

**FOSHAN ZZS  
AUDIO EQUIPMENT CO., LTD.**

[WWW.RZPROAUDIO.COM](http://WWW.RZPROAUDIO.COM)

# 佛山众之声音响设备有限公司

## FoShan ZZS Audio Equipment Co., Ltd.

### 公司简介

Company profile

众之声主要生产纸盆喇叭，同轴喇叭，中音喇叭，高音喇叭。我们主要提供低音6.5寸到24寸，中音3.5寸到15寸，高音1.4寸到4寸。

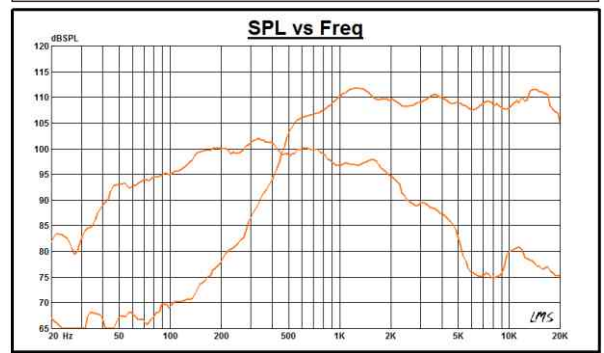
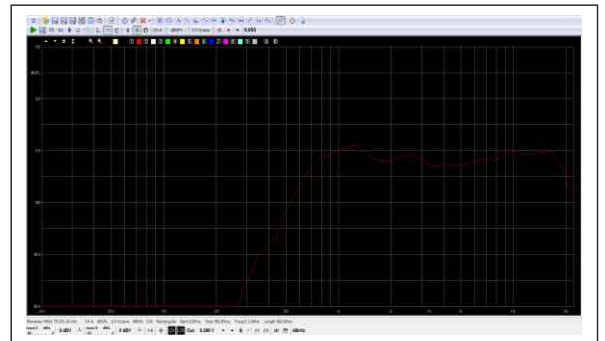
我们工程师用CLIO 与LMS 软件保证每步设计最优。我们的产品应用于全球的夜总会到体育馆，演唱会等。我们产品质量可靠，一致性好，拥有显著的声音特色。

我们的产品在包装前经过6次测试，包括磁通量，纯音测试，噪音扫描测试，极性测试，CLIO11的频响与阻抗测试。

ZZS Speakers primary line consists of high frequency drivers and coaxial components, and cone drivers. We have made a strong commitment to provide a well-balanced line of Low Frequency drivers that range from 5.5" to 24", and mid from 3.5inch to 15inch, as well as a very complete line of High Frequency drivers.

Our engineers have optimized each design with CLIO & LMS software to ensure each design operates to its fullest potential time and time again. From nightclubs, to stadiums, to concert halls around the world, our products are chosen based on their reliability, consistency and most of all for their outstanding sound quality.

All products quality tested 6 times before packing, including Flux density tested pure tone, tested noise by scan frequency machine, tested polarity, tested frequency range and impedance by Clio 11.



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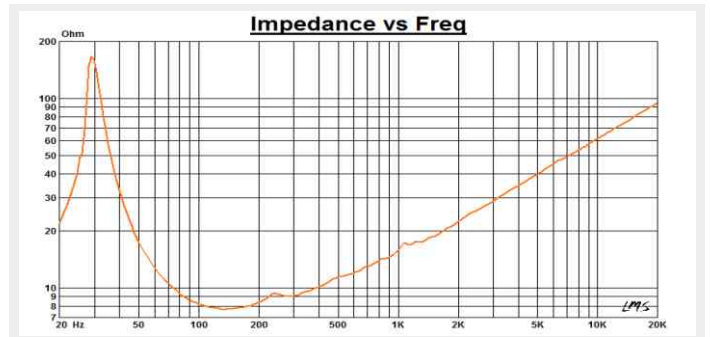
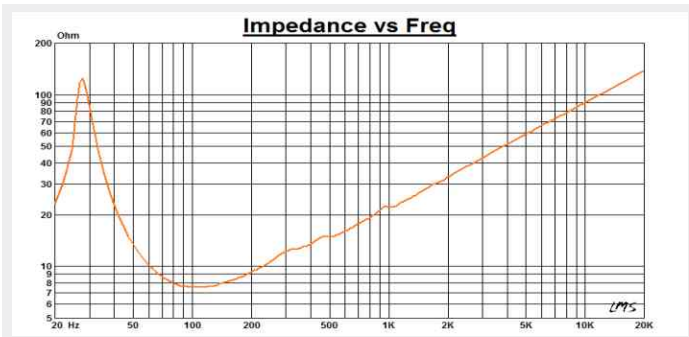
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# S24WF15208N

# S21WF15209N



## Specifications

TYPE	Subwoofer
Nominal Diameter	620 mm/24 in
Rated impedance	8 ohm
POWER (AES)	2100 W
Program Power	4200 W
Sensitivity(1w/1m)	97 dB
Frequency Range	27Hz-600Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	27 Hz
Re	5.6 ohm
Qms	7.4
Qes	0.4
Qts	0.39
Vas	530 L
Sd	0.2256 m <sup>2</sup>
Mms	512 g
BL	38 T.M

## Mounting Information

Overall Diameter	φ620 mm/φ24.4 in
Bolt Circle Diameter	φ592 mm/φ23.3 in
Mount Baffle Cut-out	φ572 mm/φ22.5 in
Depth	280 mm/11 in
Bolt Hole Diameter	8-φ8mm/8-φ0.32 in

## Shipping Information

Net Weight (1 unit)	20.5 kg
Shipping Weight (1 unit)	24 kg
Package Size (1 unit)	68x69x36cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	548 mm/21 in
Rated impedance	8 ohm
POWER (AES)	2000 W
Program Power	4000 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	29Hz-600Hz
Voice Coil Diameter	153 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	30 Hz
Re	6 ohm
Qms	8.18
Qes	0.3
Qts	0.29
Vas	330 L
Sd	0.18 m <sup>2</sup>
Mms	416 g
BL	39 T.M

## Mounting Information

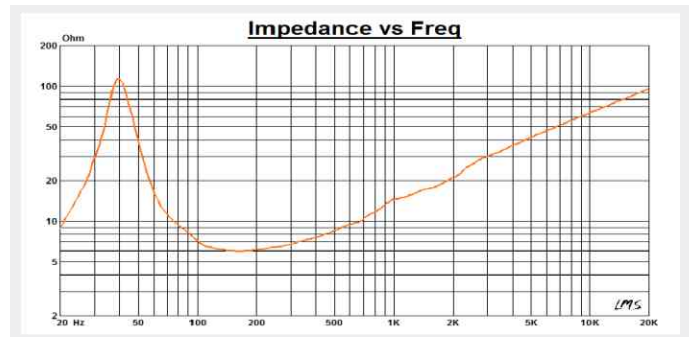
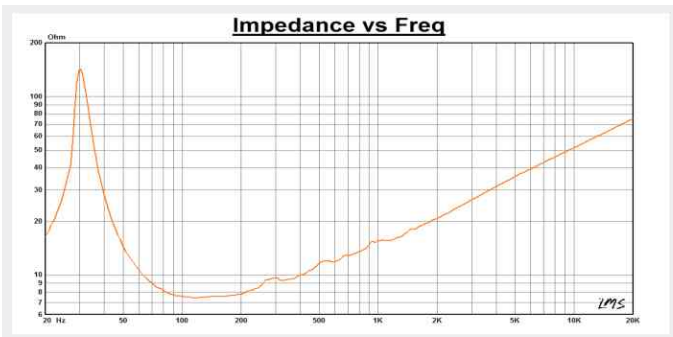
Overall Diameter	φ547 mm/φ21.54 in
Bolt Circle Diameter	φ527 mm/φ20.75 in
Mount Baffle Cut-out	φ508 mm/φ20 in
Depth	261 mm/10.28 in
Bolt Hole Diameter	8-φ8mm/8-φ0.37 in

## Shipping Information

Net Weight (1 unit)	18.5 kg
Shipping Weight (1 unit)	22 kg
Package Size (1 unit)	58x58x32cm

# S21WF115N-8

# S18WF15208N



## Specifications

TYPE	Subwoofer
Nominal Diameter	548 mm/21 in
Rated impedance	8 ohm
POWER (AES)	1700W
Program Power	3400 W
Sensitivity(1w/1m)	99 dB
Frequency Range	31Hz-1200Hz
Voice Coil Diameter	115 mm/4.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	31 Hz
Re	5.5 ohm
Qms	8.9962
Qes	0.3528
Qts	0.34
Vas	250 L
Sd	0.177 m <sup>2</sup>
Mms	342 g
BL	35 T.M

## Mounting Information

Overall Diameter	φ549 mm/φ21.6 in
Bolt Circle Diameter	φ525 mm/φ20.6 in
Mount Baffle Cut-out	φ506mm/φ20 in
Depth	253 mm/9.96 in
Bolt Hole Diameter	8-φ8mm/8-φ0.37 in

## Shipping Information

Net Weight (1 unit)	14.05 kg
Shipping Weight (1 unit)	17 kg
Package Size (1 unit)	61x59x34cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	2000 W
Program Power	4000 W
Sensitivity(1w/1m)	96 dB
Frequency Range	38Hz-1000Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	38 Hz
Re	5.6 ohm
Qms	6.9
Qes	0.4
Qts	0.38
Vas	91 L
Sd	0.124 m <sup>2</sup>
Mms	325 g
BL	37 T.M

## Mounting Information

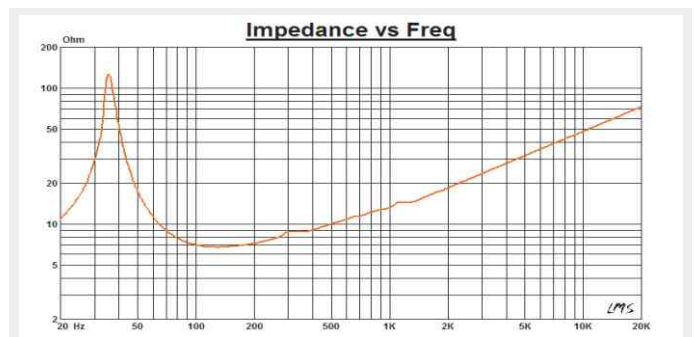
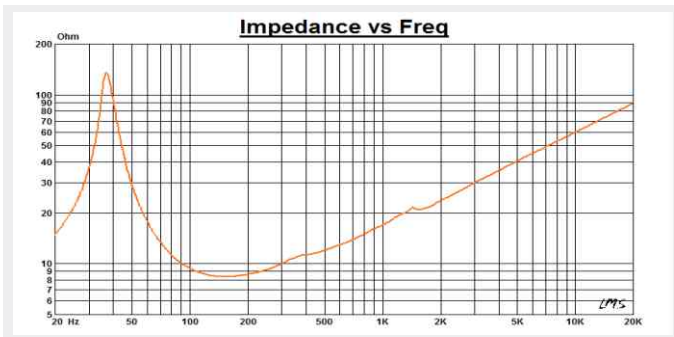
Overall Diameter	φ464 mm/φ18.27 in
Bolt Circle Diameter	φ445 mm/φ17.5 in
Mount Baffle Cut-out	φ422mm/φ16.6 in
Depth	220 mm/8.7 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	18.3 kg
Shipping Weight (1 unit)	22 kg
Package Size (1 unit)	52x52x29cm

# S18WF11508N

# S18WF10028N



## Specifications

TYPE	Subwoofer
Nominal Diameter	465 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1500 W
Program Power	3000 W
Sensitivity(1w/1m)	98 dB
Frequency Range	35Hz-1500Hz
Voice Coil Diameter	115 mm/4.5 in
Voice Coil Material	Copper outside/inside

## Thiele Small Parameters

Fs	35 Hz
Re	5.5ohm
Qms	7.4215
Qes	0.371
Qts	0.35
Vas	157L
Sd	0.1257 m <sup>2</sup>
Mms	258.02 g
BL	33 T.M

## Mounting Information

Overall Diameter	φ460mm/φ18 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ426 mm/φ16.8 in
Depth	240 mm/9.45 in
Bolt Hole Diameter	8-11*7mm/8-0.45*0.3 in

## Shipping Information

Net Weight (1 unit)	9.3 kg
Shipping Weight(1 unit)	11.3 kg
Package Size (1 unit)	50x50x28cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1000 W
Program Power	2000 W
Sensitivity(1w/1m)	95 dB
Frequency Range	35Hz-1500Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	35 Hz
Re	5.0 ohm
Qms	9.83
Qes	0.40
Qts	0.38
Vas	174 L
Sd	0.1257 m <sup>2</sup>
Mms	258 g
BL	27 T.M

## Mounting Information

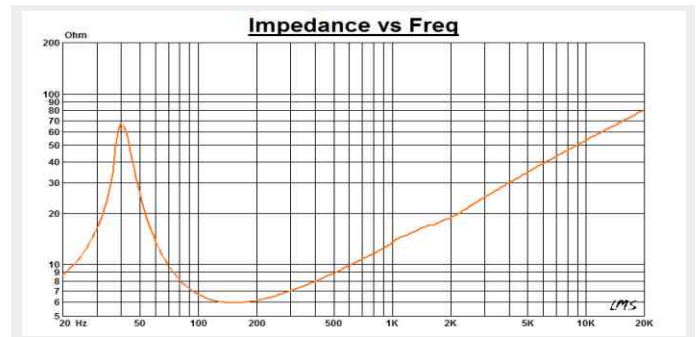
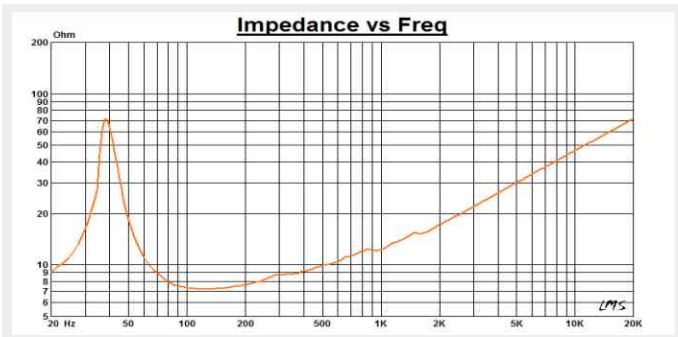
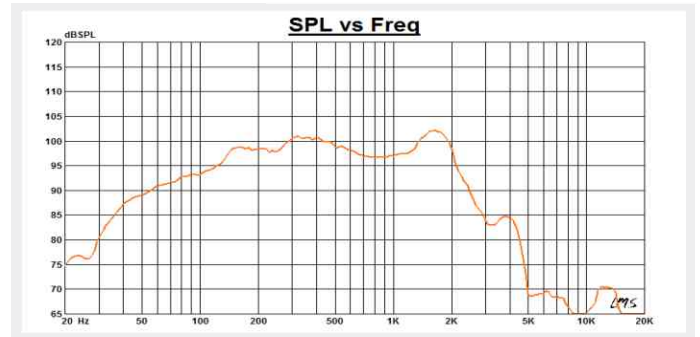
Overall Diameter	φ460 mm/φ18 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ423 mm/φ16.7 in
Depth	255 mm/10.1 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	10.5 kg
Shipping Weight(1 unit)	12.5 kg
Package Size (1 unit)	50x50x29cm

# S18WF10015N

# S15WF10015N



## Specifications

TYPE	Subwoofer	Fs	38 Hz
Nominal Diameter	460 mm/18 in	Re	5.3 ohm
Rated impedance	8 ohm	Qms	7.2000
POWER (AES)	1000 W	Qes	0.4400
Program Power	2000 W	Qts	0.4500
Sensitivity(1w/1m)	96 dB	Vas	180 L
Frequency Range	38Hz-1500Hz	Sd	0.1257 m <sup>2</sup>
Voice Coil Diameter	100 mm/4 in	Mms	211 g
Voice Coil Material	Copper out/in	BL	24 T.M

## Thiele Small Parameters

## Specifications

TYPE	Woofer	Fs	49 Hz
Nominal Diameter	380 mm/15 in	Re	5.0 ohm
Rated impedance	8 ohm	Qms	5.6
POWER (AES)	1000 W	Qes	0.41
Program Power	2000 W	Qts	0.37
Sensitivity(1w/1m)	96 dB	Vas	73 L
Frequency Range	49Hz-1500Hz	Sd	0.09 m <sup>2</sup>
Voice Coil Diameter	100 mm/4 in	Mms	159 g
Voice Coil Material	Copper out/in	BL	25 T.M

## Thiele Small Parameters

## Mounting Information

Overall Diameter	φ460 mm/φ18 in	Net Weight (1 unit)	9.3 kg
Bolt Circle Diameter	φ440 mm/φ17.3 in	Shipping Weight(1 unit)	11 kg
Mount Baffle Cut-out	φ422 mm/φ16.6 in	Package Size (1 unit)	50x50x24cm
Depth	209 mm/8.2 in		
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in		

## Shipping Information

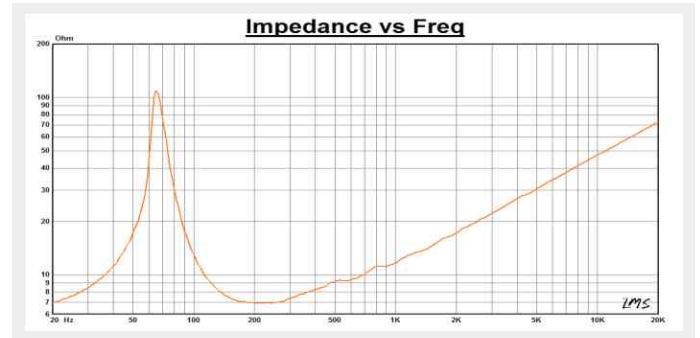
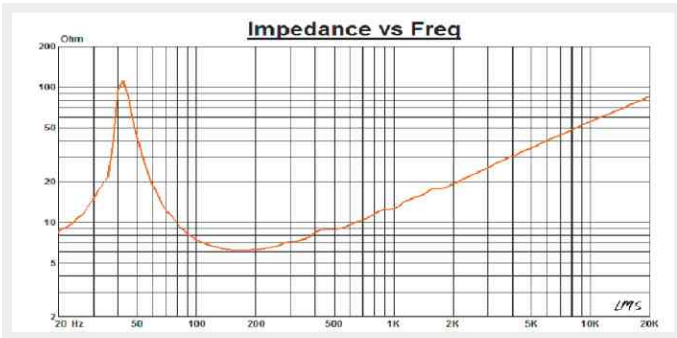
## Mounting Information

Overall Diameter	φ393 mm/φ15.5 in	Net Weight (1 unit)	8.6 kg
Bolt Circle Diameter	φ374 mm/φ14.7 in	Shipping Weight(1 unit)	10.2 kg
Mount Baffle Cut-out	φ356 mm/φ14 in	Package Size (1 unit)	42x42x21cm
Depth	181 mm/7.1 in		
Bolt Hole Diameter	8-φ7.5mm/8-φ0.29 in		

## Shipping Information

# S15WF10008N

# 15WF10020N



## Specifications

TYPE	Subwoofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	1000 W
Program Power	2000 W
Sensitivity(1w/1m)	96 dB
Frequency Range	43.5Hz-2200Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	43.5 Hz
Re	5.0 ohm
Qms	7.2122
Qes	0.3812
Qts	0.3621
Vas	95 L
Sd	0.0908 m <sup>2</sup>
Mms	157 g
BL	24 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ376 mm/φ14.8 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	180 mm/7.1 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	8 kg
Shipping Weight (1 unit)	9.5 kg
Package Size (1 unit)	42x42x20cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	700 W
Program Power	1400 W
Sensitivity(1w/1m)	98 dB
Frequency Range	65Hz-3000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper in/out

## Thiele Small Parameters

Fs	65 Hz
Re	5.5ohm
Qms	6.25
Qes	0.47
Qts	0.45
Vas	41L
Sd	0.0919 m <sup>2</sup>
Mms	125 g
BL	26.5 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ356 mm/φ14 in
Depth	170 mm/6.69 in
Bolt Hole Diameter	8-7mm/8-0.28 in

