"	10"
Satellites:	LF: 2*4" / HF: 1" dome tweeter with horn	LF: 2*5.25" / HF: 1" dome tweeter with horn
Amplification:	Class D	Class D
Power output (RMS / peak):	200W/ 400 W	300W/ 600 W
Frequency range (-3dB) :	50 Hz - 20000Hz	45 Hz - 20000Hz
Max SPL (peak):	120dB	123dB
Protection:	Short circuit, over-current, limiter	Short circuit, over-current, limiter
Controls:	Volume, sub Level, On / Off switch	Volume, sub Level, On / Off switch
Indicators:	Power, signal, limit	Power, signal, limit
Cooling:	Convection	Convection
Supported media:	USB stick, Bluetooth	USB stick, Bluetooth
Supported formats:	MP3, WMA, WAV	MP3, WMA, WAV
Media player controls:	Stop, Next track, Previous track, Repeat, Mode (Menu / Bluetooth / USB), Play / Pause	Stop, Next track, Previous track, Repeat, Mode (Menu / Bluetooth / USB), Play / Pause
Media player display elements:	Lighted multifunctional LC display	Lighted multifunctional LC display
Mic inputs:	XLR, 6.3 mm jack	XLR, 6.3 mm jack
Subwoofer connectors:	Input: 2x XLR / 6.3 mm jack (combo) / 2 x RCA / 3.5 mm jack Output: 2 x XLR / 2 x Speakon	Input: 2x XLR / 6.3 mm jack (combo) / 2 x RCA / 3.5 mm jack Output: 2 x XLR / 2 x Speakon
Satellites connectors:	Speakon compatible	Speakon compatible
Cabinet material:	Subwoofer: 15 mm MDF / Satellites: 15 mm MDF	Subwoofer: 15 mm MDF / Satellites: 15 mm MDF
Cabinet surface:	Polyurea	Polyurea
Operating voltage:	AC 115V / 60Hz , AC230V / 50Hz	AC 115V / 60Hz , AC230V / 50Hz
Dimensions (WxH x D):	SUB: 305 x 473 x 400 mm LF: 150 x 158 x 390 mm	SUB: 350 x 473 x 400 mm LF: 170 x 170 x 435 mm
Weight:	SUB: 6.9Kg LF: 2 x 4.45Kg	SUB: 9.6Kg LF: 2 x 5.6Kg
Features:	Subwoofer: threaded flange(M20), transport handles Satellite: transport handles, 3/8" thread, M6 threads for wall mounting	



E824



E1024



PM6N

6.5" MIDRANGE

NEODYMIUM MAGNET
ALUMINUM BASKET TRANSDUCER

- 1.5 INCH EDGEWOUND CCA VOICE COIL
- 96.5 dB/SPL SENSITIVITY
- 275 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- COPPER DEMODULATION RING
- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN
- SINGLE ROLL SURROUND



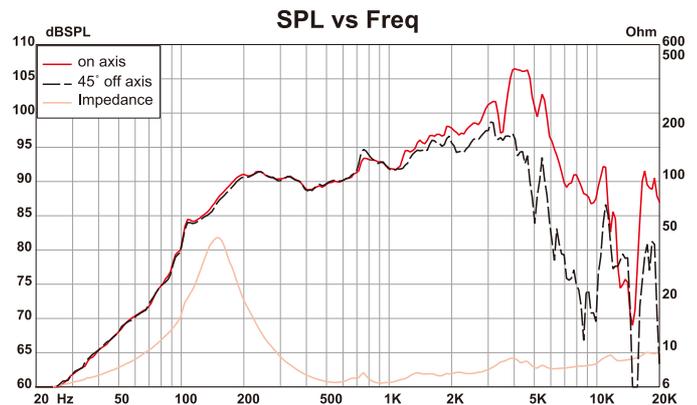
GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	172 (6.77)
Nominal impedance	Ω	8
Minimum impedance	Ω	6.3
Program power	W	275
AES Power rating	W	125
Sensitivity	dB	96.5
Frequency range	Hz	130-6000
Voice coil diameter	mm (in.)	38 (1.5)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Neodymium	
Magnet dimensions	(in.)	90*45*6
ODxDxH	mm	3.54*1.77*0.23
Coil material	CCAR	
Former material	Kapton	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	3.0 (0.118)
Gap height	mm (in.)	6.0 (0.236)
Voice coil winding height	mm (in.)	9.0 (0.354)
Driver displacement volume	ft ³	0.0134

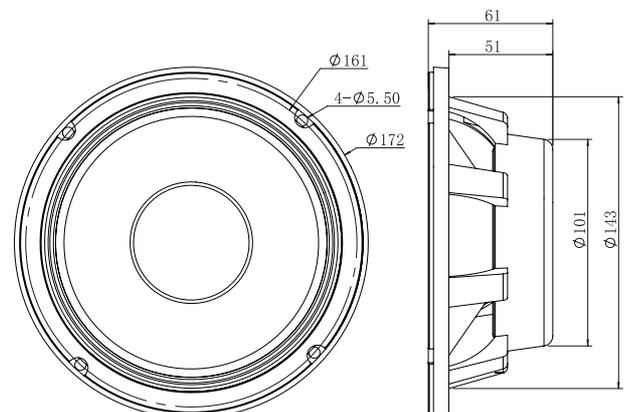
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5.20
Resonance frequency	Fs	Hz	145
Moving mass	Mms	g	9.20
Compliance	Cms	mm/N	0.12
Force factor	BxL	N/A	9.50
Mechanical Q-factor	Qms		3.20
Electrical Q-factor	Qes		0.48
Total Q-factor	Qts		0.41
Equivalent air volume	Vas	L (ft ³)	4.36 (0.15)
Voice coil Inductance	Le	mH	0.022
Diaphragm area	Sd	cm ² (in ²)	153 (23.71)
Reference efficiency	Eta 0	%	2.71

FREQUENCY RESPONSE



DIMENSIONS MM





PM8N

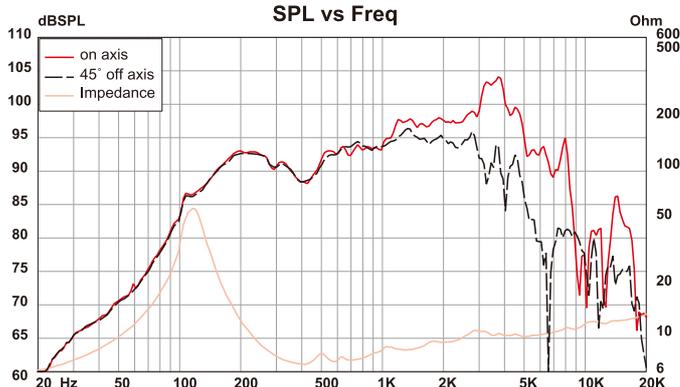
8" MIDRANGE

NEODYMIUM MAGNET
ALUMINUM BASKET TRANSDUCER

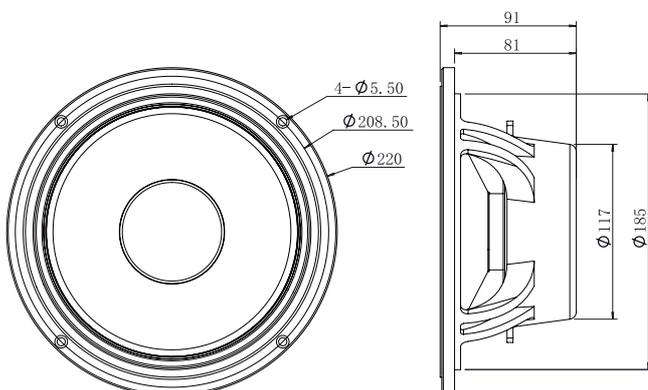


- 2 INCH EDGEWOUND CCA VOICE COIL
- 97.5dB/SPL SENSITIVITY
- 400 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- COPPER DEMODULATION RING
- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN
- SINGLE ROLL SURROUND