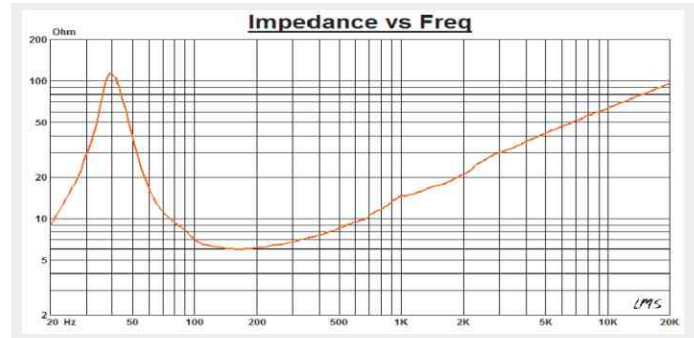
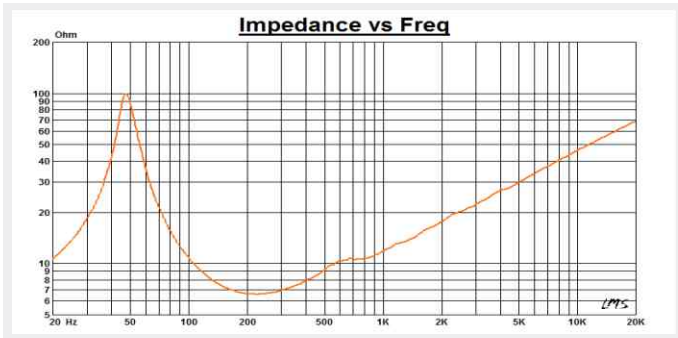
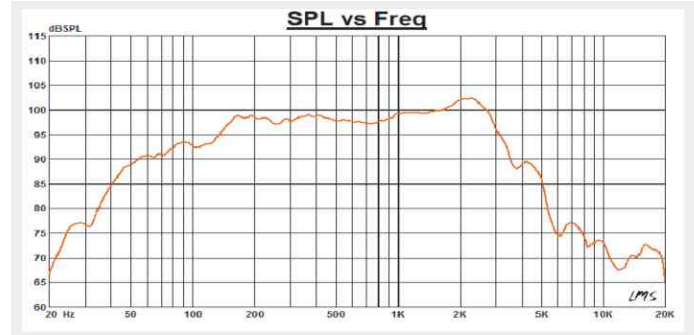
## Shipping Information

Net Weight (1 unit)	6 kg
Shipping Weight (2 unit)	15.7 kg
Package Size (2 unit)	44x44x45 CM



# 15WF8608N

# 15WF7508N



## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	97.5 dB
Frequency Range	47Hz-3000Hz
Voice Coil Diameter	88 mm/3.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	47 Hz
Re	5.3 ohm
Qms	6
Qes	0.32
Qts	0.31
Vas	131.4 L
Sd	0.090 m <sup>2</sup>
Mms	97 g
BL	21.7 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	169 mm/6.65 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	5.9 kg
Shipping Weight (1 unit)	7.3 kg
Package Size (1 unit)	42x42x20cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	98 dB
Frequency Range	40Hz-3000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	40 Hz
Re	6.0 ohm
Qms	3.6
Qes	0.26
Qts	0.25
Vas	205 L
Sd	0.086 m <sup>2</sup>
Mms	80 g
BL	21 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	169 mm/6.65 in
Bolt Hole Diameter	8-7mm/8-0.28 in

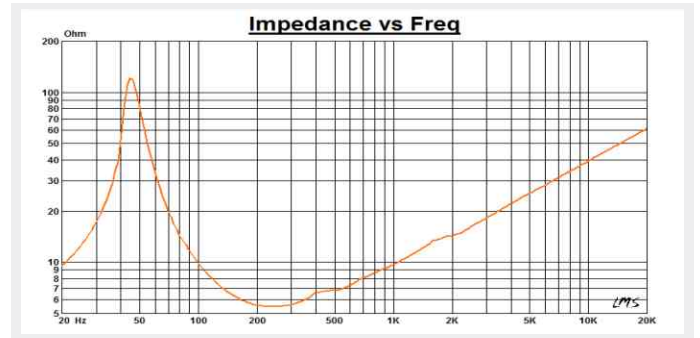
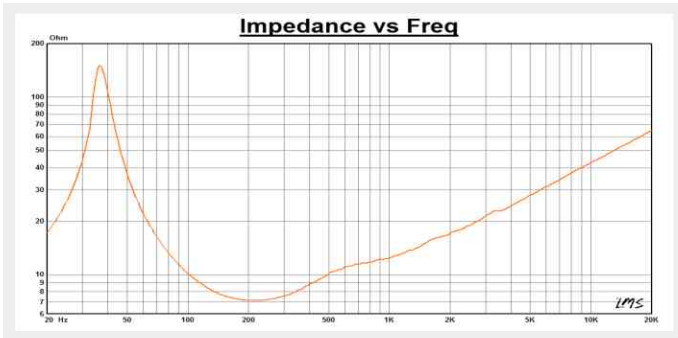
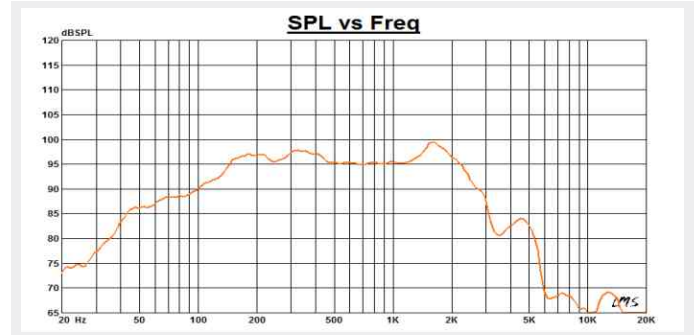
## Shipping Information

Net Weight (1 unit)	4.5 kg
Shipping Weight (1 unit)	6.0 kg
Package Size (1 unit)	42x42x20cm

# 15WF7501N



# S12WF10011N



## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	99 dB
Frequency Range	36Hz-3000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	36 Hz
Re	5.6ohm
Qms	7.8239
Qes	0.2589
Qts	0.25
Vas	196L
Sd	0.0866 m <sup>2</sup>
Mms	104 g
BL	23 T.M

## Mounting Information

Overall Diameter	φ390 mm/φ15.35 in
Bolt Circle Diameter	φ371mm/φ14.6 in
Mount Baffle Cut-out	φ355 mm/φ14.0 in
Depth	170 mm/6.69 in
Bolt Hole Diameter	8-6.5mm/8-0.26 in

## Shipping Information

Net Weight (1 unit)	5.9 kg
Shipping Weight (1 unit)	6.3kg
Package Size (1 unit)	42x42x20CM

## Specifications

TYPE	Woofer
Nominal Diameter	315 mm/12 in
Rated impedance	4 ohm
POWER (AES)	600 W
Program Power	1200 W
Sensitivity(1w/1m)	95 dB
Frequency Range	45Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	45 Hz
Re	4 ohm
Qms	6.52
Qes	0.22
Qts	0.21
Vas	49.6 L
Sd	0.055 m <sup>2</sup>
Mms	115 g
BL	25 T.M

## Mounting Information

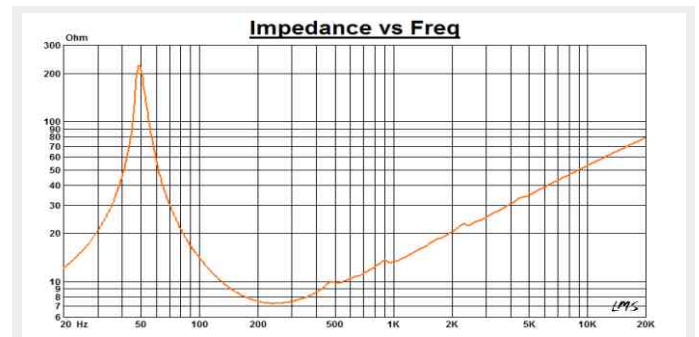
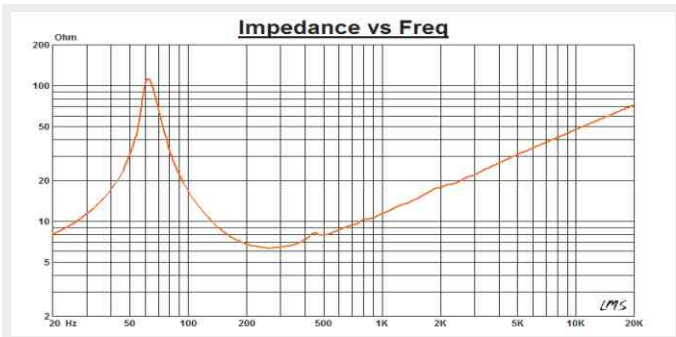
Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ295 mm/φ11.7 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	160 mm/6.3 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	4.9 kg
Shipping Weight (1 unit)	6.2 kg
Package Size (1 unit)	34x34x20cm

# 12WF10008N

# 12WF8608N



## Specifications

TYPE	Mid-bass
Nominal Diameter	315 mm/12 in
Rated impedance	8 ohm
POWER (AES)	600 W
Program Power	1200 W
Sensitivity(1w/1m)	96 dB
Frequency Range	54Hz-2200Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	54 Hz
Re	5.0 ohm
Qms	4.96
Qes	0.31
Qts	0.29
Vas	37 L
Sd	0.055 m <sup>2</sup>
Mms	95 g
BL	23.4 T.M

## Mounting Information

Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ297 mm/φ11.7 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	148 mm/5.8 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	6.2 kg
Shipping Weight(1 unit)	7.5 kg
Package Size (1 unit)	34x34x18cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	97.5 dB
Frequency Range	59Hz-3500Hz
Voice Coil Diameter	88 mm/3.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	59 Hz
Re	5.3 ohm
Qms	7.6357
Qes	0.2810
Qts	0.2700
Vas	45.4 L
Sd	0.055 m <sup>2</sup>
Mms	65.7 g
BL	21.6 T.M

## Mounting Information

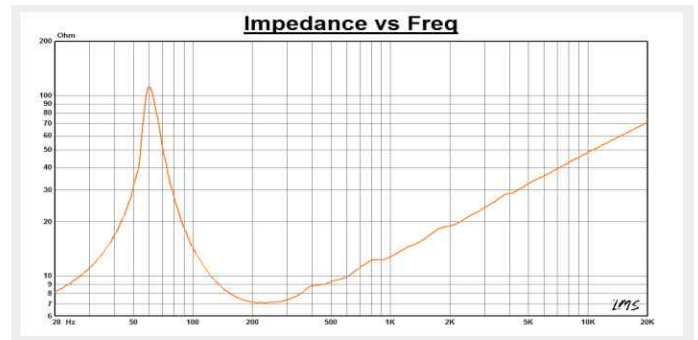
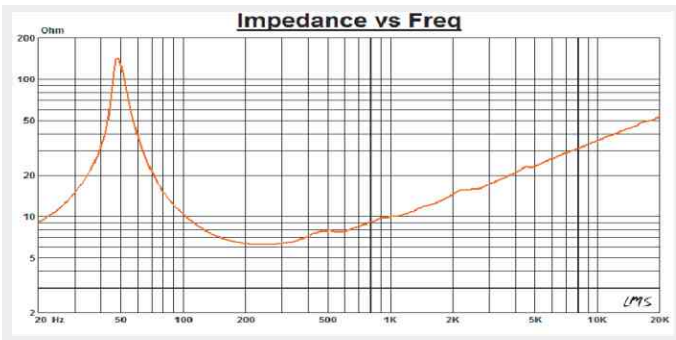
Overall Diameter	φ317.5 mm/φ12.5 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	142 mm/5.6 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	5.1 kg
Shipping Weight(1 unit)	6.3 kg
Package Size (1 unit)	34x34x18cm

# 12WF7508N

# 12WF7503N



## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	97 dB
Frequency Range	48Hz-3500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	48 Hz
Re	6.0 ohm
Qms	5.8021
Qes	0.2810
Qts	0.2680
Vas	71 L
Sd	0.056 m <sup>2</sup>
Mms	65 g
BL	21 T.M

## Mounting Information

Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	142 mm/5.6 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	4 kg
Shipping Weight (1 unit)	5.2 kg
Package Size (1 unit)	34x34x18cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	97 dB
Frequency Range	59Hz-3500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	59 Hz
Re	5.6ohm
Qms	7.0915
Qes	0.3670
Qts	0.3490
Vas	38.L
Sd	0.056 m <sup>2</sup>
Mms	80.3 g
BL	23T.M

## Mounting Information

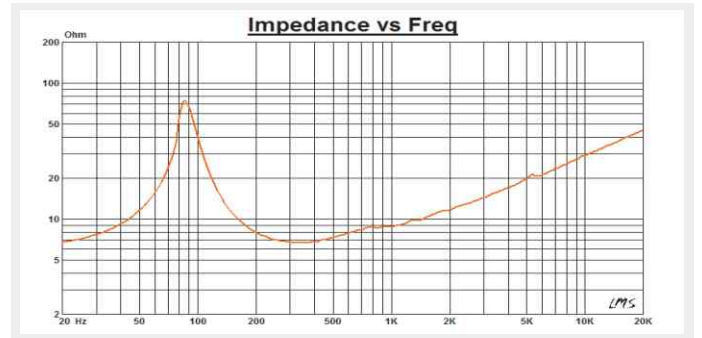
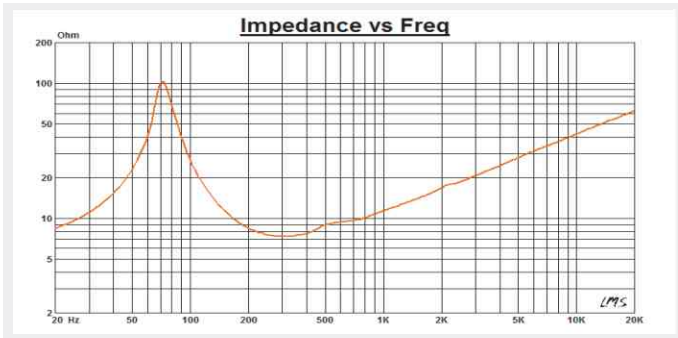
Overall Diameter	φ316 mm/φ12.44 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	142 mm/5.6 in
Bolt Hole Diameter	8-7*9mm/8-0.28*0.35 in

## Shipping Information

Net Weight (1 unit)	4.5 kg
Shipping Weight (1 unit)	5.5 kg
Package Size (1 unit)	34x34x18cm

# 10WF7508N

# 10WF6508NL



## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	96 dB
Frequency Range	71Hz-3500Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	71 Hz
Re	6.0 ohm
Qms	5.7
Qes	0.35
Qts	0.33
Vas	19.6 L
Sd	0.036 m <sup>2</sup>
Mms	44.6 g
BL	18.7 T.M

## Mounting Information

Overall Diameter	φ261 mm/φ10.3 in
Bolt Circle Diameter	φ245 mm/φ9.7 in
Mount Baffle Cut-out	φ233 mm/φ9.2 in
Depth	120 mm/4.7 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	3.8 kg
Shipping Weight (4 unit)	17.5 kg
Package Size (4 unit)	59x30x33cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	86Hz-4000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Ccaw out/in

## Thiele Small Parameters

Fs	86 Hz
Re	5.8 ohm
Qms	5.8
Qes	0.47
Qts	0.44
Vas	17.14 L
Sd	0.036 m <sup>2</sup>
Mms	35.5 g
BL	15.1 T.M

## Mounting Information

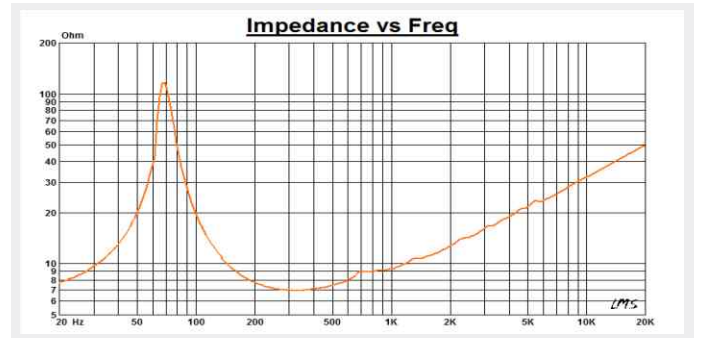
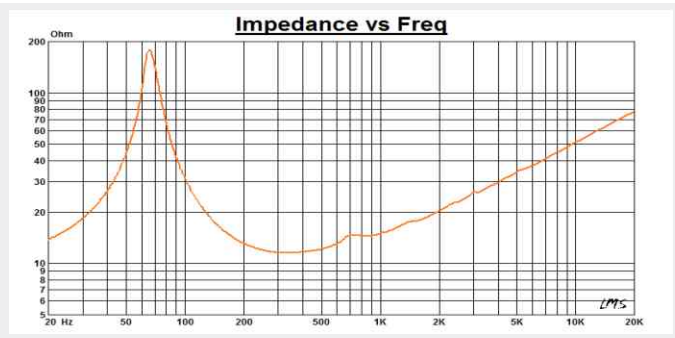
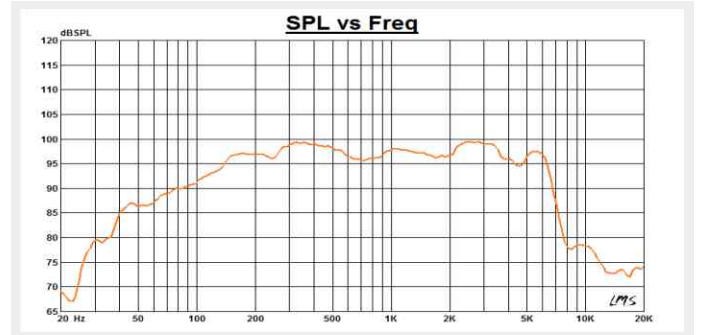
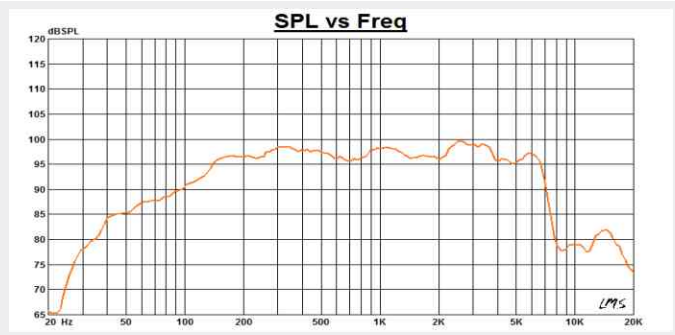
Overall Diameter	φ261 mm/φ10.3 in
Bolt Circle Diameter	φ245 mm/φ9.7 in
Mount Baffle Cut-out	φ233 mm/φ9.2 in
Depth	115 mm/4.5 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	3 kg
Shipping Weight (4 unit)	14 kg
Package Size (4 unit)	59x30x33cm

# 10WF6516N

# 10WF6515NF



## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	16 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	95.6 dB
Frequency Range	66Hz-5000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Ccaw out/in

## Thiele Small Parameters

Fs	66 Hz
Re	10 ohm
Qms	6.64
Qes	0.39
Qts	0.37
Vas	27.8 L
Sd	0.035 m <sup>2</sup>
Mms	36.6 g
BL	19.8 T.M

## Mounting Information

Overall Diameter	φ261 mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ230 mm/φ9.1 in
Depth	116 mm/4.6 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	2.6 kg
Shipping Weight (4 unit)	13.5 kg
Package Size (4 unit)	59x30x33cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	96 dB
Frequency Range	68Hz-5500Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	CCA W

## Thiele Small Parameters

Fs	68 Hz
Re	5.8 ohm
Qms	5.9
Qes	0.46
Qts	0.44
Vas	26.9 L
Sd	0.036 m <sup>2</sup>
Mms	33.9 g
BL	15.3 T.M

## Mounting Information

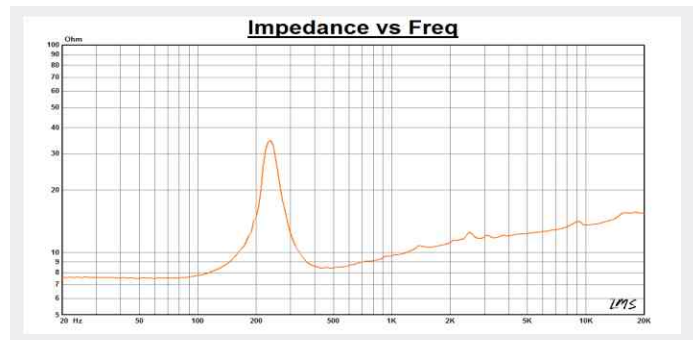
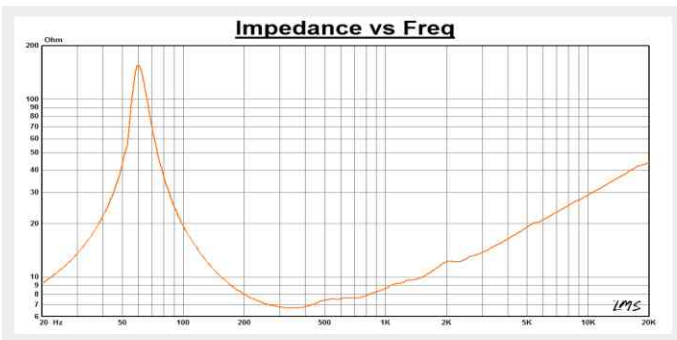
Overall Diameter	φ261 mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ230 mm/φ9.1 in
Depth	120 mm/4.7 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	2.8 kg
Shipping Weight (4 unit)	14.3 kg
Package Size (4 unit)	59x30x33cm

# 10MB8802N

# 10M7501N



## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	97.5 dB
Frequency Range	60Hz-4500Hz
Voice Coil Diameter	88 mm/3.5 in
Voice Coil Material	ALW out/in

## Thiele Small Parameters

Fs	60 Hz
Re	5.0ohm
Qms	7.4268
Qes	0.2442
Qts	0.24
Vas	33.6L
Sd	0.0398 m <sup>2</sup>
Mms	46 g
BL	19 T.M

## Mounting Information

Overall Diameter	φ262 mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ232 mm/φ9.1 in
Depth	123 mm/4.8 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	4.2 kg
Shipping Weight (4 unit)	18.9kg
Package Size (4 unit)	59x30x33cm

## Specifications

TYPE	Midrange
Nominal Diameter	253 mm/10 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	103 dB
Frequency Range	230Hz-4000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Aluminium out/in

## Thiele Small Parameters

Fs	230 Hz
Re	5.6 ohm
Qms	5.8597
Qes	1.13
Qts	0.95
Vas	3.049L
Sd	0.0380 m <sup>2</sup>
Mms	30.0267 g
BL	15T.M

## Mounting Information

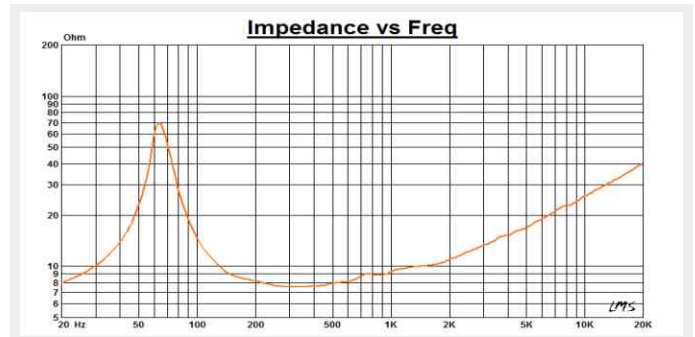
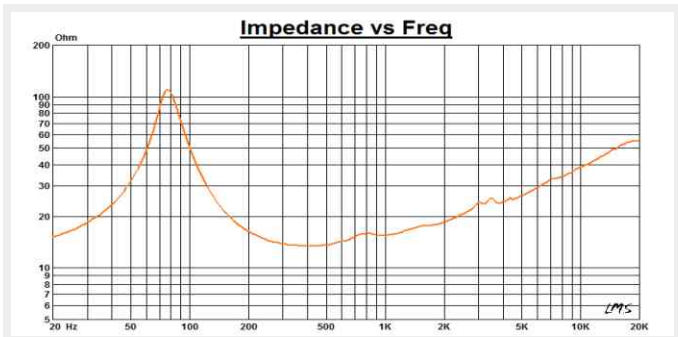
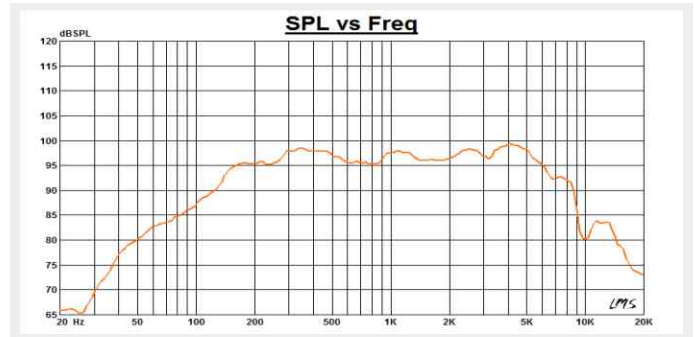
Overall Diameter	φ291*259 mm/φ11.46 in*10.2 in
Bolt Circle Diameter	φ273 mm/φ10.75 in
Mount Baffle Cut-out	φ236 mm/φ9.3 in
Depth	128 mm/5.039 in
Bolt Hole Diameter	6-6.5mm/6-0.256 in

## Shipping Information

Net Weight (2 unit)	8.1 kg
Shipping Weight (2 unit)	9.6kg
Package Size (2 unit)	320x290x325cm

# 8M5012N

# 8M6516N



## Specifications

TYPE	Mid-bass
Nominal Diameter	200 mm/8 in
Rated impedance	16 ohm
POWER (AES)	250 W
Program Power	500 W
Sensitivity(1w/1m)	95.2 dB
Frequency Range	76Hz-5000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	ALW out

## Thiele Small Parameters

Fs	76 Hz
Re	11.8 ohm
Qms	3.912
Qes	0.46
Qts	0.42
Vas	15.41 L
Sd	0.022 m <sup>2</sup>
Mms	19.5 g
BL	15.5 T.M

## Mounting Information

Overall Diameter	φ235 mm/φ9.3 in
Bolt Circle Diameter	φ217 mm/φ8.5 in
Mount Baffle Cut-out	φ185 mm/φ7.3 in
Depth	93 mm/3.66 in
Bolt Hole Diameter	4-φ5.5mm/4-φ0.22 in

## Shipping Information

Net Weight (1 unit)	1.92 kg
Shipping Weight (4 unit)	9.5kg
Package Size (4 unit)	43x23x24cm

## Specifications

TYPE	Midrange
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	88Hz-7000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	ALW out/in

## Thiele Small Parameters

Fs	88 Hz
Re	6 ohm
Qms	4.88
Qes	0.37
Qts	0.35
Vas	11.8 L
Sd	0.022 m <sup>2</sup>
Mms	19.49 g
BL	14 T.M

## Mounting Information

Overall Diameter	φ209 mm/φ8.22 in
Bolt Circle Diameter	φ196 mm/φ7.7 in
Mount Baffle Cut-out	φ186 mm/φ7.3 in
Depth	97.5 mm/3.83 in
Bolt Hole Diameter	8-6mm/8-0.24 in

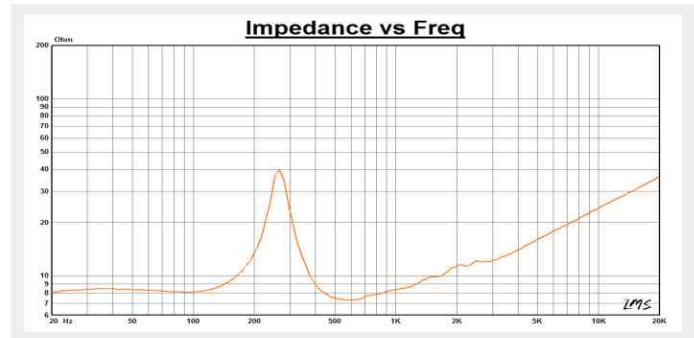
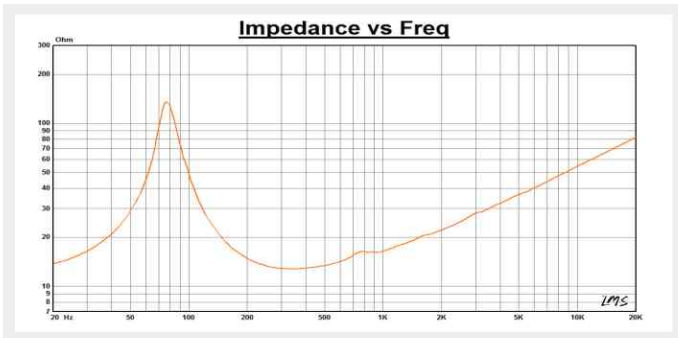
## Shipping Information

Net Weight (1 unit)	2.4 kg
Shipping Weight (4 unit)	10.6 kg
Package Size (4 unit)	43x23x24cm



# 8M6508N

# 8M65N-8



## Specifications

TYPE	Midrange
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	350 W
Program Power	700 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	76Hz-4000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	76 Hz
Re	10.5 ohm
Qms	5.1521
Qes	0.4309
Qts	0.40
Vas	12.8L
Sd	0.024 m <sup>2</sup>
Mms	26.92 g
BL	18T.M

## Mounting Information

Overall Diameter	φ225*209 mm/φ8.86*5.23 in
Bolt Circle Diameter	φ210 mm/φ8.3 in
Mount Baffle Cut-out	φ188 mm/φ7.4 in
Depth	99 mm/3.9 in
Bolt Hole Diameter	8-6.5mm/8-0.26 in

## Shipping Information

Net Weight (1 unit)	2.7 kg
Shipping Weight (4 unit)	11.5 kg
Package Size (4 unit)	43x23x24 cm

## Specifications

TYPE	Midrange
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	350 W
Program Power	700 W
Sensitivity(1w/1m)	99 dB
Frequency Range	266Hz-4000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Aluminium out/in

## Thiele Small Parameters

Fs	266 Hz
Re	6 ohm
Qms	5.79
Qes	1.03
Qts	0.87
Vas	1.18L
Sd	0.022 m <sup>2</sup>
Mms	19.49 g
BL	14T.M

## Mounting Information

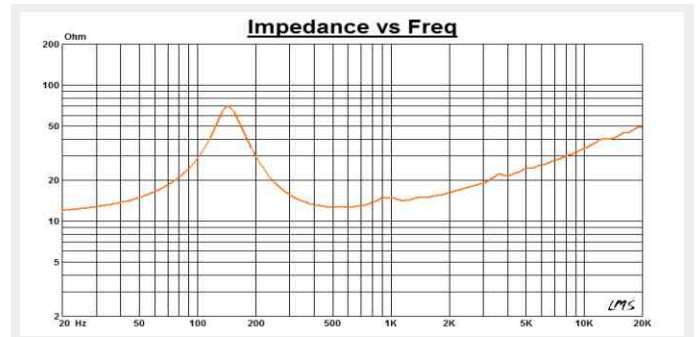
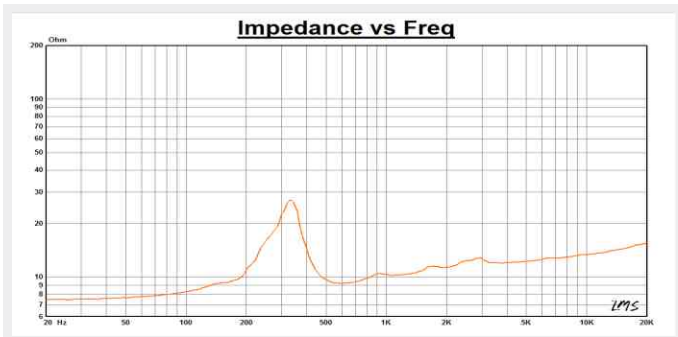
Overall Diameter	φ241*211 mm/φ9.49*8.31 in
Bolt Circle Diameter	φ222 mm/φ8.74 in
Mount Baffle Cut-out	φ201.5 mm/φ7.93 in
Depth	116.5 mm/4.59 in
Bolt Hole Diameter	6-6mm/6-0.24 in

## Shipping Information

Net Weight (1 unit)	3.55 kg
Shipping Weight (4 unit)	15.8 kg
Package Size (4 unit)	50x25.5x26 cm

# 8M7501N

# 6M5008NA



## Specifications

TYPE	Midrange
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	102 dB
Frequency Range	335Hz-5000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Aluminium out/in

## Thiele Small Parameters

Fs	335 Hz
Re	5.6 ohm
Qms	4.4866
Qes	1.22
Qts	0.96
Vas	2.56L
Sd	0.0254 m <sup>2</sup>
Mms	7.9626 g
BL	8.7417T.M

## Mounting Information

Overall Diameter	φ240*208 mm/φ9.45*8.2in
Bolt Circle Diameter	φ220 mm/φ8.7 in
Mount Baffle Cut-out	φ198 mm/φ7.8 in
Depth	104 mm/4.1 in
Bolt Hole Diameter	4-6.5mm/4-0.256 in

## Shipping Information

Net Weight (1 unit)	2.85 kg
Shipping Weight (4 unit)	12.8 kg
Package Size (4 unit)	44.5x24x23.8cm

## Specifications

TYPE	Midrange
Nominal Diameter	165 mm/ 6.5 in
Rated impedance	16 ohm
POWER (AES)	200 W
Program Power	400 W
Sensitivity(1w/1m)	95 dB
Frequency Range	128-6000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	Aluminium out /out

## Thiele Small Parameters

Fs	128 Hz
Re	11.8 ohm
Qms	4.2900
Qes	0.5100
Qts	0.4500
Vas	4.1100
Sd	0.0150m <sup>2</sup>
Mms	11.6 g
BL	14.2 T.M

## Mounting Information

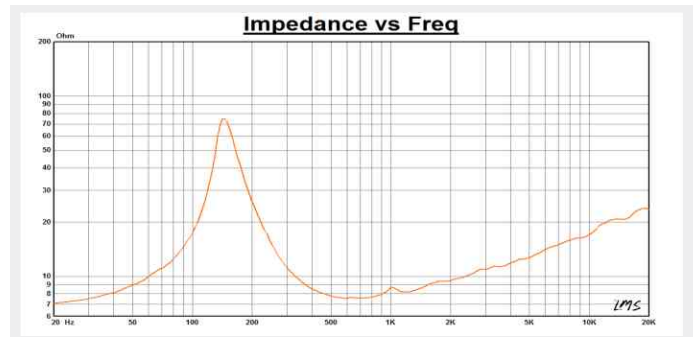
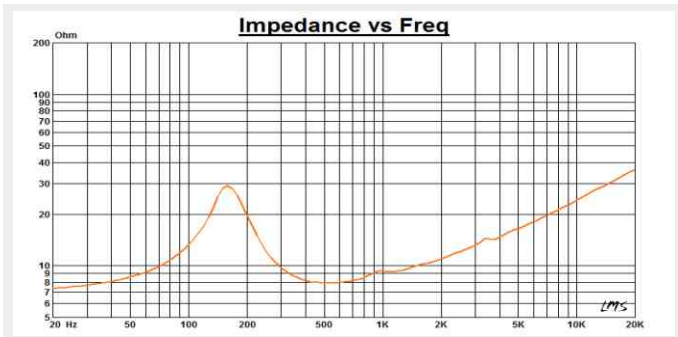
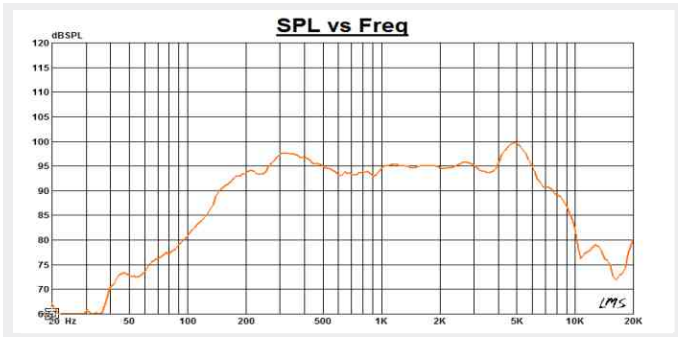
Overall Diameter	φ187 mm/φ7.36 in
Bolt Circle Diameter	φ172 mm/φ6.8 in
Mount Baffle Cut-out	φ147 mm/φ5.8 in
Depth	83 mm/3.3 in
Bolt Hole Diameter	4-φ5.5mm/ 4-φ0.22 in

## Shipping Information

Net Weight (1 unit)	1.85 kg
Shipping Weight (6 unit)	13 kg
Package Size (6 unit)	48x18x20cm

# 6M5009N

# 5M4401NM



## Specifications

TYPE	Midrange
Nominal Diameter	165 mm/6.5 in
Rated impedance	8 ohm
POWER (AES)	180 W
Program Power	360 W
Sensitivity(1w/1m)	94 dB
Frequency Range	158Hz-6000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	Aluminium in./out

## Thiele Small Parameters

Fs	158 Hz
Re	6.8 ohm
Qms	2.63
Qes	0.79
Qts	0.62
Vas	3.11
Sd	0.0145m <sup>2</sup>
Mms	9.53 g
BL	9.5 T.M

## Mounting Information

Overall Diameter	φ187 mm/φ7.36 in
Bolt Circle Diameter	φ172 mm/φ6.8 in
Mount Baffle Cut-out	φ147 mm/φ5.8 in
Depth	84 mm/3.3 in
Bolt Hole Diameter	4-φ5.5mm/4-φ0.22 in

## Shipping Information

Net Weight (1 unit)	1.5 kg
Shipping Weight(6 unit)	12 kg
Package Size (6 unit)	48x18x20cm

## Specifications

TYPE	Midrange
Nominal Diameter	140 mm/ 5.5 in
Rated impedance	8 ohm
POWER (AES)	180 W
Program Power	360 W
Sensitivity(1w/1m)	95 dB
Frequency Range	170-6500Hz
Voice Coil Diameter	44 mm/1.7 in
Voice Coil Material	Aluminium

## Thiele Small Parameters

Fs	174 Hz
Re	5.3ohm
Qms	6.0786
Qes	0.4984
Qts	0.4607
Vas	1.0700
Sd	0.01 m <sup>2</sup>
Mms	10.85g
BL	12 T.M

## Mounting Information

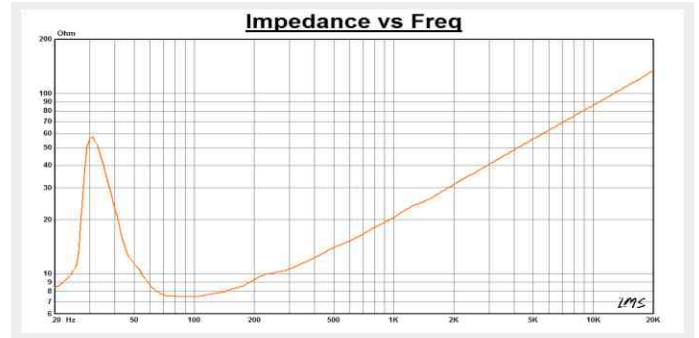
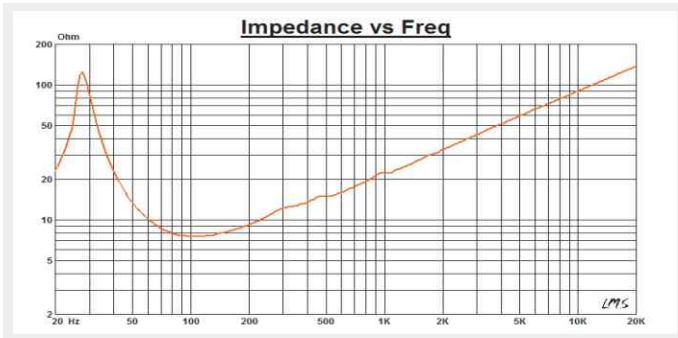
Overall Diameter	φ153*135 mm/φ6.02*5.31 in
Bolt Circle Diameter	φ142 mm/φ5.6 in
Mount Baffle Cut-out	φ123 mm/φ4.85 in
Depth	79.5 mm/3.13 in
Bolt Hole Diameter	4-φ5.3 mm/4-φ0.21 in

## Shipping Information

Net Weight (1 unit)	1.6 kg
Shipping Weight(8 unit)	14.2 kg
Package Size (8 unit)	29.5x29.5x19.5cm

# S24WF15208

# S21WF15213



## Specifications

TYPE	Subwoofer
Nominal Diameter	620 mm/24 in
Rated impedance	8 ohm
POWER (AES)	2150 W
Program Power	4300 W
Sensitivity(1w/1m)	97 dB
Frequency Range	27Hz-600Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	27 Hz
Re	5.7 ohm
Qms	6.93
Qes	0.33
Qts	0.31
Vas	450 L
Sd	0.2256 m <sup>2</sup>
Mms	530 g
BL	40 T.M