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	220 (8.66)
Nominal impedance	Ω	8
Minimum impedance	Ω	6.6
Program power	W	400
AES Power rating	W	200
Sensitivity	dB	97.5
Frequency range	Hz	110-6000
Voice coil diameter	mm (in.)	50.8 (2.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Neodymium	
Magnet dimensions ODxDxH	(in.) mm	100*60*7 3.93*2.36*0.27
Coil material	CCAR	
Former material	Kapton	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	3.9 (0.154)
Gap height	mm (in.)	8.0 (0.315)
Voice coil winding height	mm (in.)	11.8 (0.466)
Driver displacement volume	ft ³	0.0332

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5.20
Resonance frequency	Fs	Hz	115
Moving mass	Mms	g	19.40
Compliance	Cms	mm/N	0.10
Force factor	BxL	N/A	13
Mechanical Q-factor	Qms		3.50
Electrical Q-factor	Qes		0.41
Total Q-factor	Qts		0.37
Equivalent air volume	Vas	L (ft ³)	8.03 (0.28)
Voice coil Inductance	Le	mH	0.045
Diaphragm area	Sd	cm ² (in ²)	240.5 (37.27)
Reference efficiency	Eta 0	%	2.89



COX5N

5.25" COAXIAL

NEODYMIUM MAGNET
ALUMINIUM BASKET COAXIAL

- 1.5 INCH WOOFER CCAW VOICE COIL
- 1.5 INCH TWEETER NALR VOICE COIL
- 93.6 dB/SPL SENSITIVITY
- 120+60 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FRONT
- IDEAL FOR COMPACT 2-WAY SYSTEMS



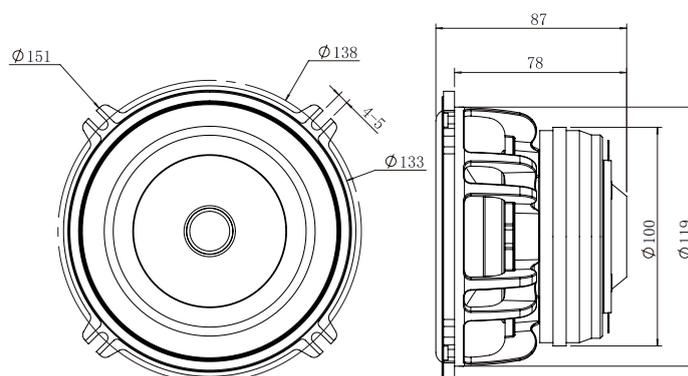
GENERAL SPECIFICATIONS

Type		Woofer	Tweeter
Nominal diameter	mm (in.)	133 (5.23)	
Nominal impedance	Ω	4	4
Minimum impedance	Ω	3.8	3.8
Program power	W	120	60
AES Power rating	W	60	30
Sensitivity	dB	91.5	102
Frequency range	Hz	160-11000	2000-18000
Voice coil diameter	mm (in.)	38.6 (1.5)	38 (1.5)
Chassis material	Die-Cast Aluminum Basket		
Magnet material	Neodymium		Neodymium
Magnet dimensions ODxDxH	(in.) mm	100*50*6 3.93*1.96*0.23	
Coil material	CCA W		NALR
Former material	Kapton		Kapton
Cone material	Water Proof Treated Paper		Polyimide
Surround material	Polycotton		
Xmax	mm (in.)	3.80 (0.149)	
Gap height	mm (in.)	5 (0.196)	
Voice coil winding height	mm (in.)	10.1 (0.397)	
Driver displacement volume	ft ³	0.012	

FREQUENCY RESPONSE



DIMENSIONS MM



SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	3.2
Resonance frequency	Fs	Hz	196	2000
Moving mass	Mms	g	6.42	
Compliance	Cms	mm/N	0.1	
Force factor	BxL	N/A	6.79	
Mechanical Q-factor	Qms		3.61	
Electrical Q-factor	Qes		0.55	
Total Q-factor	Qts		0.47	
Equivalent air volume	Vas	l (ft ³)	1.05 (0.03)	
Voice coil Inductance	Le	mH	0.034	
Diaphragm area	Sd	cm ² (in. ²)	86.5 (13.4)	
Reference efficiency	Eta 0	%	1.45	



COX6N

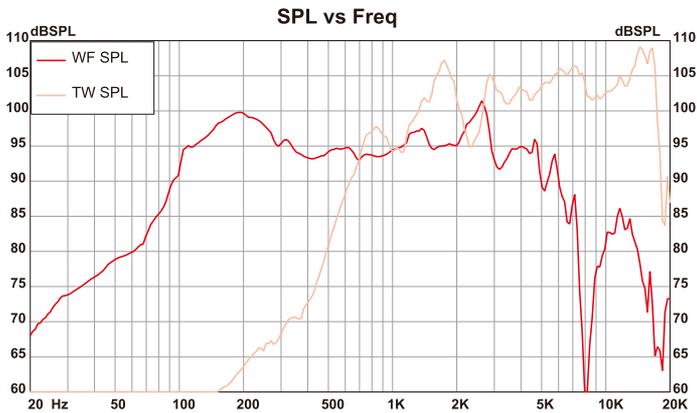
6.5" COAXIAL

NEODYMIUM MAGNET
ALUMINIUM BASKET COAXIAL

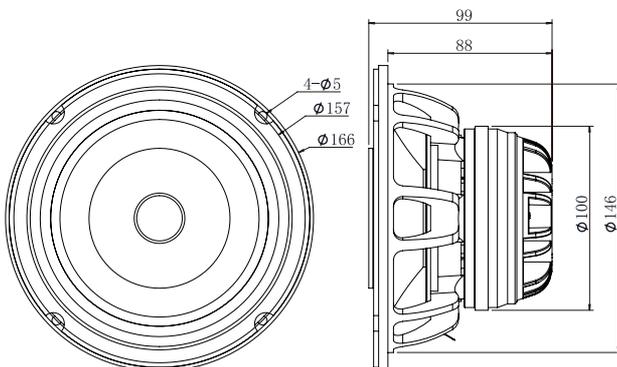
- 2 INCH WOOFER CCAW VOICE COIL
- 1.75 INCH TWEETER NALR VOICE COIL
- 95.0 dB/SPL SENSITIVITY
- 300+100 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FORNT
- IDEAL FOR COMPACT 2-WAY SYSTEMS



FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Type		Woofers	Tweeter
Nominal diameter	mm (in.)	166 (6.54)	
Nominal impedance	Ω	4	8
Minimum impedance	Ω	3.7	6.4
Program power	W	300	100
AES Power rating	W	150	50
Sensitivity	dB	93.5	102
Frequency range	Hz	100-5000	1000-18000
Voice coil diameter	mm (in.)	50.8 (2)	44.4 (1.75)
Chassis material	Die-Cast Aluminum Basket		
Magnet material	Neodymium		
Magnet dimensions	(in.)	100*60*7	
ODxDxh	mm	3.93*2.39*0.27	
Coil material	CCA W		
Former material	Kapton		
Cone material	Water Proof Treated Paper		
Surround material	Polycotton		
Xmax	mm (in.)	3.4 (0.134)	
Gap height	mm (in.)	6.0 (0.236)	
Voice coil winding height	mm (in.)	12.8 (0.504)	
Driver displacement volume	ft ³	0.042	

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	6.0
Resonance frequency	Fs	Hz	120	1500
Moving mass	Mms	g	9.6	
Compliance	Cms	mm/N	0.20	
Force factor	BxL	N/A	6.80	
Mechanical Q-factor	Qms		3.21	
Electrical Q-factor	Qes		0.45	
Total Q-factor	Qts		0.40	
Equivalent air volume	Vas	l (ft ³)	4.62 (0.13)	
Voice coil Inductance	Le	mH	0.28	
Diaphragm area	Sd	cm ² (in. ²)	128.6 (19.93)	
Reference efficiency	Eta 0	%	1.30	



COX8N

8" COAXIAL

NEODYMIUM MAGNET
ALUMINIUM BASKET COAXIAL

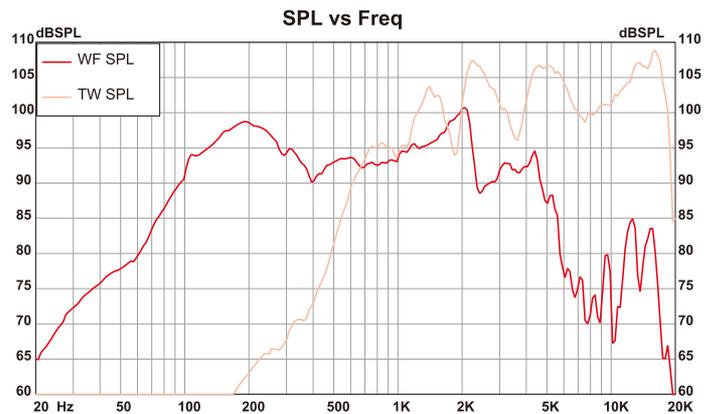
- 2.4 INCH WOOFER CCAW VOICE COIL
- 1.75 INCH TWEETER NALR VOICE COIL
- 96.1 dB/SPL SENSITIVITY
- 400+100 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FRONT
- IDEAL FOR COMPACT 2-WAY SYSTEMS



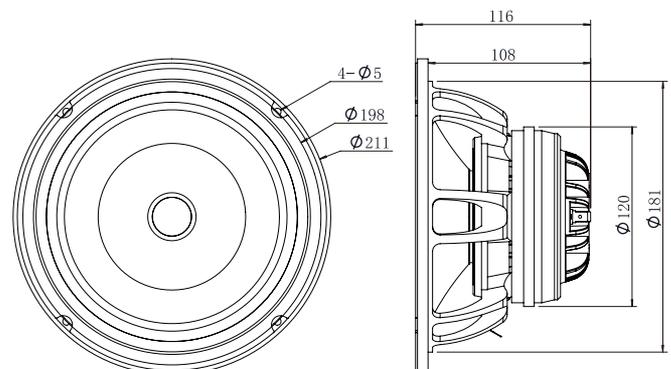
GENERAL SPECIFICATIONS

Type		Woofer	Tweeter
Nominal diameter	mm (in.)	211 (8.31)	
Nominal impedance	Ω	4	8
Minimum impedance	Ω	3.9	6.9
Program power	W	400	100
AES Power rating	W	200	50
Sensitivity	dB	94.6	101
Frequency range	Hz	79-4500	1000-18000
Voice coil diameter	mm (in.)	61.1 (2.4)	44.4 (1.75)
Chassis material	Die-Cast Aluminum Basket		
Magnet material	Neodymium		Neodymium
Magnet dimensions ODxIDxh	(in.) mm	120*65*7 4.72*2.55*0.27	
Coil material	CCA W		NALR
Former material	Kapton		Kapton
Cone material	Water Proof Treated Paper		Polyester
Surround material	Polycotton		
Xmax	mm (in.)	5.35 (0.211)	
Gap height	mm (in.)	8.00 (0.315)	
Voice coil winding height	mm (in.)	14.7 (0.579)	3.1 (0.122)
Driver displacement volume	ft ³	0.0512	

FREQUENCY RESPONSE



DIMENSIONS MM



SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	6.0
Resonance frequency	Fs	Hz	90	1500
Moving mass	Mms	g	19.8	
Compliance	Cms	mm/N	0.14	
Force factor	BxL	N/A	10.8	
Mechanical Q-factor	Qms		2.70	
Electrical Q-factor	Qes		0.28	
Total Q-factor	Qts		0.25	
Equivalent air volume	Vas	l (ft ³)	11.5 (0.40)	
Voice coil Inductance	Le	mH	0.34	
Diaphragm area	Sd	cm ² (in. ²)	213.8 (33.1)	
Reference efficiency	Eta 0	%	1.80	



PM12N

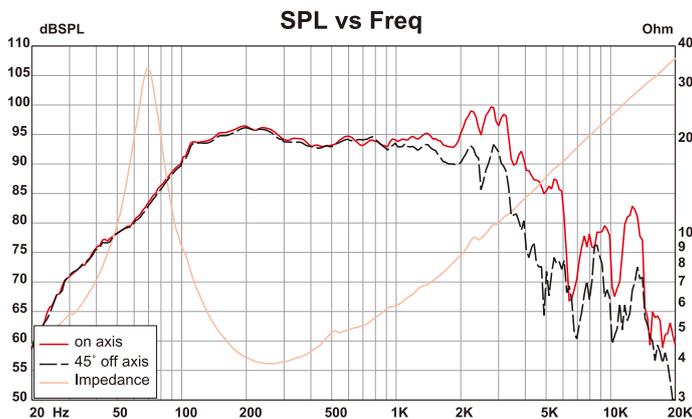
12" PRO WOOFER

NEODYMIUM MAGNET
ALUMINUM BASKET TRANSDUCER

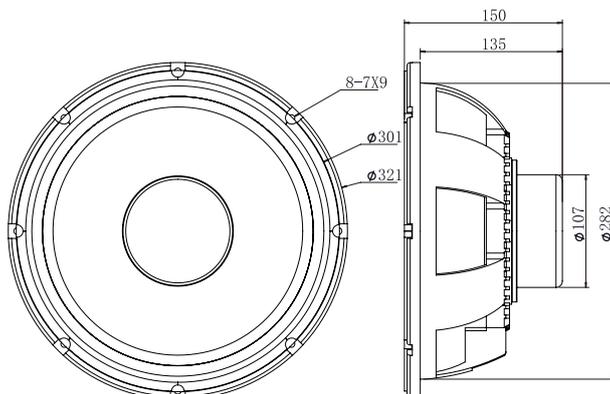


- 3 INCH EDGEWOUND CCA VOICE COIL
- 96.2 dB/SPL SENSITIVITY
- 800 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- ALUMINUM DEMODULATION RING
- KEVLAR-LOADED CONE AND NOMEK SPIDER
- DOUBLE ROLL SURROUND

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	321 (12.63)
Nominal impedance	Ω	4
Minimum impedance	Ω	3.9
Program power	W	800
AES Power rating	W	400
Sensitivity	dB	96.2
Frequency range	Hz	55-5000
Voice coil diameter	mm (in.)	76.5 (3.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Neodymium	
Magnet dimensions ODxDxH	(in.) mm	70*10*10 2.7*0.39*0.39
Coil material	CCAR	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	5.3 (0.208)
Gap height	mm (in.)	10.5 (0.413)
Voice coil winding height	mm (in.)	16 (0.629)
Driver displacement volume	ft ³	0.103

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.20
Resonance frequency	Fs	Hz	63
Moving mass	Mms	g	60
Compliance	Cms	mm/N	0.089
Force factor	BxL	N/A	12.62
Mechanical Q-factor	Qms		3.93
Electrical Q-factor	Qes		0.51
Total Q-factor	Qts		0.46
Equivalent air volume	Vas	L (ft ³)	35.8 (1.26)
Voice coil Inductance	Le	mH	0.32
Diaphragm area	Sd	cm ² (in ²)	530.9 (82)
Reference efficiency	Eta 0	%	2.16