## Mounting Information

Overall Diameter	φ620 mm/φ24.4 in
Bolt Circle Diameter	φ592 mm/φ23.3 in
Mount Baffle Cut-out	φ572 mm/φ22.5 in
Depth	280 mm/11 in
Bolt Hole Diameter	8-8 mm/8-0.31 in

## Shipping Information

Net Weight (1 unit)	36 kg
Shipping Weight (1 unit)	40 kg
Package Size (1 unit)	69x68x30cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	548 mm/21 in
Rated impedance	8 ohm
POWER (AES)	2150W
Program Power	4300 W
Sensitivity(1w/1m)	95 dB
Frequency Range	31Hz-1000Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	31 Hz
Re	5.8 ohm
Qms	5.1
Qes	0.52
Qts	0.47
Vas	227 L
Sd	0.1772 m <sup>2</sup>
Mms	455 g
BL	34T.M

## Mounting Information

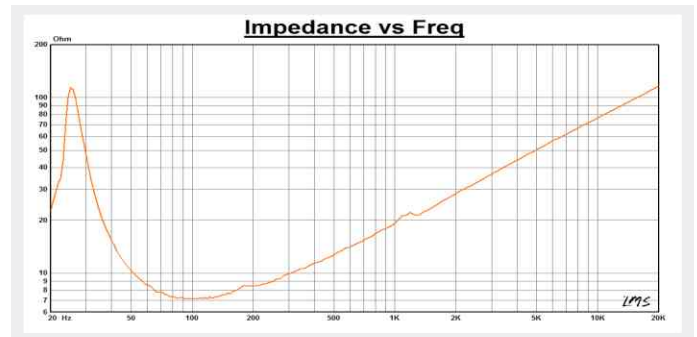
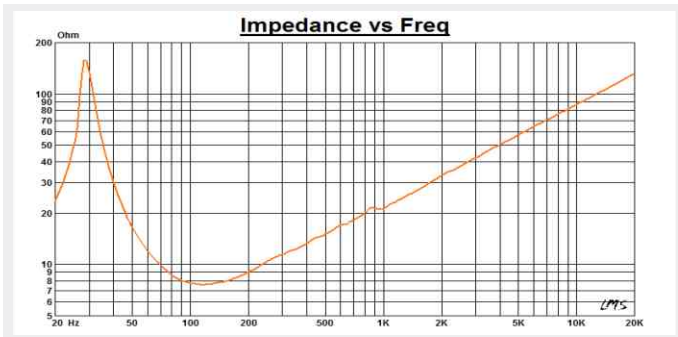
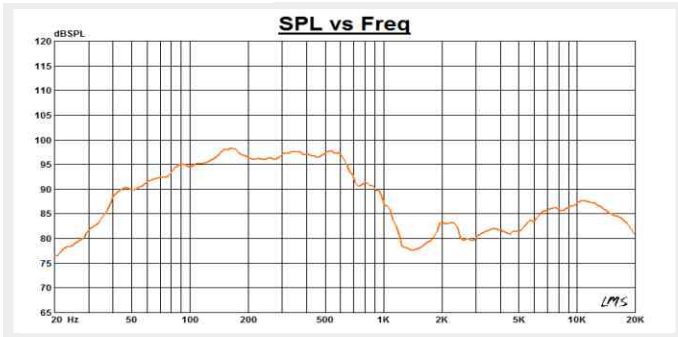
Overall Diameter	φ570 mm/φ22.4 in
Bolt Circle Diameter	φ553 mm/φ21.8 in
Mount Baffle Cut-out	φ500 mm/φ19.7 in
Depth	230 mm/9.1 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	22.85 kg
Shipping Weight (1 unit)	27.35 kg
Package Size (1 unit)	62x59x36cm

# S21WF15210

# S21WF12510



## Specifications

TYPE	Subwoofer
Nominal Diameter	550 mm/21 in
Rated impedance	8 ohm
POWER (AES)	2150 W
Program Power	4300 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	29Hz-800Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	29 Hz
Re	5.7 ohm
Qms	7.83
Qes	0.29
Qts	0.28
Vas	313 L
Sd	0.1735 m <sup>2</sup>
Mms	417 g
BL	39 T.M

## Mounting Information

Overall Diameter	φ570 mm/φ22.4 in
Bolt Circle Diameter	φ553 mm/φ21.8 in
Mount Baffle Cut-out	φ500 mm/φ19.7 in
Depth	243 mm/9.6 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	35 kg
Shipping Weight (1 unit)	40kg
Package Size (1 unit)	62x60x36cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	549 mm/21 in
Rated impedance	8 ohm
POWER (AES)	1400 W
Program Power	2800 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	25Hz-1500Hz
Voice Coil Diameter	125 mm/5 in
Voice Coil Material	Copper outside/inside

## Thiele Small Parameters

Fs	25.5 Hz
Re	5.7 ohm
Qms	7.626
Qes	0.39
Qts	0.38
Vas	496 L
Sd	0.1810 m <sup>2</sup>
Mms	360 g
BL	29 T.M

## Mounting Information

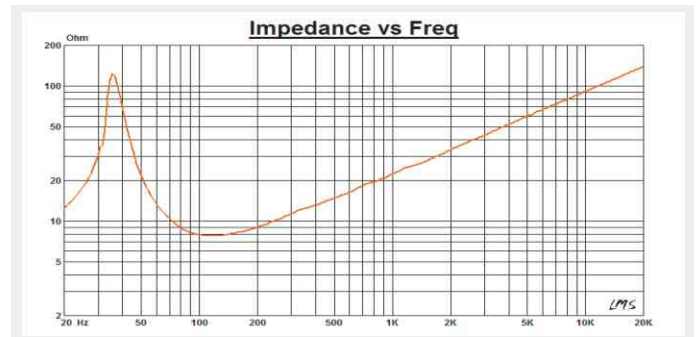
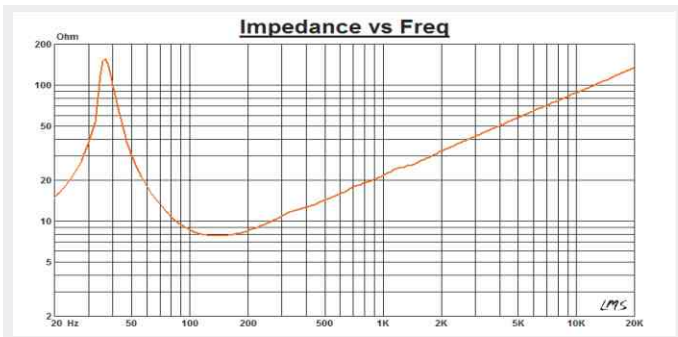
Overall Diameter	φ549 mm/φ21.6 in
Bolt Circle Diameter	φ516 mm/φ20.3 in
Mount Baffle Cut-out	φ506 mm/φ19.9 in
Depth	241 mm/9.5 in
Bolt Hole Diameter	8-13.5*10mm/8-0.53*0.39 in

## Shipping Information

Net Weight (1 unit)	18.6 kg
Shipping Weight (1 unit)	24.25 kg
Package Size (1 unit)	590x685x340 mm

# S18WF15208

# S18WF15209



## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	2000 W
Program Power	4000 W
Sensitivity(1w/1m)	96dB
Frequency Range	36Hz-1200Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	36 Hz
Re	5.7 ohm
Qms	7.9
Qes	0.30
Qts	0.29
Vas	134L
Sd	0.125 m <sup>2</sup>
Mms	313.3 g
BL	37.2 T.M

## Mounting Information

Overall Diameter	φ464 mm/φ18.3 in
Bolt Circle Diameter	φ445 mm/φ17.5 in
Mount Baffle Cut-out	φ422 mm/φ16.6 in
Depth	215 mm/8.5 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	31.2 kg
Shipping Weight (1 unit)	36 kg
Package Size (1 unit)	53x53x29cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	2000 W
Program Power	4000 W
Sensitivity(1w/1m)	94.8 dB
Frequency Range	35.8Hz-1200Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	35.8 Hz
Re	5.7 ohm
Qms	7.9
Qes	0.38
Qts	0.36
Vas	136 L
Sd	0.124 m <sup>2</sup>
Mms	321 g
BL	34 T.M

## Mounting Information

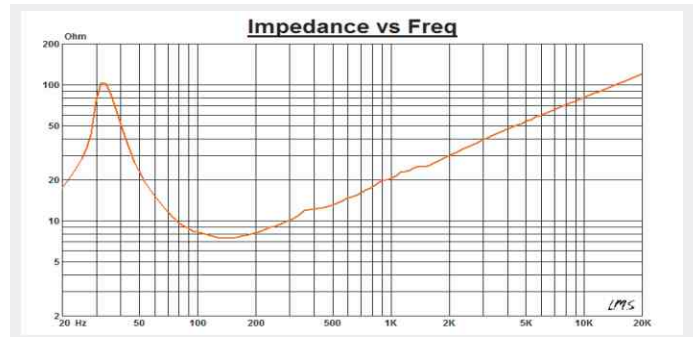
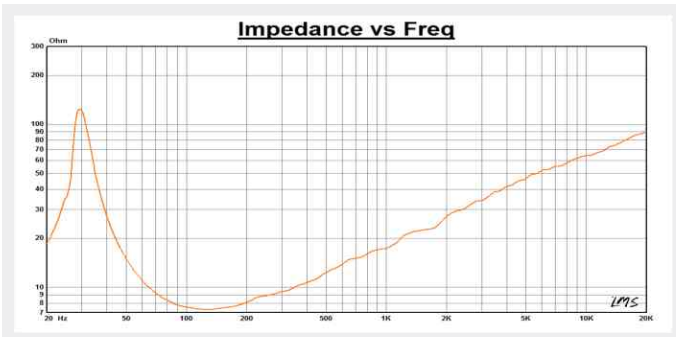
Overall Diameter	φ464 mm/φ18.3 in
Bolt Circle Diameter	φ445 mm/φ17.5 in
Mount Baffle Cut-out	φ422 mm/φ16.6 in
Depth	212 mm/8.3 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	25.5 kg
Shipping Weight (1 unit)	29 kg
Package Size (1 unit)	53x53x29cm

# S18WF12518

# S18WF12508



## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1400 W
Program Power	2800 W
Sensitivity(1w/1m)	96 dB
Frequency Range	29Hz-1500Hz
Voice Coil Diameter	125 mm/5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	29 Hz
Re	5.7ohm
Qms	7.8
Qes	0.34
Qts	0.33
Vas	237.32L
Sd	0.1225m <sup>2</sup>
Mms	260. g
BL	28.5 T.M

## Mounting Information

Overall Diameter	φ487*471mm/φ19.2*φ18.5 in
Bolt Circle Diameter	φ470 mm/φ18.5 in
Mount Baffle Cut-out	φ416 mm/φ16.4 in
Depth	198 mm/7.8 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	16.7 kg
Shipping Weight (1 unit)	19.5 kg
Package Size (1 unit)	52.7x52.2x26cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	465 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1350 W
Program Power	2700 W
Sensitivity(1w/1m)	97 dB
Frequency Range	31Hz-1000Hz
Voice Coil Diameter	125 mm/5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	31 Hz
Re	5.8 ohm
Qms	7.82
Qes	0.28
Qts	0.27
Vas	202L
Sd	0.126 m <sup>2</sup>
Mms	273 g
BL	33.4 T.M

## Mounting Information

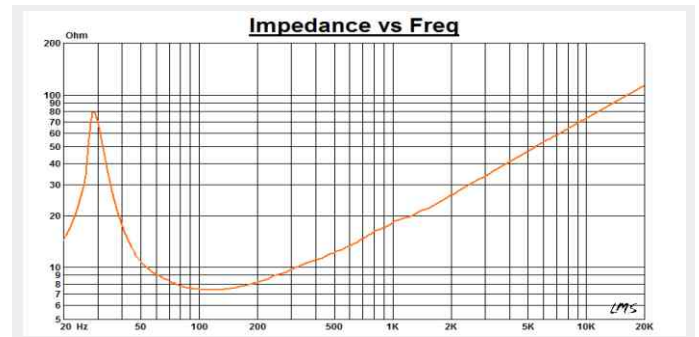
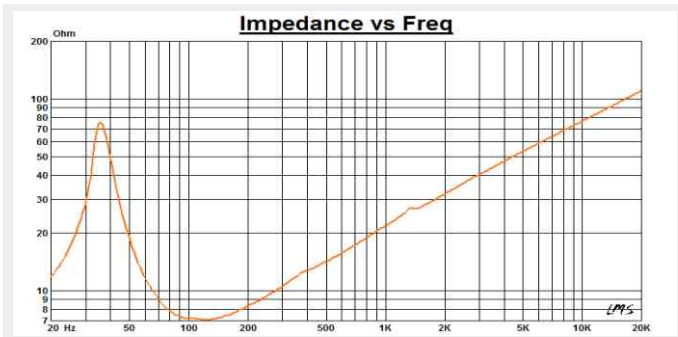
Overall Diameter	φ466 mm/φ18.3 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ423 mm/φ16.7 in
Depth	212 mm/8.3 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	22 kg
Shipping Weight (1 unit)	24 kg
Package Size (1 unit)	52x52x26cm

# S18WF11530A

# S18WF10028



## Specifications

TYPE	Subwoofer
Nominal Diameter	465 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1500 W
Program Power	3000 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	35Hz-1500Hz
Voice Coil Diameter	115 mm/4.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	35 Hz
Re	5.3ohm
Qms	5.78
Qes	0.43
Qts	0.39
Vas	149L
Sd	0.1232 m <sup>2</sup>
Mms	243 g
BL	27.5 T.M

## Mounting Information

Overall Diameter	φ466 mm/φ18.3 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ423 mm/φ16.7 in
Depth	214 mm/8.43 in
Bolt Hole Diameter	8-7mm/8-0.26 in

## Shipping Information

Net Weight (1 unit)	14.9 kg
Shipping Weight (1 unit)	16.7 kg
Package Size (1 unit)	52x52x25cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	465 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1000 W
Program Power	2000 W
Sensitivity(1w/1m)	96 dB
Frequency Range	33Hz-1500Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	33 Hz
Re	5.6ohm
Qms	6.98
Qes	0.42
Qts	0.40
Vas	233L
Sd	0.125 m <sup>2</sup>
Mms	207 g
BL	25 T.M

## Mounting Information

Overall Diameter	φ460 mm/φ18.1 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ423 mm/φ16.7 in
Depth	210 mm/8.26 in
Bolt Hole Diameter	8-6.5mm/8-0.26 in

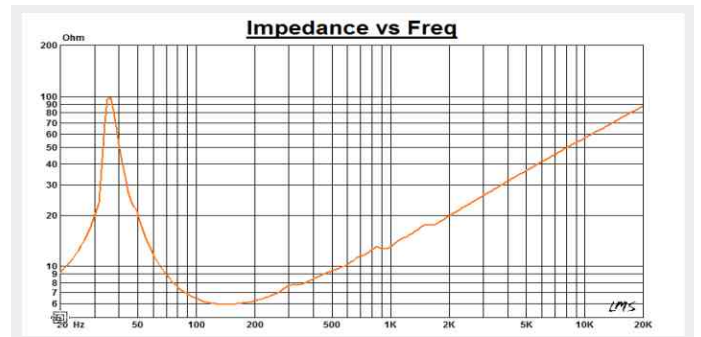
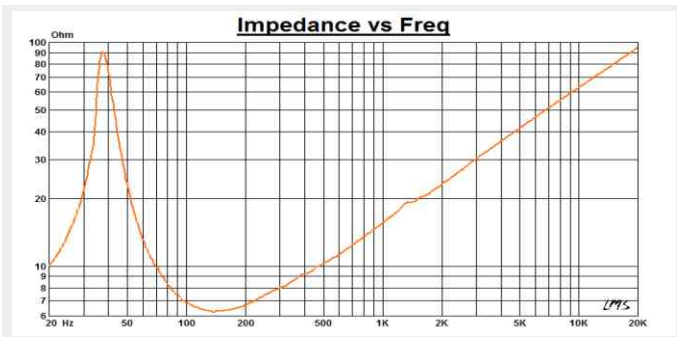
## Shipping Information

Net Weight (1 unit)	13 kg
Shipping Weight (1 unit)	15 kg
Package Size (1 unit)	50x50x24cm



# S18WF10015

# S18WF10008



## Specifications

TYPE	Subwoofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1000 W
Program Power	2000 W
Sensitivity(1w/1m)	96dB
Frequency Range	34Hz-1500Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	34 Hz
Re	5.1 ohm
Qms	6.76
Qes	0.39
Qts	0.37
Vas	203 L
Sd	0.1295 m <sup>2</sup>
Mms	202 g
BL	25 T.M

## Mounting Information

Overall Diameter	φ460 mm/φ18 in
Bolt Circle Diameter	φ440 mm/φ17.3 in
Mount Baffle Cut-out	φ422 mm/φ16.6 in
Depth	200 mm/7.9 in
Bolt Hole Diameter	8-φ7/φ0.28 in

## Shipping Information

Net Weight (1 unit)	12.2kg
Shipping Weight (1 unit)	14 kg
Package Size (1 unit)	50x50x24cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	465 mm/18 in
Rated impedance	8 ohm
POWER (AES)	1000 W
Program Power	2000 W
Sensitivity(1w/1m)	96 dB
Frequency Range	40Hz-1500Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	35 Hz
Re	5.4ohm
Qms	4.9
Qes	0.45
Qts	0.41
Vas	166L
Sd	0.123 m <sup>2</sup>
Mms	207 g
BL	25 T.M

## Mounting Information

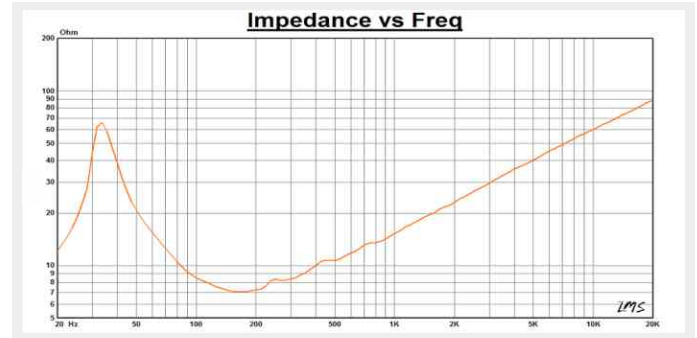
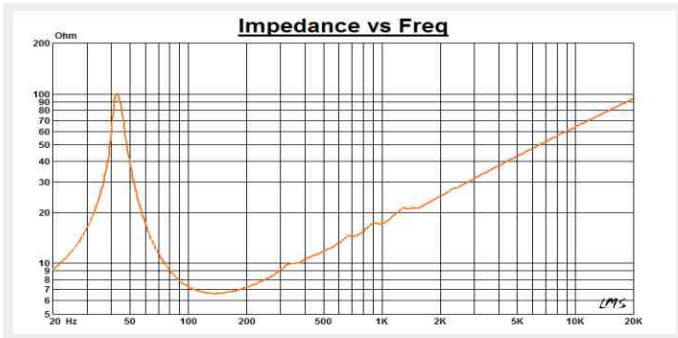
Overall Diameter	φ466 mm/φ18.3 in
Bolt Circle Diameter	φ443 mm/φ17.4 in
Mount Baffle Cut-out	φ423 mm/φ16.7 in
Depth	210 mm/8.26 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	13 kg
Shipping Weight (1 unit)	15 kg
Package Size (1 unit)	50x50x24cm

# S18WF10005D

# 15WF10028



## Specifications

TYPE	Woofer
Nominal Diameter	460 mm/18 in
Rated impedance	8 ohm
POWER (AES)	700 W
Program Power	1400 W
Sensitivity(1w/1m)	97 dB
Frequency Range	38Hz-1500Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out

## Thiele Small Parameters

Fs	38 Hz
Re	5.0 ohm
Qms	8.3000
Qes	0.3900
Qts	0.3800
Vas	156 L
Sd	0.1257 m <sup>2</sup>
Mms	201 g
BL	27.5 T.M

## Mounting Information

Overall Diameter	φ460 mm/φ18 in
Bolt Circle Diameter	φ440 mm/φ17.3 in
Mount Baffle Cut-out	φ422 mm/φ16.6 in
Depth	200 mm/7.9 in
Bolt Hole Diameter	8-φ7*10mm/8-φ0.28*0.3 in

## Shipping Information

Net Weight (1 unit)	12kg
Shipping Weight (1 unit)	13.8 kg
Package Size (1 unit)	50x50x24 cm

## Specifications

TYPE	Woofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	700 W
Program Power	1400 W
Sensitivity(1w/1m)	98 dB
Frequency Range	45Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	45 Hz
Re	5.1ohm
Qms	6.4892
Qes	0.2972
Qts	0.28
Vas	147L
Sd	0.09 m <sup>2</sup>
Mms	116 g
BL	23.4 T.M

## Mounting Information

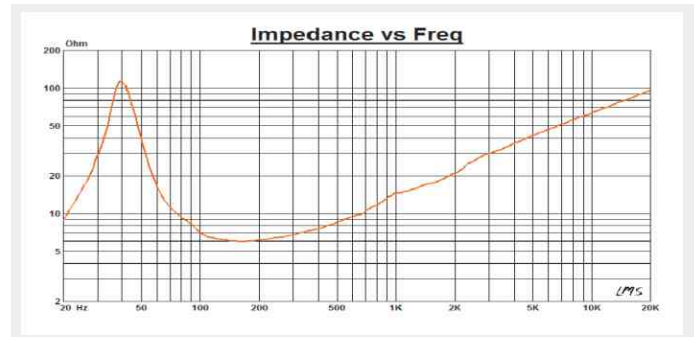
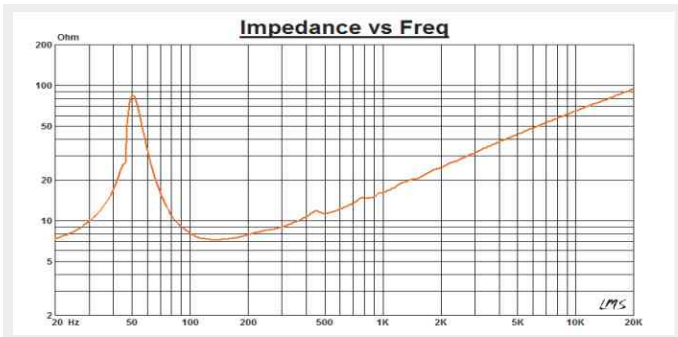
Overall Diameter	φ383 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ356 mm/φ14 in
Depth	φ165 mm/φ6.5 in
Bolt Hole Diameter	8-φ7.5mm/8-φ0.29 in

## Shipping Information

Net Weight (1 unit)	9.9kg
Shipping Weight (1 unit)	12 kg
Package Size (1 unit)	41.5x41.5x20cm

# S15WF10015

# S15WF10008



## Specifications

TYPE	Woofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	700 W
Program Power	1400 W
Sensitivity(1w/1m)	96 dB
Frequency Range	49Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	49 Hz
Re	5.0ohm
Qms	6.601
Qes	0.3738
Qts	0.35
Vas	73L
Sd	0.0897 m <sup>2</sup>
Mms	155.9759 g
BL	25.6 T.M

## Mounting Information

Overall Diameter	φ393 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ356 mm/φ14 in
Depth	165 mm/6.5 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28 in

## Shipping Information

Net Weight (1 unit)	12.5 kg
Shipping Weight (1 unit)	14 kg
Package Size (1 unit)	42x42x21cm

## Specifications

TYPE	Subwoofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	800 W
Program Power	1600 W
Sensitivity(1w/1m)	95.5 dB
Frequency Range	39Hz-1600Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	39 Hz
Re	5.0ohm
Qms	8.4
Qes	0.36
Qts	0.35
Vas	100L
Sd	0.124 m <sup>2</sup>
Mms	162 g
BL	26 T.M

## Mounting Information

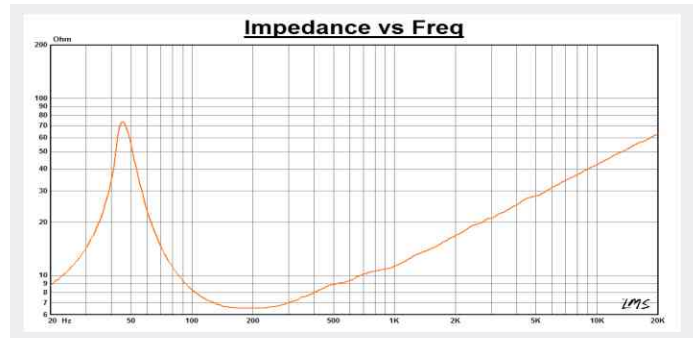
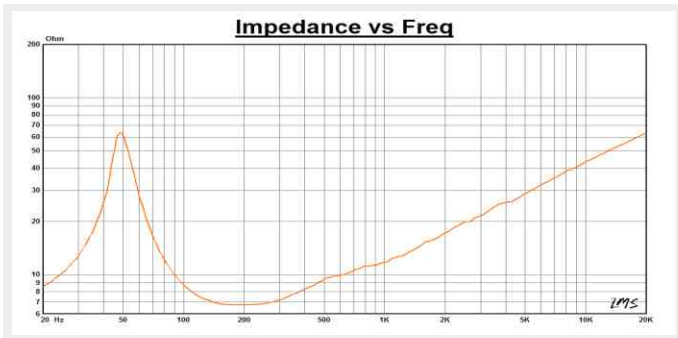
Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ376 mm/φ14.8 in
Mount Baffle Cut-out	φ357 mm/φ14.1 in
Depth	170 mm/6.7 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	12.5 kg
Shipping Weight (1 unit)	14 kg
Package Size (1 unit)	42x42x21cm

# 15MB8602C

# 15MB7502C



## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	99.5 dB
Frequency Range	49Hz-3500Hz
Voice Coil Diameter	88 mm/3.5 in
Voice Coil Material	CCAW out/in

## Thiele Small Parameters

Fs	49 Hz
Re	5.5ohm
Qms	4.995
Qes	0.47
Qts	0.42
Vas	148L
Sd	0.0962 m <sup>2</sup>
Mms	75.14 g
BL	17.5 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ375 mm/φ14.75 in
Mount Baffle Cut-out	φ353 mm/φ13.9 in
Depth	170 mm/6.70 in
Bolt Hole Diameter	8-9.5*7mm/8-0.37*0.28 in

## Shipping Information

Net Weight	(1 unit) 8 kg
Shipping Weight (1 unit)	9.2 kg
Package Size	(1 unit) 41x41x19.8CM
Package Size	(1 unit) 42.5x42.3x42CM
Shipping Weight (2 unit)	19.5 kg

## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	98 dB
Frequency Range	45Hz-3000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAW out/in

## Thiele Small Parameters

Fs	45 Hz
Re	5.2ohm
Qms	5.6
Qes	0.42
Qts	0.39
Vas	125L
Sd	0.088 m <sup>2</sup>
Mms	84.6 g
BL	18.2 T.M

## Mounting Information

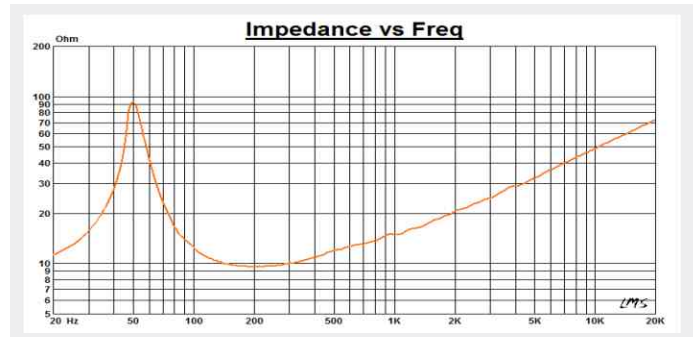
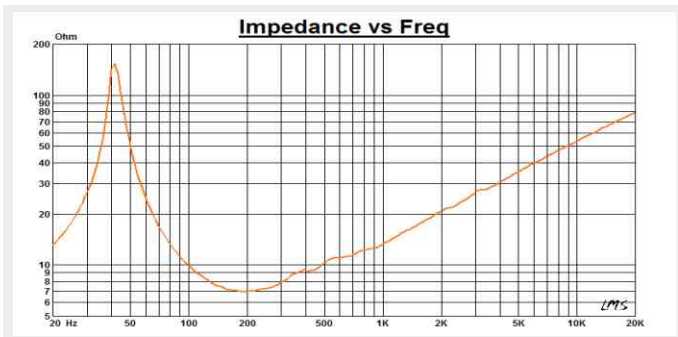
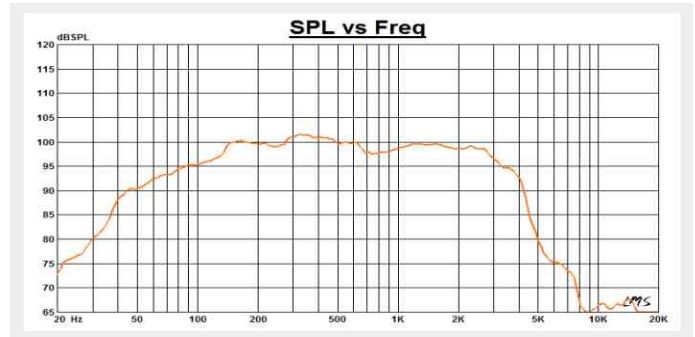
Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	171 mm/6.73 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight	(1 unit) 7.85 kg
Shipping Weight (1 unit)	9.15 kg
Package Size	(1 unit) 42x42x20CM

# 15WF7515B

# 15WF7518



## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	98 dB
Frequency Range	41Hz-2500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	41 Hz
Re	5.6ohm
Qms	7.9
Qes	0.3
Qts	0.29
Vas	174 L
Sd	0.09 m <sup>2</sup>
Mms	97.8 g
BL	22 T.M

## Mounting Information

Overall Diameter	φ393 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ354 mm/φ13.9 in
Depth	169 mm/6.65 in
Bolt Hole Diameter	8-φ7.5mm/8-φ0.29 in

## Shipping Information

Net Weight (1 unit)	8.2 kg
Shipping Weight (1 unit)	9.8 kg
Package Size (1 unit)	42x42x20cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	98.5 dB
Frequency Range	49Hz-3000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	49 Hz
Re	6.0ohm
Qms	5.7
Qes	0.39
Qts	0.37
Vas	141.5L
Sd	0.086 m <sup>2</sup>
Mms	82.3 g
BL	20 T.M

## Mounting Information

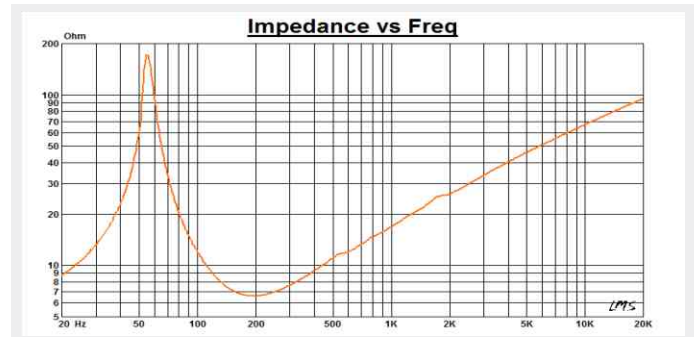
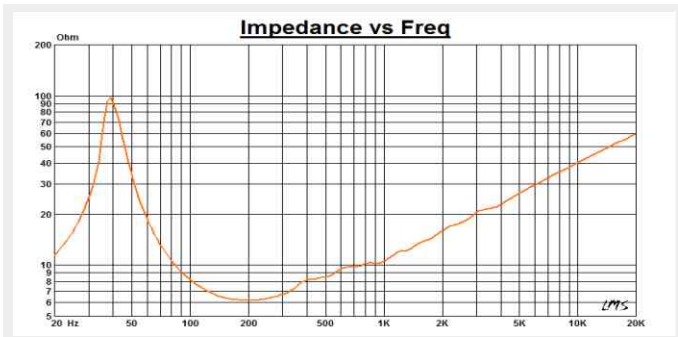
Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	166 mm/6.73 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	7.2 kg
Shipping Weight (1 unit)	8.8 kg
Package Size (1 unit)	42x42x20 CM

# 15WF7508

# S12WF10023



## Specifications

TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	98 dB
Frequency Range	39Hz-3000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAW out/in

## Thiele Small Parameters

Fs	39 Hz
Re	5.2ohm
Qms	5.6
Qes	0.32
Qts	0.30
Vas	212L
Sd	0.086 m <sup>2</sup>
Mms	92.2 g
BL	20 T.M

## Mounting Information

Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	171 mm/6.73 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	7.5 kg
Shipping Weight (1 unit)	9.0 kg
Package Size (1 unit)	42x42x20cm

## Specifications

TYPE	Woofer
Nominal Diameter	315 mm/12 in
Rated impedance	8 ohm
POWER (AES)	700 W
Program Power	1400 W
Sensitivity(1w/1m)	95.5 dB
Frequency Range	55Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	55 Hz
Re	5.0 ohm
Qms	10.5
Qes	0.31
Qts	0.30
Vas	33 L
Sd	0.055 m <sup>2</sup>
Mms	106 g
BL	24.3 T.M

## Mounting Information

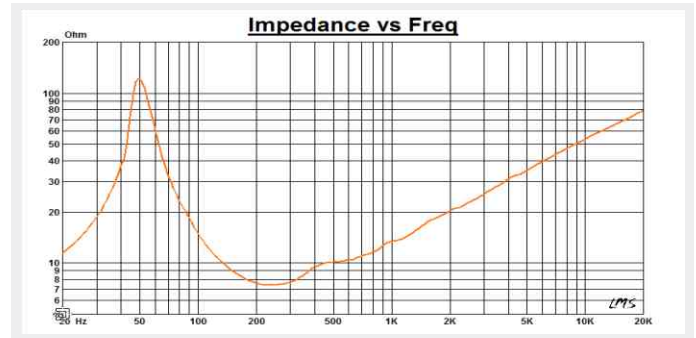
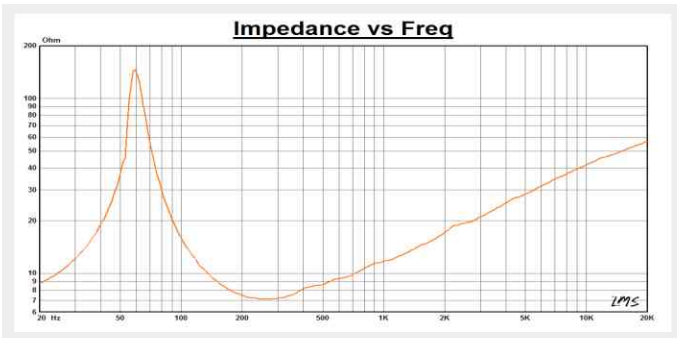
Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ297 mm/φ11.7 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	152 mm/6.0 in
Bolt Hole Diameter	8-φ7mm/8-φ0.28in

## Shipping Information

Net Weight (1 unit)	10.6 kg
Shipping Weight (1 unit)	11.8 kg
Package Size (1 unit)	34x34x18cm

# 12MB8602

# 12WF7519



## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	98dB
Frequency Range	55Hz-3200Hz
Voice Coil Diameter	86 mm/3 in
Voice Coil Material	CCAW out/in

## Thiele Small Parameters

Fs	55 Hz
Re	5.5ohm
Qms	8.07
Qes	0.31
Qts	0.29
Vas	50.85L
Sd	0.0560m <sup>2</sup>
Mms	63.49 g
BL	21 T.M

## Mounting Information

Overall Diameter	φ320mm/φ12.6 in
Bolt Circle Diameter	φ299.5 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	146mm/5.75 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	7.65 kg
Shipping Weight (1 unit)	8.5kg
Package Size (1 unit)	34x34x18cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	97 dB
Frequency Range	49Hz-3500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	49 Hz
Re	6.0 ohm
Qms	5.23
Qes	0.26
Qts	0.25
Vas	63.7 L
Sd	0.0540 m <sup>2</sup>
Mms	65.9 g
BL	22 T.M

## Mounting Information

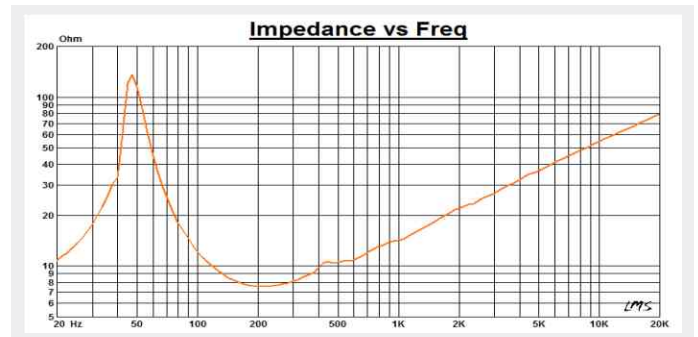
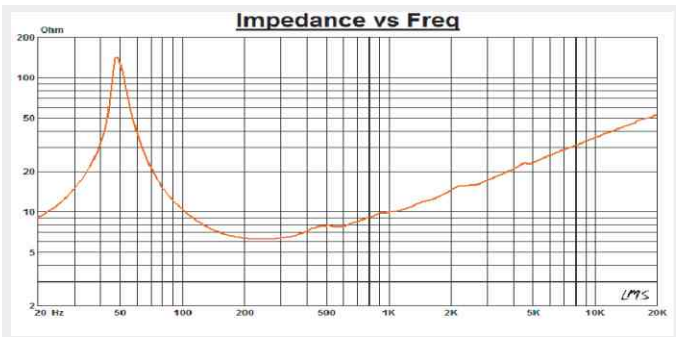
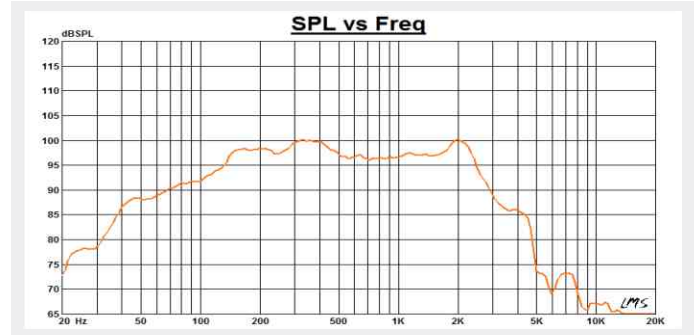
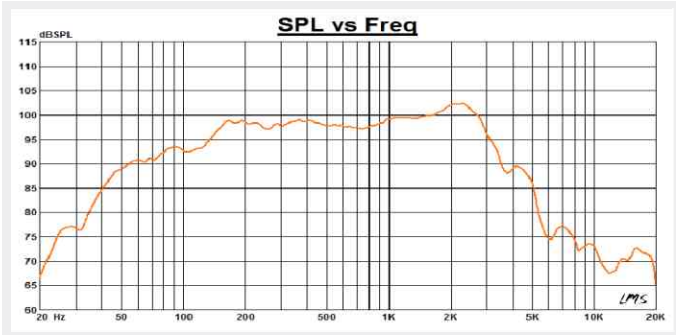
Overall Diameter	φ320 mm/φ12.6 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	145 mm/5.7 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	6.7 kg
Shipping Weight (1 unit)	8 kg
Package Size (1 unit)	34x34x18cm

# 12WF7508

# 12WF7518



## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	96.2 dB
Frequency Range	48Hz-3500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAW out/in

## Thiele Small Parameters

Fs	48 Hz
Re	5.2ohm
Qms	5.6189
Qes	0.2856
Qts	0.27
Vas	64.8699L
Sd	0.0543 m <sup>2</sup>
Mms	68.0753 g
BL	20.9 T.M

## Mounting Information

Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	140 mm/5.5 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	6.5 kg
Shipping Weight(1 unit)	7.8 kg
Package Size (1 unit)	34x34x18cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	500 W
Program Power	1000 W
Sensitivity(1w/1m)	96dB
Frequency Range	47Hz-3500Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	47 Hz
Re	6.0ohm
Qms	6.4
Qes	0.29
Qts	0.28
Vas	64.2L
Sd	0.0540m <sup>2</sup>
Mms	73 g
BL	21 T.M

## Mounting Information

Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	138 mm/5.4 in
Bolt Hole Diameter	8-7mm/8-0.28 in