PW15N

15" PRO SUBWOOFER

NEODYMIUM MAGNET
ALUMINUM BASKET TRANSDUCER

- 4 INCH COPPER VOICE COIL
- 95 dB/SPL SENSITIVITY
- 2000 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- ALUMINIUM DEMODULATING RING
- DOUBLE NOEMEX SPIDER
- TRIPLR ROLL SURROUND



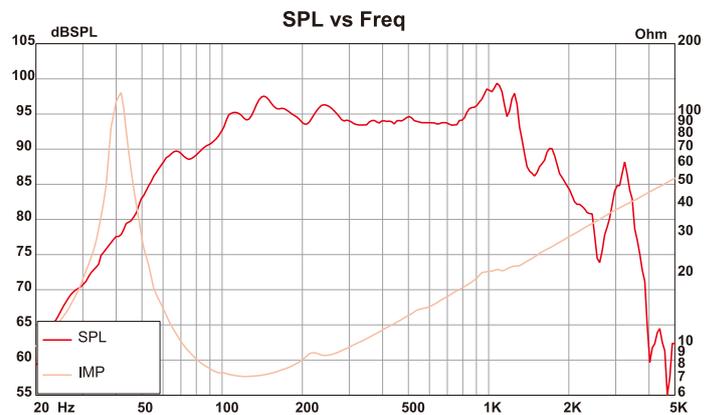
GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	393(15.47)
Nominal impedance	Ω	8
Minimum impedance	Ω	6.4
Program power	W	2000
AES Power rating	W	1000
Sensitivity	dB	95.0
Frequency range	Hz	40-1500
Voice coil diameter	mm (in.)	99.8(4.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Neodymium	
Magnet dimensions ODxDxH	(in.) mm	98.7*20*12 3.88*0.78*0.47
Coil material	Copper (I/O)	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	12.25(0.482)
Gap height	mm (in.)	15(0.590)
Voice coil winding height	mm (in.)	32(1.259)
Driver displacement volume	ft ³	0.353

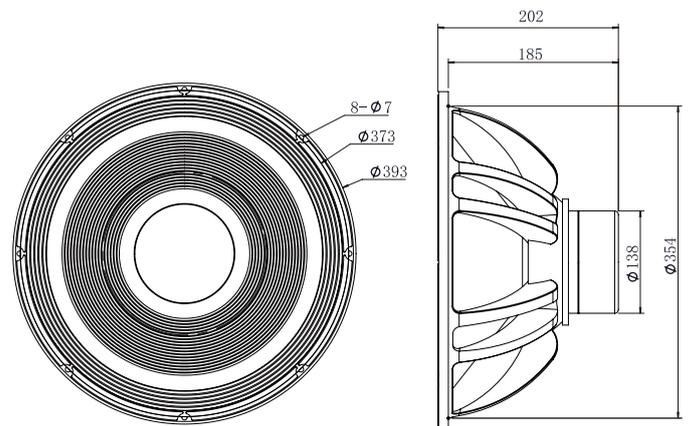
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5.20
Resonance frequency	Fs	Hz	43
Moving mass	Mms	g	186.5
Compliance	Cms	mm/N	0.07
Force factor	BxL	N/A	24.80
Mechanical Q-factor	Qms		8.26
Electrical Q-factor	Qes		0.39
Total Q-factor	Qts		0.37
Equivalent air volume	Vas	L(ft ³)	135.6(4.78)
Voice coil Inductance	Le	mH	1.15
Diaphragm area	Sd	cm ² (in ²)	855.3(132.5)
Reference efficiency	Eta 0	%	2.20

FREQUENCY RESPONSE



DIMENSIONS MM





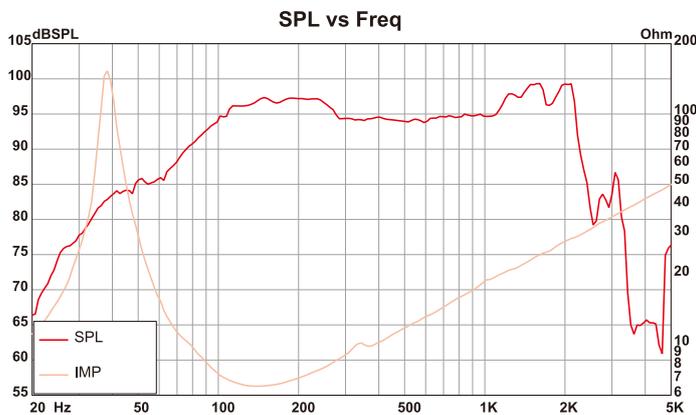
PW18N

18" PRO SUBWOOFER

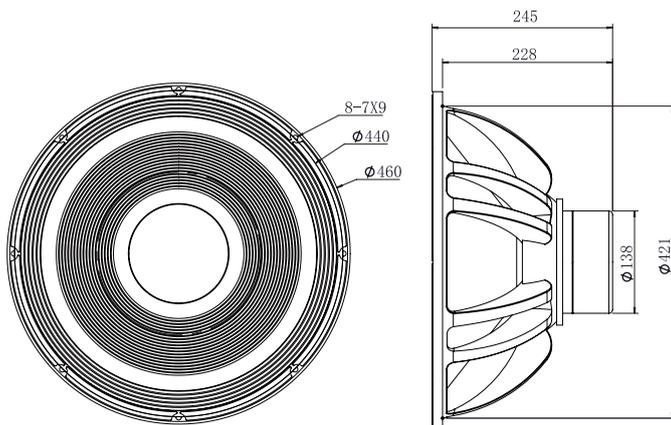
NEODYMIUM MAGNET
ALUMINIUM BASKET TRANSDUCER

- 4 INCH COPPER VOICE COIL
- 96 dB/SPL SENSITIVITY
- 2000 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- ALUMINIUM DEMODULATING RING
- DOUBLE NOEMEX SPIDER
- TRIPLR ROLL SURROUND

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	460(18.11)
Nominal impedance	Ω	8
Minimum impedance	Ω	6.5
Program power	W	2000
AES Power rating	W	1000
Sensitivity	dB	96.0
Frequency range	Hz	39-2200
Voice coil diameter	mm (in.)	99.8(4.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Neodymium	
Magnet dimensions	(in.)	98.7*20*12
ODxIDxH	mm	3.88*0.78*0.47
Coil material	Copper (I/O)	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	12.25 (0.482)
Gap height	mm (in.)	15 (0.590)
Voice coil winding height	mm (in.)	32 (1.259)
Driver displacement volume	ft ³	0.379

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5.20
Resonance frequency	Fs	Hz	39
Moving mass	Mms	g	200.9
Compliance	Cms	mm/N	0.080
Force factor	BxL	N/A	24.90
Mechanical Q-factor	Qms		8.72
Electrical Q-factor	Qes		0.41
Total Q-factor	Qts		0.39
Equivalent air volume	Vas	L(ft ³)	176.7 (6.23)
Voice coil Inductance	Le	mH	1.16
Diaphragm area	Sd	cm ² (in ²)	1125.4 (174.4)
Reference efficiency	Eta 0	%	2.44



COX6G1

6.5" COAXIAL

FERRITE MAGNET
ALUMINIUM BASKET COAXIAL

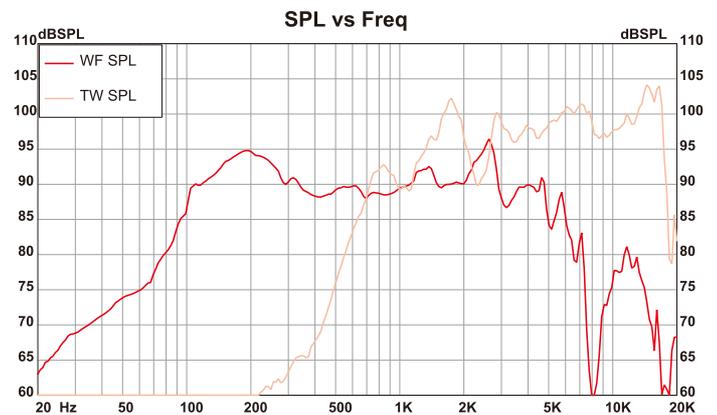
- 2 INCH WOOFER CCAW VOICE COIL
- 1.75 INCH TWEETER NALR VOICE COIL
- 92.5 dB/SPL SENSITIVITY
- 300+100 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FRONT
- IDEAL FOR COMPACT 2-WAY SYSTEMS