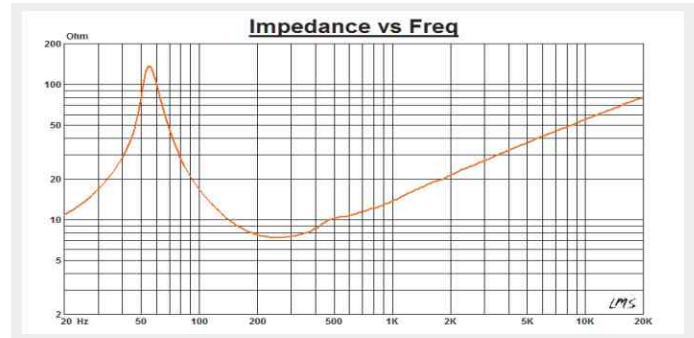
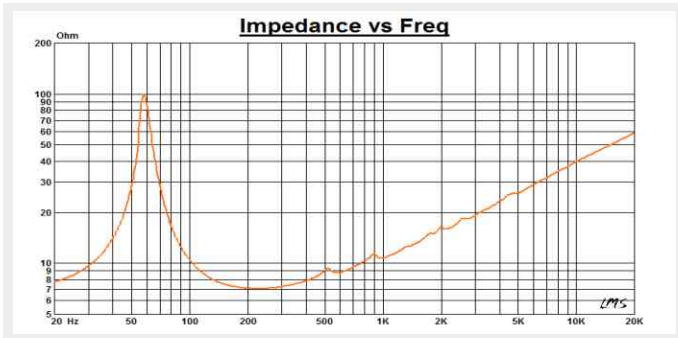
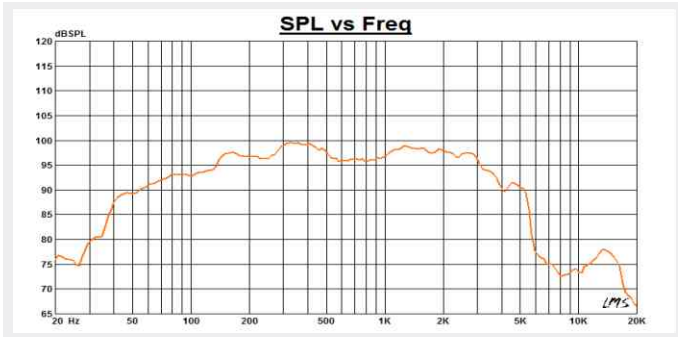
## Shipping Information

Net Weight (1 unit)	6.1 kg
Shipping Weight(1 unit)	7.3 kg
Package Size (1 unit)	34x34x18cm



# 12WF7525

# 10WF7506



## Specifications

TYPE	Mid-bass
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	48Hz-3500Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	48 Hz
Re	6.0 ohm
Qms	8.8
Qes	0.35
Qts	0.33
Vas	69.5L
Sd	0.055 m <sup>2</sup>
Mms	66.4 g
BL	19 T.M

## Mounting Information

Overall Diameter	φ312 mm/φ12.3 in
Bolt Circle Diameter	φ294 mm/φ11.6 in
Mount Baffle Cut-out	φ279 mm/φ11 in
Depth	143 mm/5.6 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	6.3kg
Shipping Weight(1 unit)	7.5 kg
Package Size (1 unit)	34x34x18 cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	95.6 dB
Frequency Range	71Hz-2500Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	71Hz
Re	6.0ohm
Qms	5.7
Qes	0.35
Qts	0.33
Vas	18.8 L
Sd	0.035 m <sup>2</sup>
Mms	44.6 g
BL	18.6 T.M

## Mounting Information

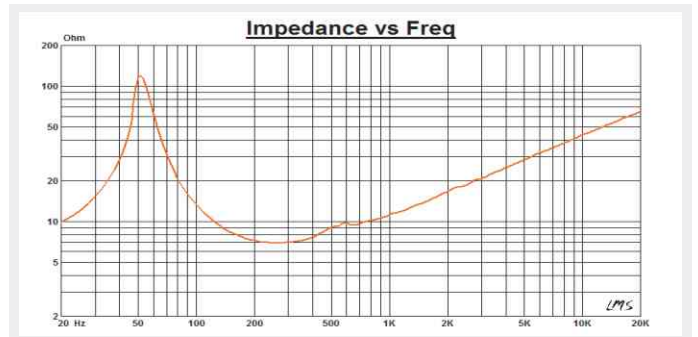
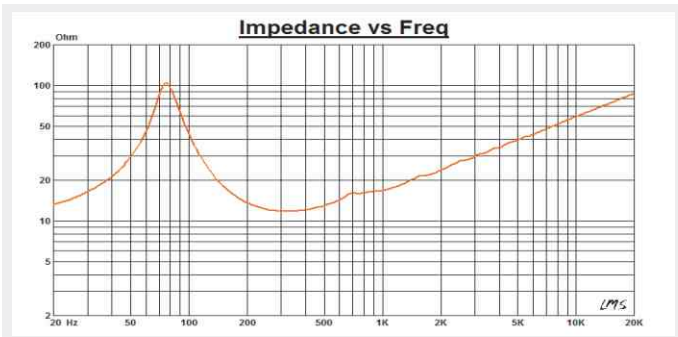
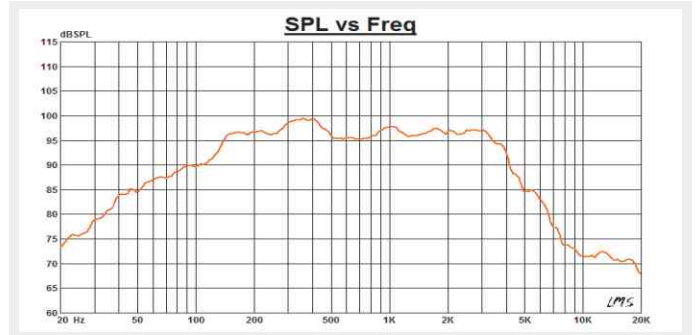
Overall Diameter	φ262mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ232 mm/φ9.1 in
Depth	120 mm/4.7 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	6.1 kg
Shipping Weight(4 unit)	27 kg
Package Size (4 unit)	59x30x33cm

# 10WF6516

# 10WF6506



## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	16 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	95.8 dB
Frequency Range	76Hz-3500Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	63 Hz
Re	10.ohm
Qms	4.13
Qes	0.44
Qts	0.39
Vas	22.6L
Sd	0.035 m <sup>2</sup>
Mms	33.8 g
BL	19.3 T.M

## Mounting Information

Overall Diameter	φ261mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ230 mm/φ9.1 in
Depth	117 mm/4.6 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	4.3 kg
Shipping Weight(4 unit)	20.5 kg
Package Size (4 unit)	59x30x33cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	95.6 dB
Frequency Range	53Hz-4000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in

## Thiele Small Parameters

Fs	53 Hz
Re	6.0ohm
Qms	4.6
Qes	0.32
Qts	0.30
Vas	46.4L
Sd	0.037 m <sup>2</sup>
Mms	37.2 g
BL	15 T.M

## Mounting Information

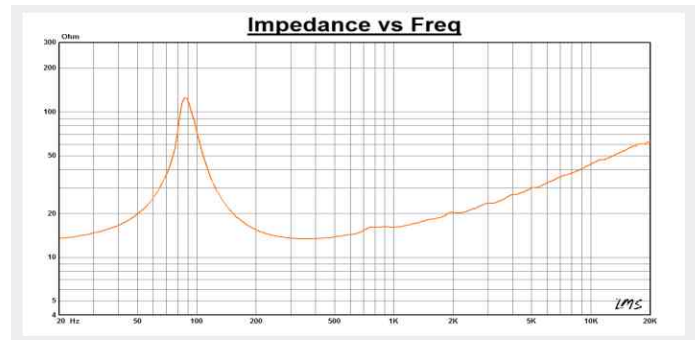
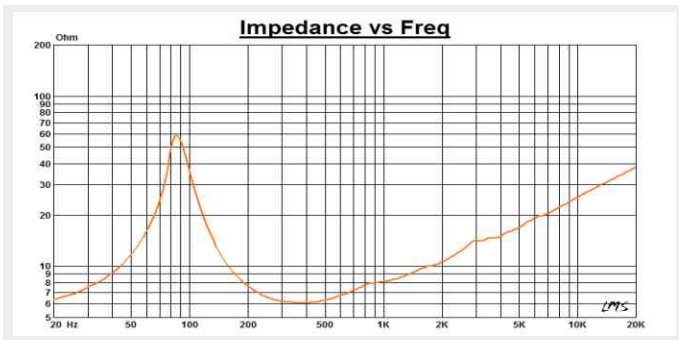
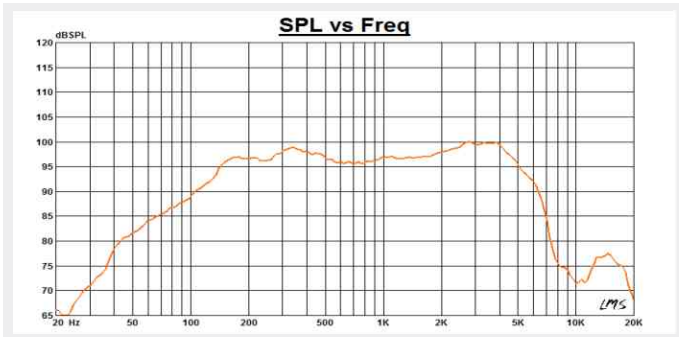
Overall Diameter	φ262 mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ232 mm/φ9.1 in
Depth	118 mm/4.6 in
Bolt Hole Diameter	8-7mm/8-0.28 in

## Shipping Information

Net Weight (1 unit)	4.85 kg
Shipping Weight(4 unit)	21.5 kg
Package Size (4 unit)	59x30x33cm

# 8M5012A

# 8M5018



## Specifications

TYPE	Mid-bass
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	250 W
Program Power	500 W
Sensitivity(1w/1m)	95.8 dB
Frequency Range	86Hz-5000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	CCAW out/out

## Thiele Small Parameters

Fs	86 Hz
Re	5.1ohm
Qms	4.68
Qes	0.44
Qts	0.40
Vas	14.5L
Sd	0.022 m <sup>2</sup>
Mms	16.5 g
BL	11.5 T.M

## Mounting Information

Overall Diameter	φ235 mm/φ9.3 in
Bolt Circle Diameter	φ217 mm/φ8.5 in
Mount Baffle Cut-out	φ185 mm/φ7.3 in
Depth	99 mm/3.91 in
Bolt Hole Diameter	4-5.5mm/4-0.22 in

## Shipping Information

Net Weight (1 unit)	3.3kg
Shipping Weight (4 unit)	14.8 kg
Package Size (4 unit)	43x23x24cm

## Specifications

TYPE	Mid-bass
Nominal Diameter	200 mm/8 in
Rated impedance	16 ohm
POWER (AES)	180 W
Program Power	360 W
Sensitivity(1w/1m)	94dB
Frequency Range	88Hz-5000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	ALW in/out

## Thiele Small Parameters

Fs	88 Hz
Re	11.8ohm
Qms	5.8936
Qes	0.6069
Qts	0.55
Vas	11.30L
Sd	0.022 m <sup>2</sup>
Mms	20 g
BL	14.82T.M

## Mounting Information

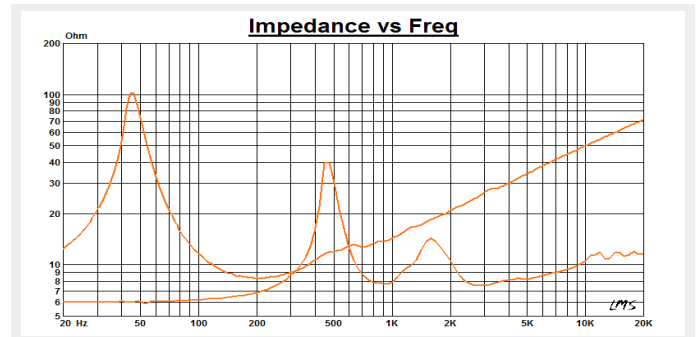
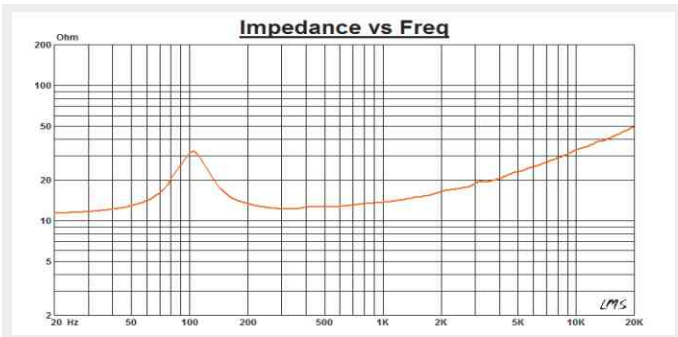
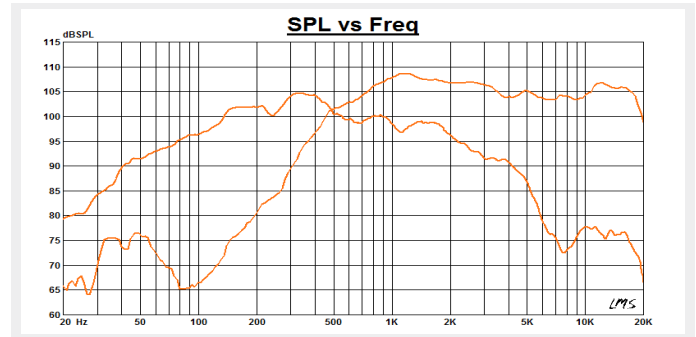
Overall Diameter	φ209 mm/φ8.22 in
Bolt Circle Diameter	φ196 mm/φ7.7 in
Mount Baffle Cut-out	φ186 mm/φ7.3 in
Depth	103 mm/4.05 in
Bolt Hole Diameter	8-6mm/8-0.24 in

## Shipping Information

Net Weight (1 unit)	3.3kg
Shipping Weight (4 unit)	14.5 kg
Package Size (4 unit)	43x23x24cm

# 6M3808

# 15CX7508N



### Specifications

TYPE	Midrange
Nominal Diameter	165 mm/ 6.5 in
Rated impedance	16 ohm
POWER (AES)	80 W
Program Power	160 W
Sensitivity(1w/1m)	92 dB
Frequency Range	146-6000Hz
Voice Coil Diameter	38 mm/1.5in
Voice Coil Material	CCAR

### Thiele Small Parameters

Fs	146 Hz
Re	11 ohm
Qms	3.53
Qes	1.165
Qts	0.8755
Vas	3.465 L
Sd	0.0147 m <sup>2</sup>
Mms	10.3297 g
BL	9.5 T.M

### Mounting Information

Overall Diameter	φ187 mm/φ7.36 in
Bolt Circle Diameter	φ172 mm/φ6.8 in
Mount Baffle Cut-out	φ147 mm/φ5.8 in
Depth	81 mm/3.2 in
Bolt Hole Diameter	4-φ5.5mm/ 4-φ0.22 in

### Shipping Information

Net Weight (1 unit)	2.0 kg
Shipping Weight(6 unit)	13.8 kg
Package Size (6 unit)	48x18x20cm

### Specifications

TYPE	COAXIAL
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	99 dB
Frequency Range	45Hz-19000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	80 W
Sensitivity(1w/1m)	108 dB
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	CCAR

### Thiele Small Parameters

Fs	45 Hz
Re	5.6 ohm
Qms	5.3
Qes	0.3
Qts	0.29
Vas	166 L
Sd	0.09 m <sup>2</sup>
Mms	83.3 g
BL	21 T.M

### Mounting Information

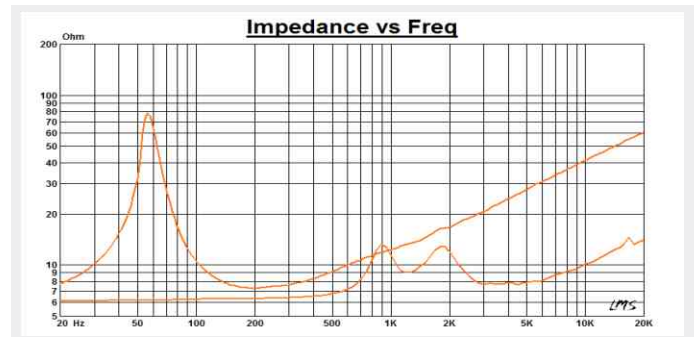
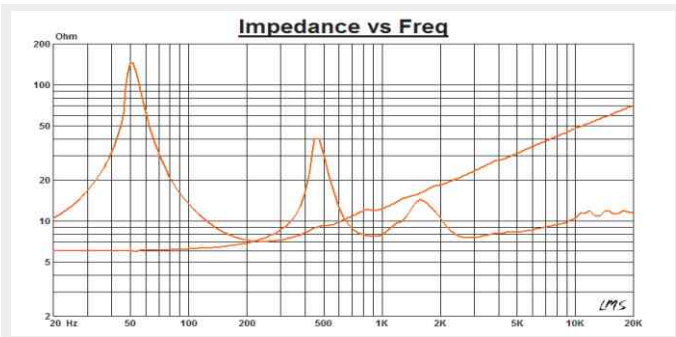
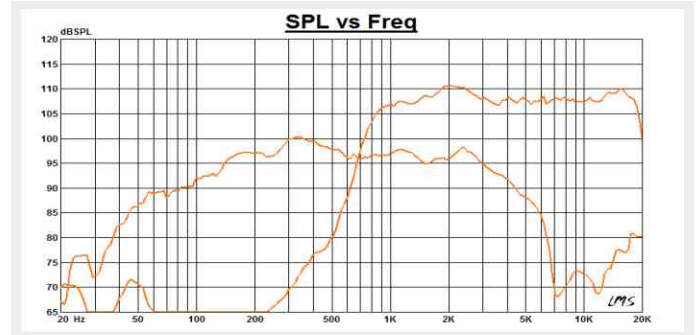
Overall Diameter	φ394 mm/φ15.5 in
Bolt Circle Diameter	φ374 mm/φ14.7 in
Mount Baffle Cut-out	φ358 mm/φ14.1 in
Depth	196 mm/7.7 in
Bolt Hole Diameter	8-φ7.0mm/8-φ0.28 in

### Shipping Information

Net Weight (1 unit)	6 kg
Shipping Weight(1 unit)	7.8 kg
Package Size (1 unit)	43x43x26cm

# 12CX7508N

# 10CX6508N



## Specifications

TYPE	COAXIAL
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	97 dB
Frequency Range	50Hz-19000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	80 W
Sensitivity(1w/1m)	106 dB
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	50 Hz
Re	5.6 ohm
Qms	7.27
Qes	0.28
Qts	0.265
Vas	62 L
Sd	0.0535 m <sup>2</sup>
Mms	63.1 g
BL	20 T.M

## Mounting Information

Overall Diameter	φ315 mm/φ12.4 in
Bolt Circle Diameter	φ299 mm/φ11.8 in
Mount Baffle Cut-out	φ285 mm/φ11.2 in
Depth	167mm/6.6 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	5.2 kg
Shipping Weight (1 unit)	6.8 kg
Package Size (1 unit)	35x35x22cm

## Specifications

TYPE	COAXIAL
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	96.2 dB
Frequency Range	57Hz-20000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	50 W
Sensitivity(1w/1m)	107 dB
Voice Coil Diameter	44.4 mm/1.7 in
Voice Coil Material	ALR

## Thiele Small Parameters

Fs	79 Hz
Re	6.0 ohm
Qms	6.5
Qes	0.4
Qts	0.38
Vas	19.6L
Sd	0.0360 m <sup>2</sup>
Mms	36.2 g
BL	16.8 T.M

## Mounting Information

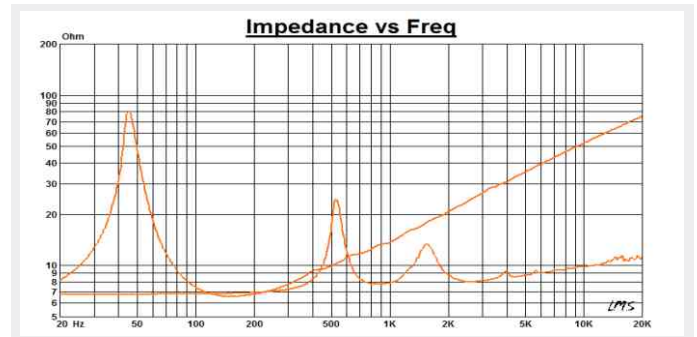
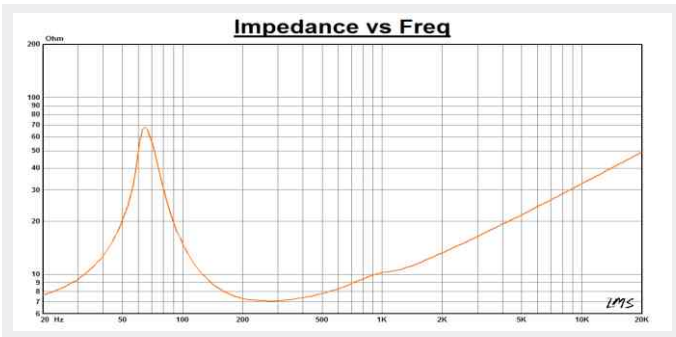
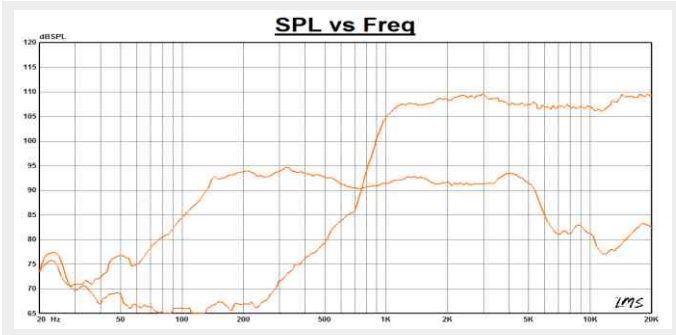
Overall Diameter	φ262 mm/φ10.3 in
Bolt Circle Diameter	φ245 mm/φ9.7 in
Mount Baffle Cut-out	φ232 mm/φ9.2 in
Depth	130 mm/5.1 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	3.2 kg
Shipping Weight (1 unit)	4.2kg
Package Size (1 unit)	29x29x19cm

# 6CX5036N

# 15CX7515H



## Specifications

TYPE	COAXIAL
Nominal Diameter	165 mm/ 6.5 in
Rated impedance	8 ohm
POWER (AES)	200 W
Program Power	400 W
Sensitivity(1w/1m)	92dB
Frequency Range	65Hz-19000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	40 W
Sensitivity(1w/1m)	105 dB
Voice Coil Diameter	36 mm/1.4 in
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	65 Hz
Re	6.0 ohm
Qms	5.03
Qes	0.49
Qts	0.45
Vas	8.6L
Sd	0.0145 m <sup>2</sup>
Mms	20.5g
BL	10.5 T.M

## Mounting Information

Overall Diameter	φ187/165mm/φ7.36/6.5in
Bolt Circle Diameter	φ172 mm/φ6.8 in
Mount Baffle Cut-out	φ147 mm/φ5.8 in
Depth	106 mm/4.17 in
Bolt Hole Diameter	4-φ5.5mm/4-φ0.22 in

## Shipping Information

Net Weight (1 unit)	1.65 kg
Shipping Weight(4 unit)	7.5 kg
Package Size (4 unit)	36x19x29CM

## Specifications

TYPE	COAXIAL
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	97.5 dB
Frequency Range	45Hz-19000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	80 W
Sensitivity(1w/1m)	109 dB
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	44Hz
Re	5.6 ohm
Qms	7.86
Qes	0.5
Qts	0.49
Vas	166 L
Sd	0.09 m <sup>2</sup>
Mms	85.7 g
BL	15.7 T.M

## Mounting Information

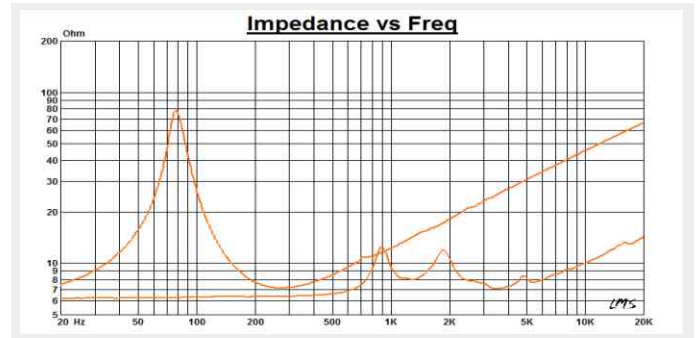
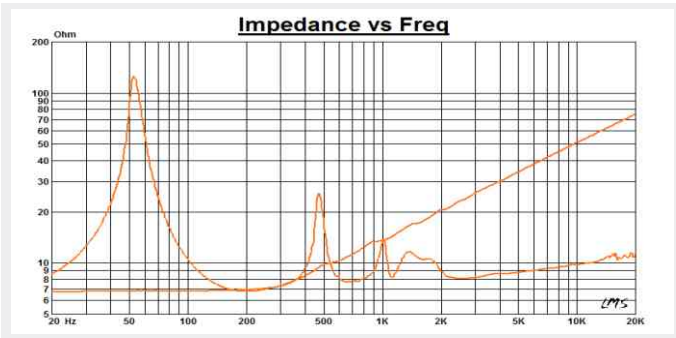
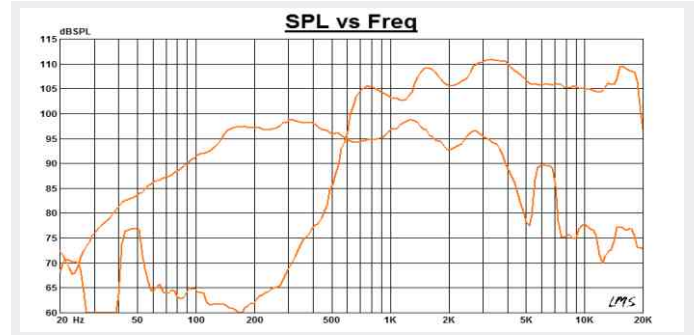
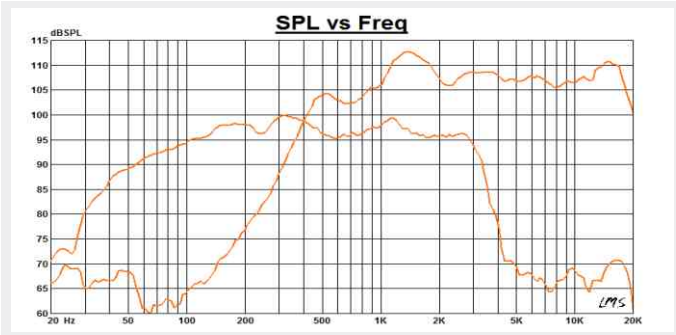
Overall Diameter	φ393mm/φ15.5 in
Bolt Circle Diameter	φ374mm/φ14.7 in
Mount Baffle Cut-out	φ356 mm/φ14 in
Depth	198 mm/7.8 in
Bolt Hole Diameter	8-φ7.5mm/8-φ0.29 in

## Shipping Information

Net Weight (1 unit)	9.4 kg
Shipping Weight(1 unit)	10.4 kg
Package Size (1 unit)	43x43x22cm

# 12CX7515H

# 10CX6515H



## Specifications

TYPE	COAXIAL
Nominal Diameter	300 mm/12 in
Rated impedance	8 ohm
POWER (AES)	400 W
Program Power	800 W
Sensitivity(1w/1m)	96.5 dB
Frequency Range	52Hz-19000Hz
Voice Coil Diameter	75 mm/3.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	80 W
Sensitivity(1w/1m)	107 dB
Voice Coil Diameter	75 mm/3 inch
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	52 Hz
Re	5.6 ohm
Qms	8.76
Qes	0.4
Qts	0.39
Vas	64 L
Sd	0.0547 m <sup>2</sup>
Mms	59.5 g
BL	16.5 T.M

## Mounting Information

Overall Diameter	φ314 mm/φ14.4 in
Bolt Circle Diameter	φ295 mm/φ11.6 in
Mount Baffle Cut-out	φ279 mm/φ10.98 in
Depth	190 mm/7.5 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	8.3 kg
Shipping Weight (1 unit)	9.5 kg
Package Size (1 unit)	32x32x20cm

## Specifications

TYPE	COAXIAL
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
POWER (AES)	300 W
Program Power	600 W
Sensitivity(1w/1m)	96 dB
Frequency Range	78Hz-20000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	50 W
Sensitivity(1w/1m)	106.5 dB
Voice Coil Diameter	44 mm/1.7 in
Voice Coil Material	ALR

## Thiele Small Parameters

Fs	78 Hz
Re	6.0 ohm
Qms	5.85
Qes	0.48
Qts	0.45
Vas	24.5 L
Sd	0.0360 m <sup>2</sup>
Mms	30.6 g
BL	14 T.M

## Mounting Information

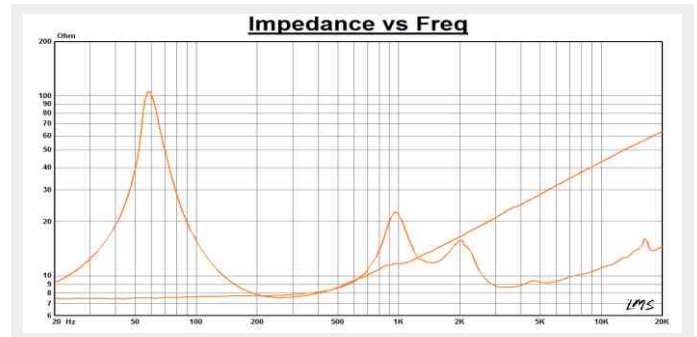
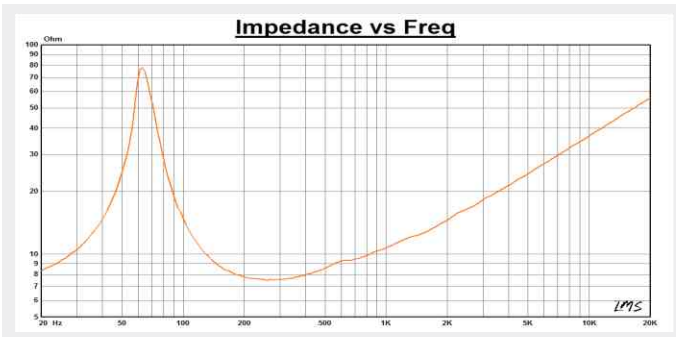
Overall Diameter	φ261 mm/φ10.3 in
Bolt Circle Diameter	φ246 mm/φ9.7 in
Mount Baffle Cut-out	φ230 mm/φ9.1 in
Depth	160 mm/6.3 in
Bolt Hole Diameter	8-φ6.5mm/8-φ0.26 in

## Shipping Information

Net Weight (1 unit)	5 kg
Shipping Weight (1 unit)	6 kg
Package Size (1 unit)	29x29x19cm

# 8CX5036A

# 6CX5036



## Specifications

TYPE	COAXIAL
Nominal Diameter	200 mm/8 in
Rated impedance	8 ohm
POWER (AES)	250 W
Program Power	500 W
Sensitivity(1w/1m)	94 dB
Frequency Range	62Hz-20000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	Copper out
HF UNIT	
POWER (AES)	40 W
Sensitivity(1w/1m)	105 dB
Voice Coil Diameter	36 mm/1.4 in
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	68 Hz
Re	6 ohm
Qms	4.8
Qes	0.46
Qts	0.42
Vas	18.53 L
Sd	0.0227 m <sup>2</sup>
Mms	24.8g
BL	11.3T.M

## Mounting Information

Overall Diameter	φ235/205mm/φ9.3/8.1 in
Bolt Circle Diameter	φ217 mm/φ8.5 in
Mount Baffle Cut-out	φ178 mm/φ7.0 in
Depth	126mm/4.96 in
Bolt Hole Diameter	4-5.5mm/4-0.22 in

## Shipping Information

Net Weight (1 unit)	3.6kg
Shipping Weight (4 unit)	17.5 kg
Package Size (4 unit)	43.5x43x26cm

## Specifications

TYPE	COAXIAL
Nominal Diameter	165 mm/ 6.5 in
Rated impedance	8 ohm
POWER (AES)	200 W
Program Power	400 W
Sensitivity(1w/1m)	91dB
Frequency Range	55Hz-19000Hz
Voice Coil Diameter	50 mm/2.0 in
Voice Coil Material	Copper out/in
HF UNIT	
POWER (AES)	40 W
Sensitivity(1w/1m)	105 dB
Voice Coil Diameter	36 mm/1.4 in
Voice Coil Material	CCAR

## Thiele Small Parameters

Fs	58 Hz
Re	6.0 ohm
Qms	5.84
Qes	0.34
Qts	0.32
Vas	9.4L
Sd	0.0137 m <sup>2</sup>
Mms	20.6g
BL	11.5 T.M

## Mounting Information

Overall Diameter	φ187/165mm/φ7.36/6.5in
Bolt Circle Diameter	φ172 mm/φ6.8 in
Mount Baffle Cut-out	φ147 mm/φ5.8 in
Depth	106 mm/4.17 in
Bolt Hole Diameter	4-φ5.5mm/4-φ0.22 in

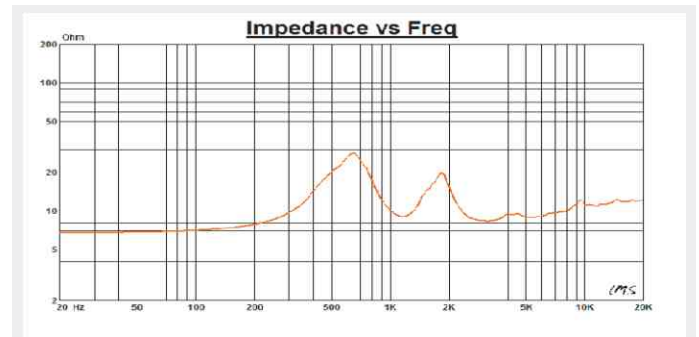
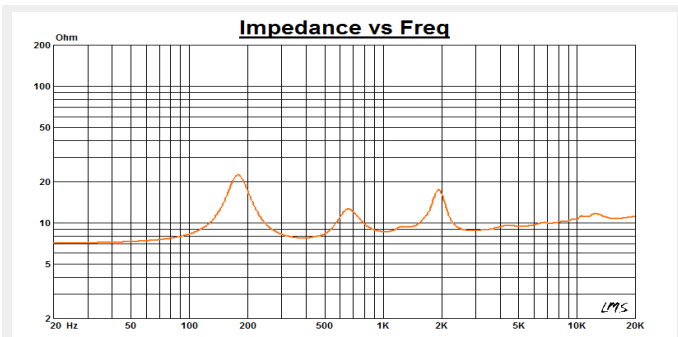
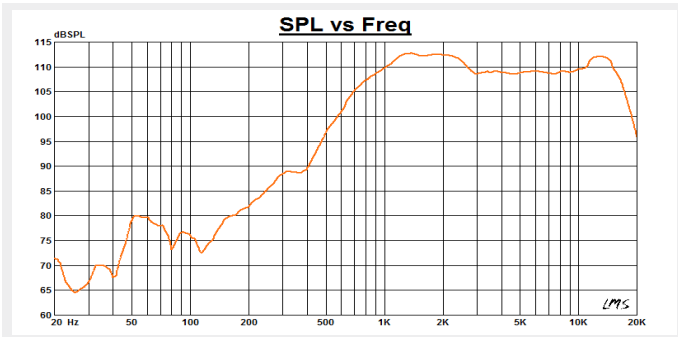
## Shipping Information

Net Weight (1 unit)	3.55 kg
Shipping Weight (4 unit)	15.1 kg
Package Size (4 unit)	36x19x29CM



# H1080-100N

# H900-75N



## Specifications

TYPE	Compression driver
Exit Throat Diameter	50/36mm/2in/1.4inch
Rated impedance	8 ohm
POWER (AES)	140 W
Program Power	280 W
Sensitivity(1w/1m)	109dB
Frequency Range	500Hz-20000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	500 Hz
Re	5.6ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Neodymium
Phase plug	Plastic /Alu

## Mounting Information

Overall Diameter	φ154 mm/φ6.1 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6 mm/4-M0.24 in
Depth	60mm/2.4 in

## Shipping Information

Net Weight (1 unit)	3.85 kg
Shipping Weight (4 unit)	17.5 kg
Package Size (4 unit)	37.5x19x17cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	109dB
Frequency Range	800Hz-19000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR out

## Thiele Small Parameters

Fs	800 Hz
Re	5.6ohm
Diaphragm Material	Titanium
Suspension Material	PEK
Magnet	Neodymium
Phase plug	Aluminium

## Mounting Information

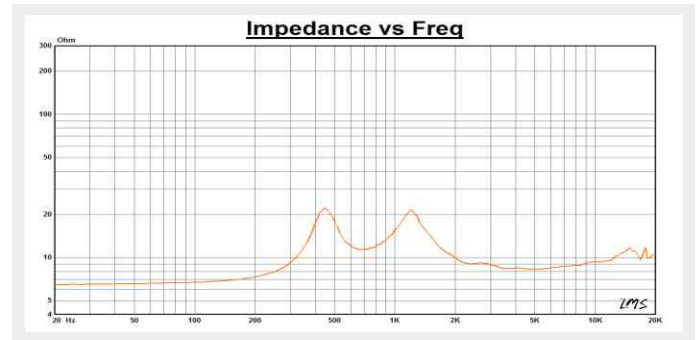
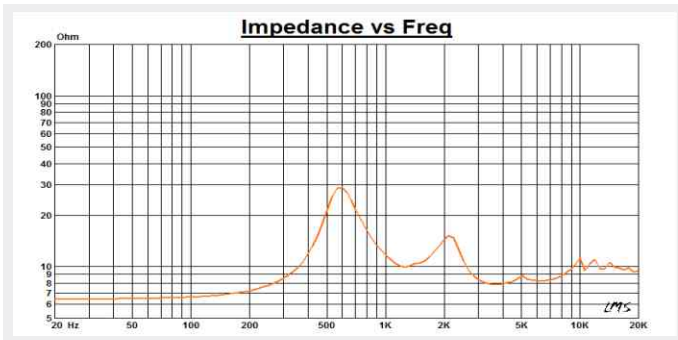
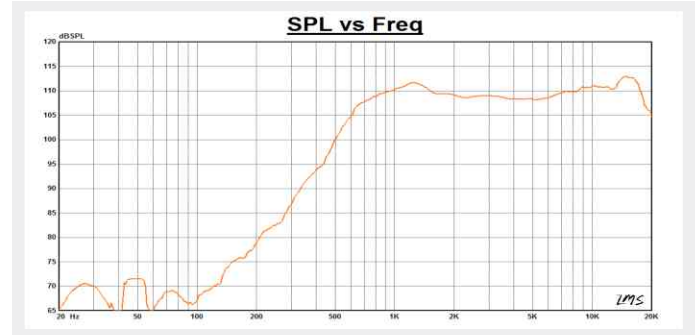
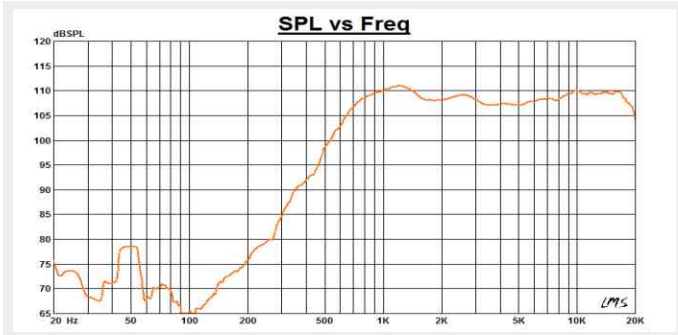
Overall Diameter	φ131 mm/φ5.2 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6 mm/4-M0.24 in
Depth	66 mm/2.6 in

## Shipping Information

Net Weight (1 unit)	2.63 kg
Shipping Weight (8 unit)	21.8 kg
Package Size (8 unit)	29x29x19cm

# H910-75N

# H880-75N



## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	108 dB
Frequency Range	800Hz-19000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR out

## Thiele Small Parameters

Fs	800 Hz
Re	5.6ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Neodymium
Phase plug	Aluminium

## Mounting Information

Overall Diameter	φ131 mm/φ5.2 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	55 mm/2.2 in

## Shipping Information

Net Weight (1 unit)	2.6 kg
Shipping Weight(8 unit)	21.3 kg
Package Size (8 unit)	29x29x19cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	108 dB
Frequency Range	800Hz-19000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR out

## Thiele Small Parameters

Fs	800 Hz
Re	5.6ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Neodymium
Phase plug	Plastic