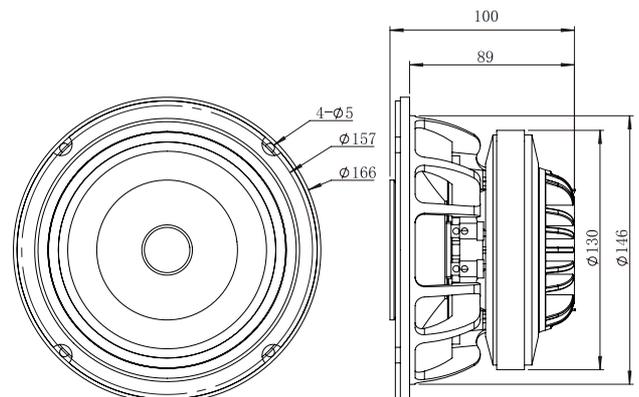
GENERAL SPECIFICATIONS

Type		Woofer	Tweeter
Nominal diameter	mm (in.)		
Nominal impedance	Ω	4	8
Minimum impedance	Ω	3.7	6.9
Program power	W	300	60
AES Power rating	W	150	30
Sensitivity	dB	91.8	102
Frequency range	Hz	100-5000	1000-18000
Voice coil diameter	mm (in.)	50.8 (2)	44.4 (1.75)
Chassis material		Die-Cast Aluminum Basket	
Magnet material		Ferrite	Ferrite
Magnet dimensions ODxDxH	(in.) mm	130*62*15 5.1*2.4*0.59	
Coil material		CCA W	NALR
Former material		Kapton	Kapton
Cone material		Water Proof Treated Paper	Polyester
Surround material		Polycotton	
Xmax	mm (in.)	4.9 (0.192)	
Gap height	mm (in.)	6.0 (0.236)	
Voice coil winding height	mm (in.)	12.8 (0.504)	3.1 (0.122)
Driver displacement volume	ft ³	0.0321	

FREQUENCY RESPONSE



DIMENSIONS MM



SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	6.0
Resonance frequency	Fs	Hz	120	1500
Moving mass	Mms	g	9.2	
Compliance	Cms	mm/N	0.19	
Force factor	BxL	N/A	4.93	
Mechanical Q-factor	Qms		3.31	
Electrical Q-factor	Qes		0.92	
Total Q-factor	Qts		0.72	
Equivalent air volume	Vas	l (ft ³)	4.44 (0.15)	
Voice coil Inductance	Le	mH	0.26	
Diaphragm area	Sd	cm ² (in. ²)	128.6 (19.93)	
Reference efficiency	Eta 0	%	0.80	



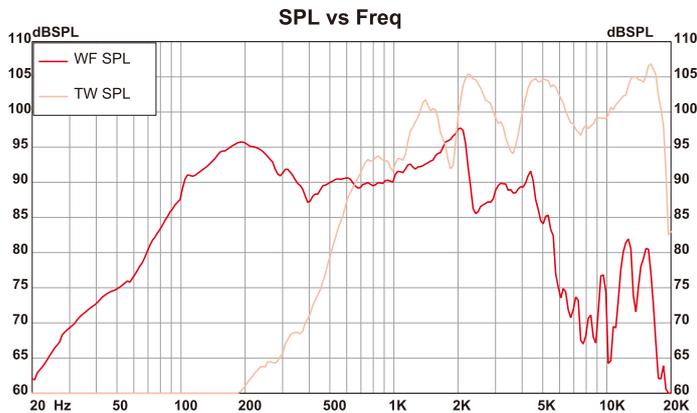
COX8G1

8" COAXIAL

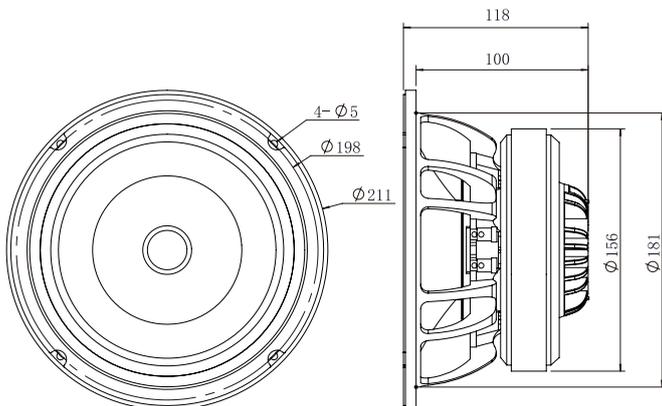
FERRITE MAGNET
ALUMINIUM BASKET COAXIAL

- 2.4 INCH WOOFER CCAW VOICE COIL
- 1.75 INCH TWEETER NALR VOICE COIL
- 93.5 dB/SPL SENSITIVITY
- 400 +100 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FRONT
- IDEAL FOR COMPACT 2-WAY SYSTEMS

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Type		Woofer	Tweeter
Nominal diameter	mm (in.)		
Nominal impedance	Ω	4	8
Minimum impedance	Ω	3.9	6.9
Program power	W	400	100
AES Power rating	W	200	50
Sensitivity	dB	92.3	101
Frequency range	Hz	80-2500	1000-18000
Voice coil diameter	mm (in.)	61.1 (2.4)	44.4 (1.75)
Chassis material		Die-Cast Aluminum Basket	
Magnet material		Ferrite	Ferrite
Magnet dimensions ODxDxh	(in.) mm	156*70*20 6.1*2.7*0.78	
Coil material		CCA W	NALR
Former material		Kapton	Kapton
Cone material		Water Proof Treated Paper	Polyester
Surround material		Polycotton	
Xmax	mm (in.)	5.35 (0.210)	
Gap height	mm (in.)	8.0 (0.314)	
Voice coil winding height	mm (in.)	14.7 (0.578)	3.1 (0.122)
Driver displacement volume	ft ³	0.053	

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	6.0
Resonance frequency	Fs	Hz	90	1500
Moving mass	Mms	g	19.2	
Compliance	Cms	mm/N	0.16	
Force factor	BxL	N/A	7.60	
Mechanical Q-factor	Qms		2.50	
Electrical Q-factor	Qes		0.60	
Total Q-factor	Qts		0.48	
Equivalent air volume	Vas	l (ft ³)	10.5 (0.37)	
Voice coil Inductance	Le	mH	0.35	
Diaphragm area	Sd	cm ² (in. ²)	213.8 (33.1)	
Reference efficiency	Eta 0	%	1.23	



COX10G1

10" COAXIAL

FERRITE MAGNET
ALUMINIUM BASKET COAXIAL

- 2.5 INCH WOOFER CCAW VOICE COIL
- 1.75 INCH TWEETER NALR VOICE COIL
- 95.5 dB/SPL SENSITIVITY
- 500+100 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- SINGLE POINT SOURCE PROVIDING COHERENT WAVE FRONT
- IDEAL FOR COMPACT 2-WAY SYSTEMS



GENERAL SPECIFICATIONS

Type		Woofers	Tweeter
Nominal diameter	mm (in.)	262(10.31)	
Nominal impedance	Ω	4	8
Minimum impedance	Ω	3.9	6.9
Program power	W	500	100
AES Power rating	W	250	50
Sensitivity	dB	95.5	101
Frequency range	Hz	60-3000	1000-18000
Voice coil diameter	mm (in.)	65.5 (2.5)	44.4 (1.75)
Chassis material		Die-Cast Aluminum Basket	
Magnet material		Ferrite	Ferrite
Magnet dimensions	(in.)	160*75*23	
ODxDxH	mm	6.2*2.9*0.9	
Coil material		CCA W	NALR
Former material		Kapton	Kapton
Cone material		Water Proof Treated Paper	Polyester
Surround material		Polycotton	
Xmax	mm (in.)	6.4 (0.251)	
Gap height	mm (in.)	10.0 (0.393)	
Voice coil winding height	mm (in.)	17.8 (0.701)	3.1 (0.122)
Driver displacement volume	ft ³	0.075	

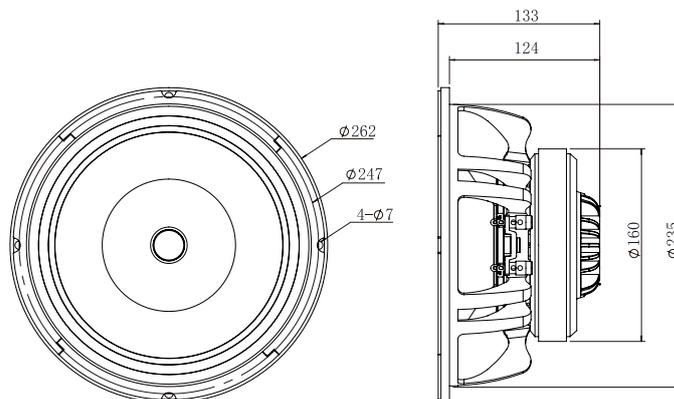
FREQUENCY RESPONSE



DIMENSIONS MM

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.2	6.0
Resonance frequency	Fs	Hz	70	1500
Moving mass	Mms	g	34.9	
Compliance	Cms	mm/N	0.14	
Force factor	BxL	N/A	10.5	
Mechanical Q-factor	Qms		2.95	
Electrical Q-factor	Qes		0.45	
Total Q-factor	Qts		0.39	
Equivalent air volume	Vas	L (ft ³)	24.4 (0.86)	
Voice coil Inductance	Le	mH	0.39	
Diaphragm area	Sd	cm ² (in. ²)	346.3 (53.6)	
Reference efficiency	Eta 0	%	1.88	





PM12F

12" PRO WOOFER

FERRITE MAGNET
ALUMINUM BASKET TRANSDUCER

- 4 INCH COPPER VOICE COIL
- 96 dB/SPL SENSITIVITY
- 1600 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- KEVLAR-LOADED CONE AND NOMEX SPIDER
- TRIPLE ROLL SURROUND

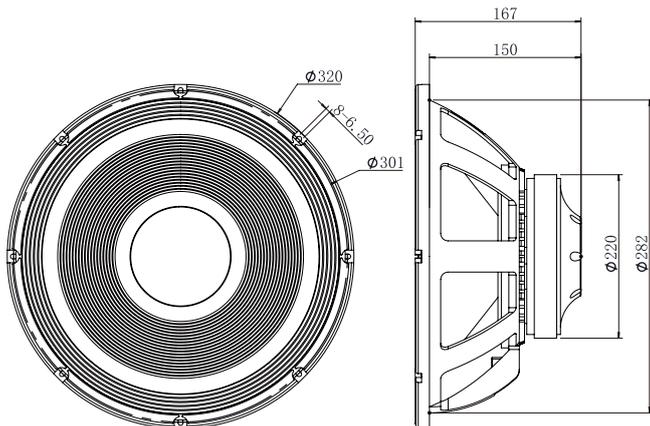
FREQUENCY RESPONSE



GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	320 (12.60)
Nominal impedance	Ω	4
Minimum impedance	Ω	3.8
Program power	W	1600
AES Power rating	W	800
Sensitivity	dB	96.0
Frequency range	Hz	40-3500
Voice coil diameter	mm (in.)	99.8 (4.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Ferrite	
Magnet dimensions	(in.)	220*110*23
	mm	8.6*4.3*0.9
Coil material	Copper (I/O)	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	6.5 (0.255)
Gap height	mm (in.)	8 (0.314)
Voice coil winding height	mm (in.)	17.2 (0.677)
Driver displacement volume	ft ³	0.113

DIMENSIONS MM



SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.20
Resonance frequency	Fs	Hz	46
Moving mass	Mms	g	82.8
Compliance	Cms	mm/N	0.14
Force factor	BxL	N/A	17.39
Mechanical Q-factor	Qms		7.47
Electrical Q-factor	Qes		0.25
Total Q-factor	Qts		0.24
Equivalent air volume	Vas	L (ft ³)	56.9 (2.0)
Voice coil Inductance	Le	mH	0.635
Diaphragm area	Sd	cm ² (in ²)	539.1 (83.5)
Reference efficiency	Eta 0	%	2.21



PW15F

15" PRO SUBWOOFER

FERRITE MAGNET
ALUMINUM BASKET TRANSDUCER

- 4 INCH COPPER VOICE COIL
- 95 dB/SPL SENSITIVITY
- 2000 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- DOUBLE NOMEX SPIDER
- TRIPLR ROLL SURROUND



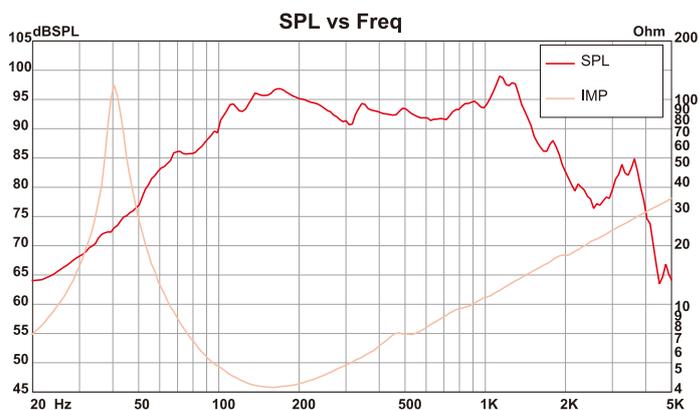
GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	394(15.51)
Nominal impedance	Ω	4
Minimum impedance	Ω	3.6
Program power	W	2000
AES Power rating	W	1000
Sensitivity	dB	95.0
Frequency range	Hz	36-1500
Voice coil diameter	mm (in.)	99.8 (4.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Ferrite	
Magnet dimensions ODxDxH	(in.) mm	220*110*30 8.6*4.7*1.18
Coil material	Copper (1/0)	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	10 (0.393)
Gap height	mm (in.)	10 (0.393)
Voice coil winding height	mm (in.)	25.0 (0.984)
Driver displacement volume	ft ³	0.352

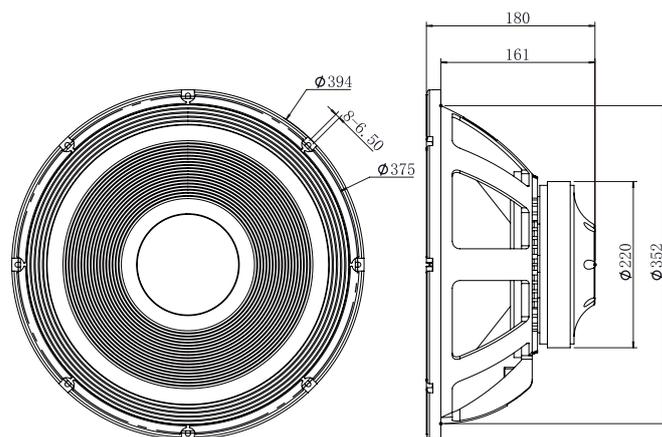
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.20
Resonance frequency	Fs	Hz	41
Moving mass	Mms	g	160
Compliance	Cms	mm/N	0.09
Force factor	BxL	N/A	19.76
Mechanical Q-factor	Qms		10.52
Electrical Q-factor	Qes		0.33
Total Q-factor	Qts		0.32
Equivalent air volume	Vas	L(ft ³)	97.9(3.45)
Voice coil Inductance	Le	mH	1.18
Diaphragm area	Sd	cm ² (in ²)	855.3(132.5)
Reference efficiency	Eta 0	%	1.93

FREQUENCY RESPONSE



DIMENSIONS MM





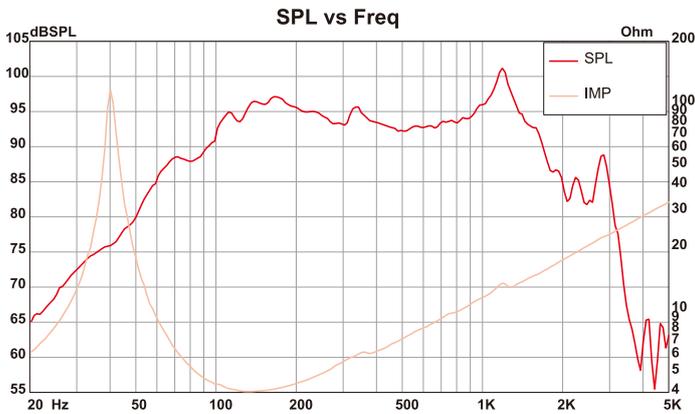
PW18F

18" PRO SUBWOOFER

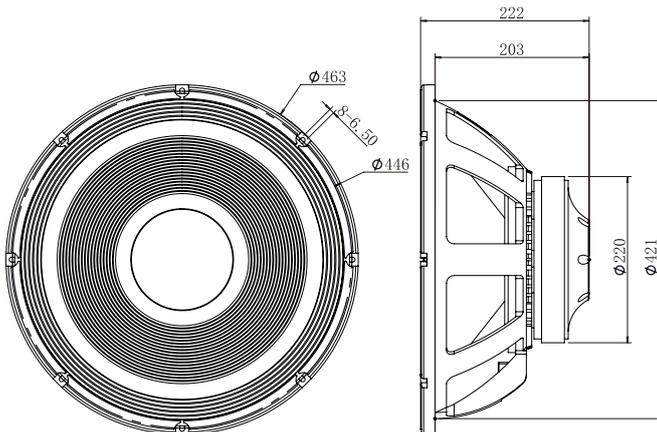
FERRITE MAGNET
ALUMINUM BASKET TRANSDUCER

- 4 INCH COPPER VOICE COIL
- 95 dB/SPL SENSITIVITY
- 2000 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- DOUBLE NOMEX SPIDER
- TRIPLR ROLL SURROUND

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	463(18.23)
Nominal impedance	Ω	4
Minimum impedance	Ω	3.8
Program power	W	2000
AES Power rating	W	1000
Sensitivity	dB	95.0
Frequency range	Hz	35-1200
Voice coil diameter	mm (in.)	99.8(4.0)
Chassis material	Die-Cast Aluminum Basket	
Magnet material	Ferrite	
Magnet dimensions ODxIDxH	(in.) mm	220*110*30 8.6*4.7*1.18
Coil material	Copper (I/O)	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Polycotton	
Xmax	mm (in.)	10(0.393)
Gap height	mm (in.)	10(0.393)
Voice coil winding height	mm (in.)	25.0(0.984)
Driver displacement volume	ft ³	0.382

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	3.20
Resonance frequency	Fs	Hz	40
Moving mass	Mms	g	235.8
Compliance	Cms	mm/N	0.06
Force factor	BxL	N/A	20.25
Mechanical Q-factor	Qms		11.58
Electrical Q-factor	Qes		0.46
Total Q-factor	Qts		0.44
Equivalent air volume	Vas	L (ft ³)	139.9(4.9)
Voice coil Inductance	Le	mH	1.13
Diaphragm area	Sd	cm ² (in ²)	1225.4(189.9)
Reference efficiency	Eta 0	%	1.93



DE34

1.35" COMPRESSION DRIVER

FERRITE MAGNET
ALUMINIUM COVER DRIVER

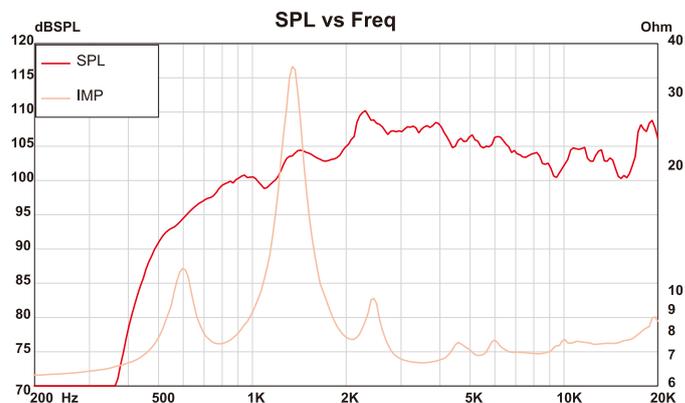
- 1.35 INCH CCAR VOICE COIL
- 104 dB/SPL SENSITIVITY
- 60 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR, PHASEPLUG AND DIAPHRAGM
- 1400-20000 Hz FREQUENCY RANGE
- TITANIUM DIAPHRAGM



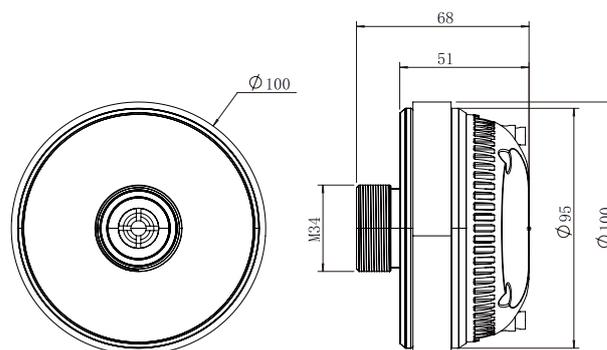
GENERAL SPECIFICATIONS

Throat diameter	mm (in.)	25.4 (1.0)
Nominal impedance	Ω	8
Minimum impedance	Ω	7.6
Program power	W	60
AES Power rating	W	30
Sensitivity	dB	104
Frequency range	Hz	1400-20000
Voice coil diameter	mm (in.)	34.5 (1.35)
Magnet material	Ferrite	
Magnet OD	mm(in.)	100 (4.0)
Coil material	Edge wound CCR	
Former material	Kapton	
Diaphragm material	Titanium	
Surround material	Titanium	
Voice coil Inductance	mH	0.014
Recommended crossover	Hz	2800
Driver displacement volume	(ft³)	0.014

FREQUENCY RESPONSE



DIMENSIONS MM





DE44

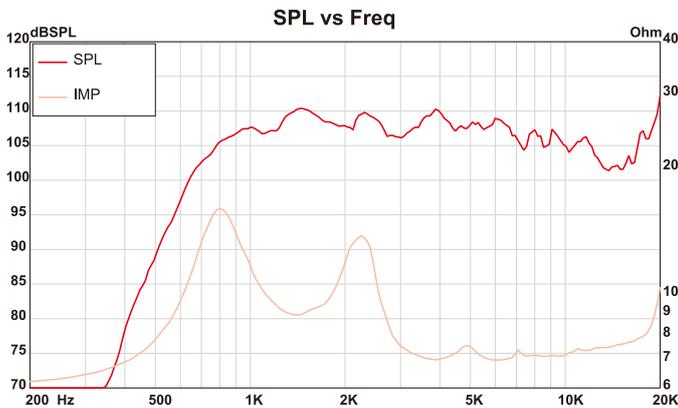
1.75" COMPRESSION DRIVER



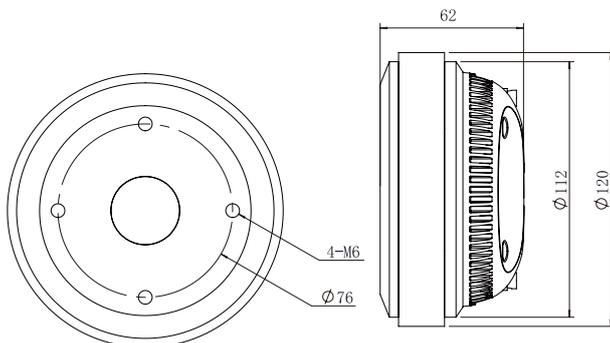
FERRITE MAGNET
ALUMINIUM COVER DRIVER

- 1.75 INCH CCAR VOICE COIL
- 106 dB/SPL SENSITIVITY
- 100 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR, PHASEPLUG AND DIAPHRAGM
- 800-20000 Hz FREQUENCY RANGE
- TITANIUM DIAPHRAGM

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Throat diameter	mm (in.)	25.4 (1.0)
Nominal impedance	Ω	8
Minimum impedance	Ω	7
Program power	W	100
AES Power rating	W	50
Sensitivity	dB	106
Frequency range	Hz	800-20000
Voice coil diameter	mm (in.)	44.4 (1.75)
Magnet material	Ferrite	
Magnet OD	mm(in.)	120 (4.7)
Coil material	Edge wound CCA	
Former material	Kapton	
Diaphragm material	Titanium	
Surround material	Titanium	
Voice coil Inductance	mH	0.046
Recommended crossover	Hz	1600
Driver displacement volume	(ft ³)	0.024



DE51

2.0" COMPRESSION DRIVER

FERRITE MAGNET
ALUMINIUM COVER DRIVER

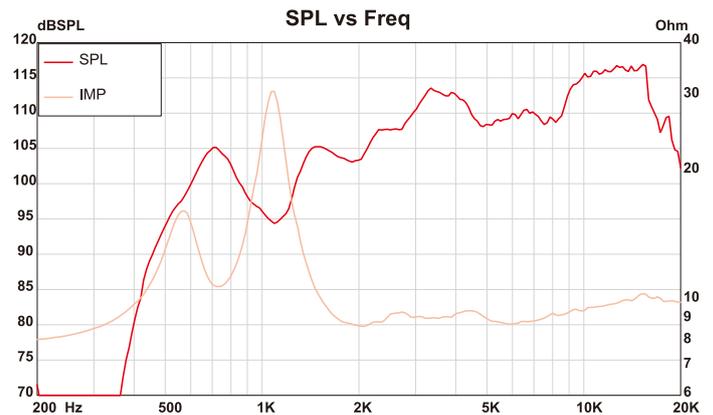
- 2 INCH CCAR VOICE COIL
- 108 dB/SPL SENSITIVITY
- 160 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR, PHASEPLUG AND DIAPHRAGM
- 1200-17000 Hz FREQUENCY RANGE
- TITANIUM DIAPHRAGM



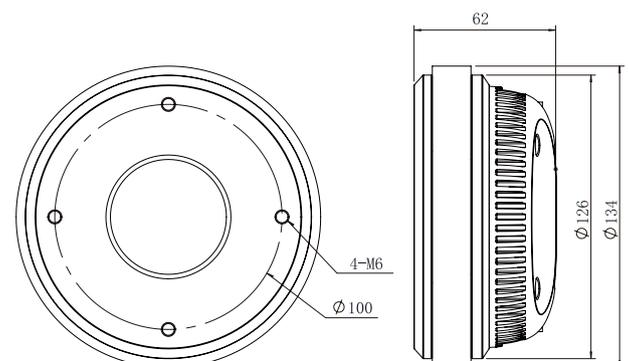
GENERAL SPECIFICATIONS

Throat diameter	mm (in.)	50 (2.0)
Nominal impedance	Ω	8
Minimum impedance	Ω	8.6
Program power	W	160
AES Power rating	W	80
Sensitivity	dB	108
Frequency range	Hz	1200-17000
Voice coil diameter	mm (in.)	51.1 (2.0)
Magnet material	Ferrite	
Magnet OD	mm(in.)	134 (5.27)
Coil material	Edge wound CCA	
Former material	Kapton	
Diaphragm material	Titanium	
Surround material	Titanium	
Voice coil Inductance	mH	0.014
Recommended crossover	Hz	2400
Driver displacement volume	(ft ³)	0.031

FREQUENCY RESPONSE



DIMENSIONS MM





DE75

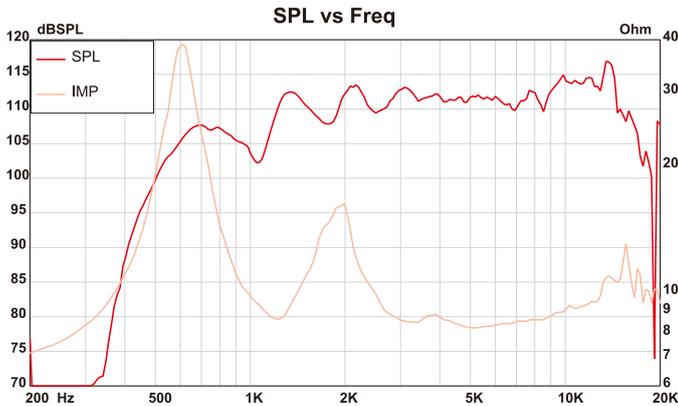
3.0" COMPRESSION DRIVER



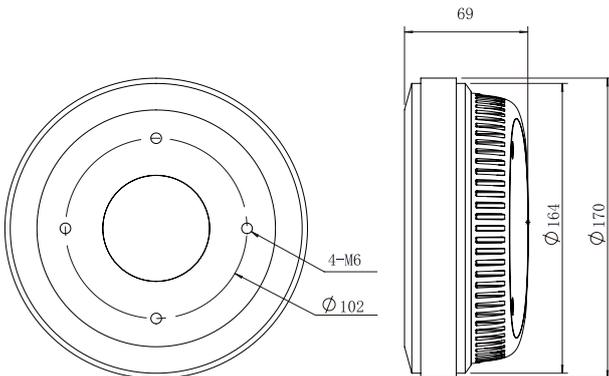
FERRITE MAGNET
ALUMINIUM COVER DRIVER

- 3 INCH CCAR VOICE COIL
- 112 dB/SPL SENSITIVITY
- 200 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR, PHASEPLUG AND DIAPHRAGM
- 600-18000 Hz FREQUENCY RANGE
- TITANIUM DIAPHRAGM

FREQUENCY RESPONSE



DIMENSIONS MM



GENERAL SPECIFICATIONS

Throat diameter	mm (in.)	50 (2.0)
Nominal impedance	Ω	8
Minimum impedance	Ω	8.2
Program power	W	200
AES Power rating	W	100
Sensitivity	dB	112
Frequency range	Hz	600-18000
Voice coil diameter	mm (in.)	74.5 (3.0)
Magnet material	Ferrite	
Magnet OD	mm(in.)	170 (6.69)
Coil material	Edge wound CCA	
Former material	Kapton	
Diaphragm material	Titanium	
Surround material	Titanium	
Voice coil Inductance	mH	0.022
Recommended crossover	Hz	1200
Driver displacement volume	(ft³)	0.055

CFS
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