## Mounting Information

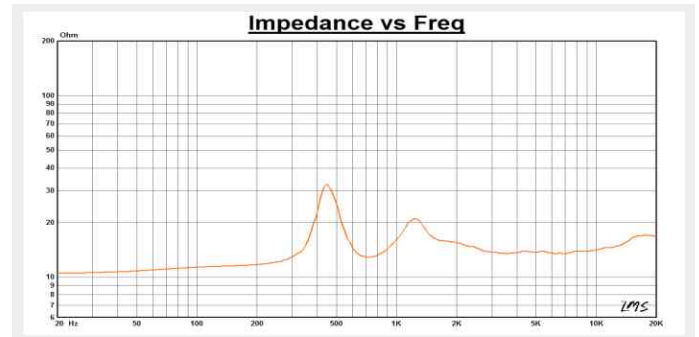
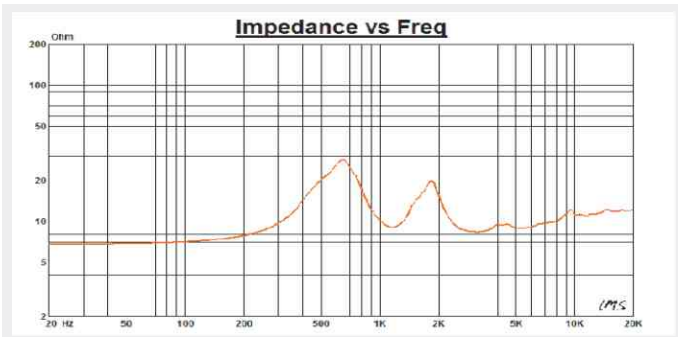
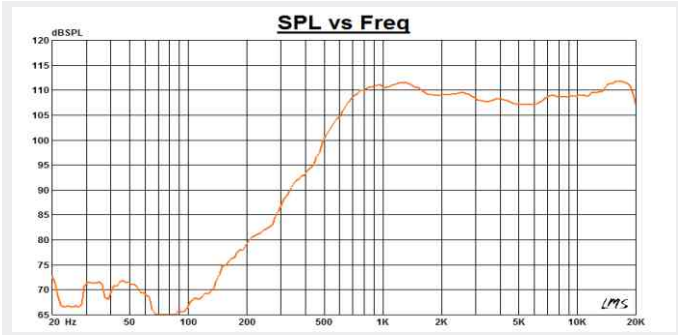
Overall Diameter	φ124 mm/φ4.9 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	58 mm/2.3 in

## Shipping Information

Net Weight (1 unit)	2.2 kg
Shipping Weight(8 unit)	18.8kg
Package Size (8 unit)	29*29*19cm

# H800-75N

# H780TN-16



## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	108 dB
Frequency Range	800Hz-19000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR out

## Thiele Small Parameters

Fs	800 Hz
Re	5.6ohm
Diaphragm Material	Titanium
Suspension Material	PEK
Magnet	Neodymium
Phase plug	Aluminium

## Mounting Information

Overall Diameter	φ124 mm/φ4.9 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	58 mm/2.3 in

## Shipping Information

Net Weight (1 unit)	2.3 kg
Shipping Weight (10 unit)	23.5 kg
Package Size (10 unit)	34x27x18cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	16 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	109 dB
Frequency Range	500Hz-18000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	500 Hz
Re	8.9 ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Neo
Phase plug	Plastic

## Mounting Information

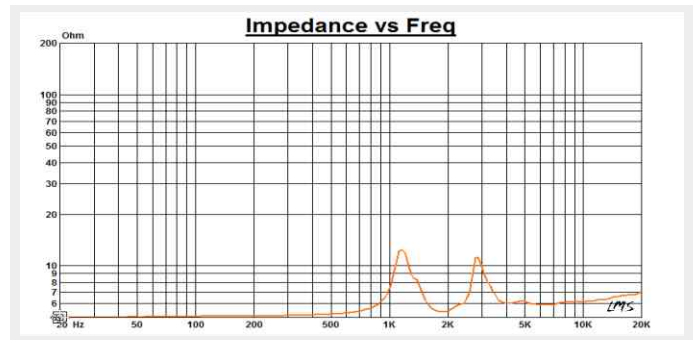
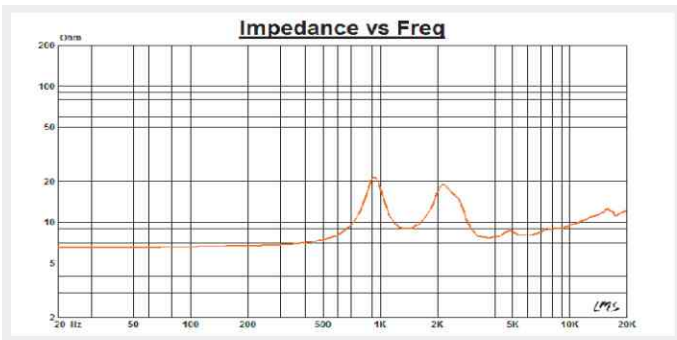
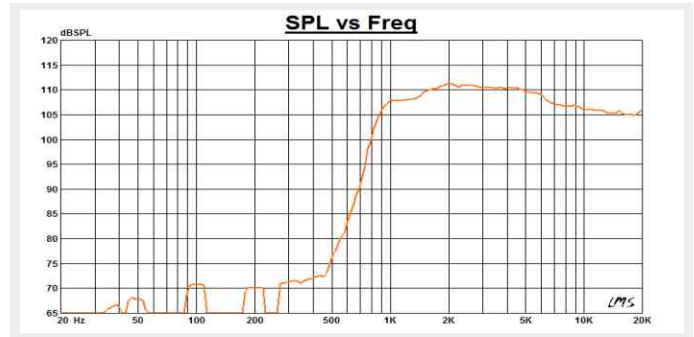
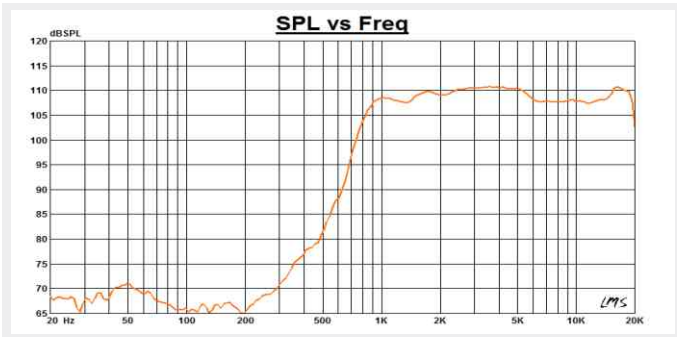
Overall Diameter	φ112 mm/φ4.41 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	56 mm/2.2 in

## Shipping Information

Net Weight (8 unit)	13.2 kg
Shipping Weight (8 unit)	14.3 kg
Package Size (8 unit)	26.8x26.5x165cm

# H400B-44N

# H2048-38N



## Specifications

TYPE	Compression driver
Exit Throat Diameter	25.4 mm/1 in
Rated impedance	8 ohm
POWER (AES)	50 W
Program Power	100 W
Sensitivity(1w/1m)	107 dB
Frequency Range	1200Hz-19000Hz
Voice Coil Diameter	44.4 mm/1.7 in
Voice Coil Material	ALR outside

## Thiele Small Parameters

Fs	1000 Hz
Re	5.8 ohm
Diaphragm Material	PI
Suspension Material	PI
Magnet	Neodymium
Phase plug	Plastic

## Mounting Information

Overall Diameter	φ85 mm/φ3.4 in
Bolt Circle Diameter	φ76 mm/φ3.0 in
Bolt Hole Diameter	2-M6mm/2-M0.24 in
Depth	46 mm/1.8 in

## Shipping Information

Net Weight (1 unit)	0.9 kg
Shipping Weight (10 unit)	9.5 kg
Package Size (10 unit)	27x22x14cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	25.4 mm/1 in
Rated impedance	8 ohm
POWER (AES)	40 W
Program Power	80 W
Sensitivity(1w/1m)	106 dB
Frequency Range	1100Hz-19000Hz
Voice Coil Diameter	38 mm/1.5 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	1100 Hz
Re	5.0 ohm
Diaphragm Material	PI
Suspension Material	PI
Magnet	Neodymium
Phase plug	Plastic

## Mounting Information

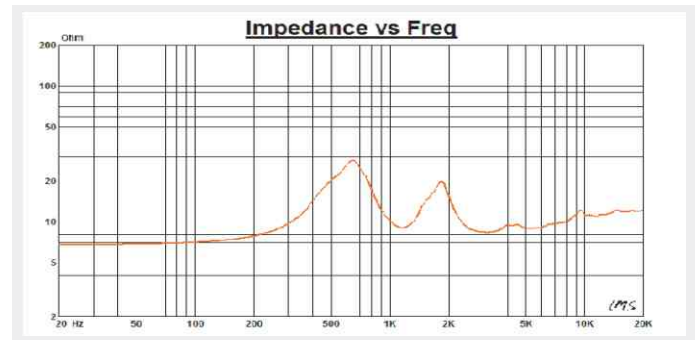
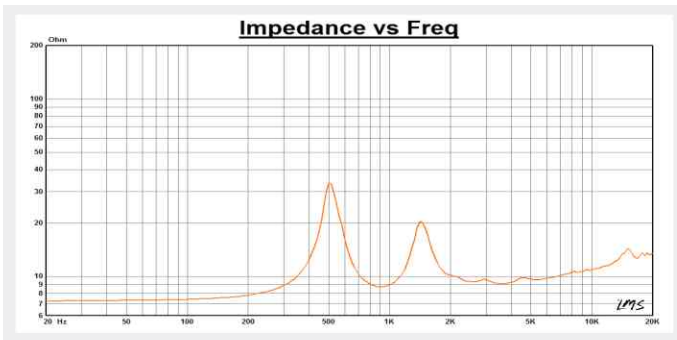
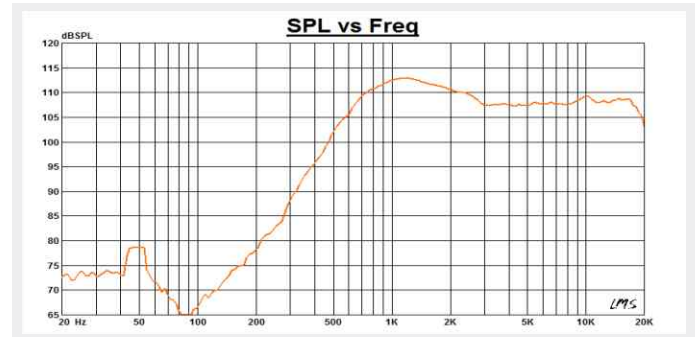
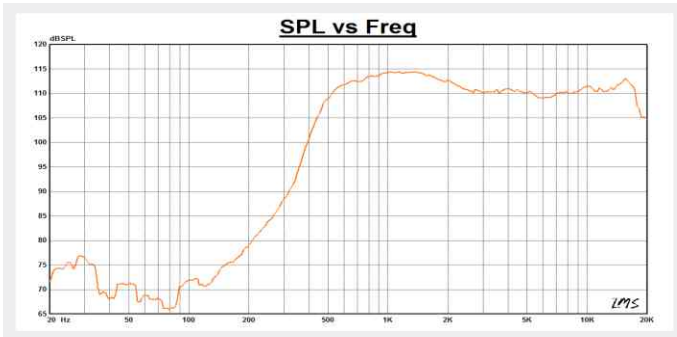
Overall Diameter	φ70 mm/φ2.8 in
Depth	53 mm/2.1 in

## Shipping Information

Net Weight (1 unit)	0.6 kg
Shipping Weight (10 unit)	6.5 kg
Package Size (10 unit)	27x22x14cm

# H8206-75HA

# H8206-75



## Specifications

TYPE	Compression driver
Exit Throat Diameter	50 mm/2.0 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	109 dB
Frequency Range	700Hz-20000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	700 Hz
Re	5.8 ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Ferrite
Phase plug	Plastic

## Mounting Information

Overall Diameter	φ170 mm/φ6.7 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	94 mm/3.7 in

## Shipping Information

Net Weight (1 unit)	4.7 kg
Shipping Weight(4 unit)	20.1 kg
Package Size (4 unit)	44x24x25cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	110 W
Program Power	220 W
Sensitivity(1w/1m)	107 dB
Frequency Range	700Hz-18000Hz
Voice Coil Diameter	75 mm/3 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	800 Hz
Re	6 ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Ferrite
Phase plug	Plastic

## Mounting Information

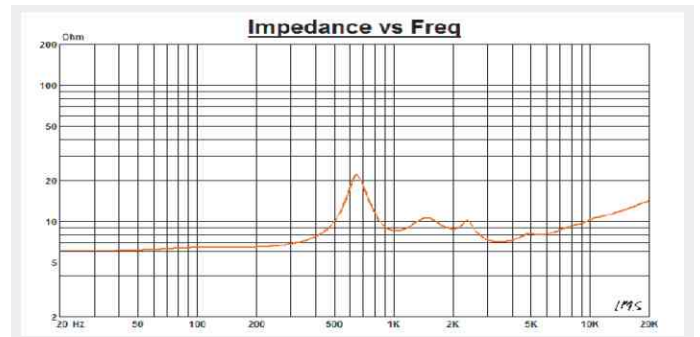
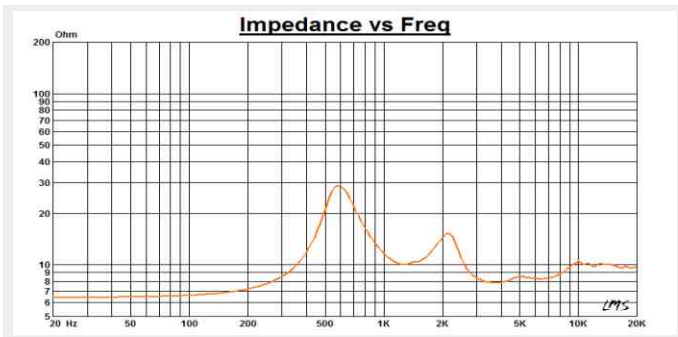
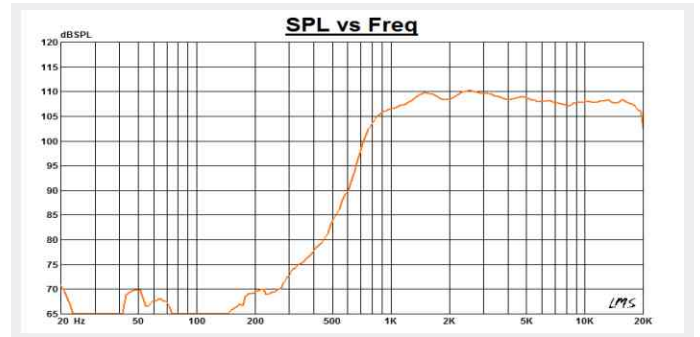
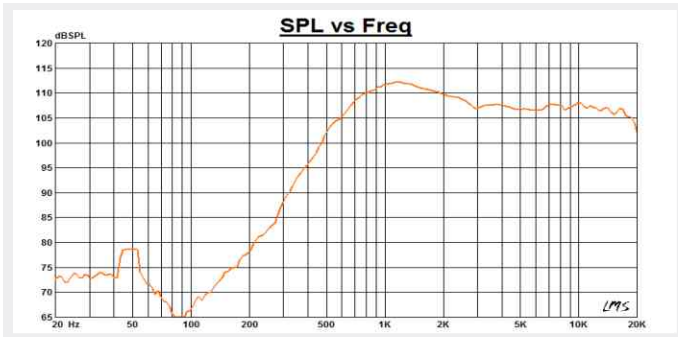
Overall Diameter	φ170 mm/φ6.7 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	65 mm/2.6 in

## Shipping Information

Net Weight (1 unit)	4.5 kg
Shipping Weight(4 unit)	20 kg
Package Size (4 unit)	38x19x17cm

# H610-65

# H2508-44



## Specifications

TYPE	Compression driver
Exit Throat Diameter	36 mm/1.4 in
Rated impedance	8 ohm
POWER (AES)	80 W
Program Power	160 W
Sensitivity(1w/1m)	108 dB
Frequency Range	1000Hz-18000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	1000 Hz
Re	6 ohm
Diaphragm Material	Titanium
Suspension Material	Titanium
Magnet	Ferrite
Phase plug	Plastic

## Mounting Information

Overall Diameter	φ156 mm/φ6.14 in
Bolt Circle Diameter	φ102 mm/φ4.0 in
Bolt Hole Diameter	4-M6mm/4-M0.24 in
Depth	64 mm/2.5 in

## Shipping Information

Net Weight (1 unit)	3.8 kg
Shipping Weight (4 unit)	15.7 kg
Package Size (4 unit)	38x19x17cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	25.4 mm/1 in
Rated impedance	8 ohm
POWER (AES)	50 W
Program Power	100 W
Sensitivity(1w/1m)	107 dB
Frequency Range	1000Hz-18000Hz
Voice Coil Diameter	44.4 mm/1.7 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	1000 Hz
Re	5.8 ohm
Diaphragm Material	PEN
Suspension Material	PEN
Magnet	Ferrite
Phase plug	Plastic

## Mounting Information

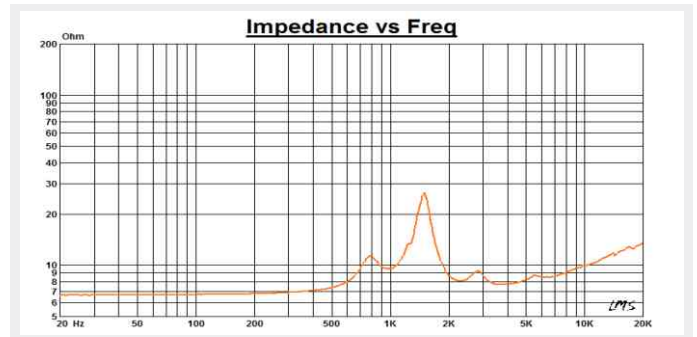
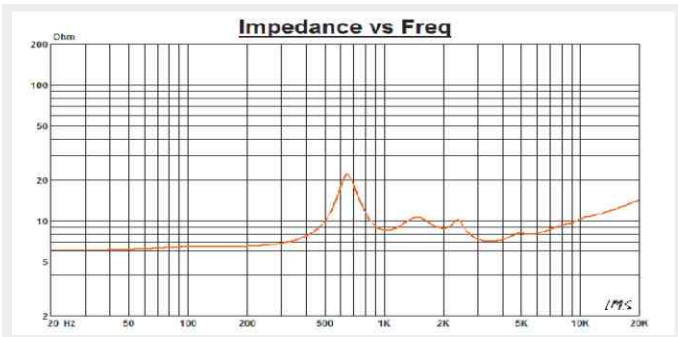
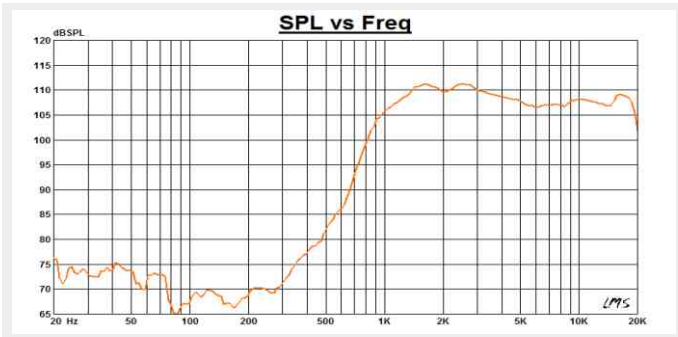
Overall Diameter	φ120 mm/φ4.7 in
Bolt Circle Diameter	φ76 mm/φ3.0 in
Bolt Hole Diameter	2-M6mm/2-M0.24 in
Depth	63 mm/2.5 in

## Shipping Information

Net Weight (1 unit)	2.3 kg
Shipping Weight (10 unit)	24.6 kg
Package Size (10unit)	34x27x18cm

# H1608-44

# H12-36



## Specifications

TYPE	Compression driver
Exit Throat Diameter	25.4 mm/1 in
Rated impedance	8 ohm
POWER (AES)	50 W
Program Power	100 W
Sensitivity(1w/1m)	106 dB
Frequency Range	1200Hz-18000Hz
Voice Coil Diameter	44.4 mm/1.7 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	1200 Hz
Re	5.8 ohm
Diaphragm Material	PEN
Suspension Material	PEN
Magnet	Ferite
Phase plug	Plastic

## Mounting Information

Overall Diameter	φ102 mm/φ4.0 in
Bolt Circle Diameter	φ76 mm/φ3.0 in
Bolt Hole Diameter	2-M6mm/2-M0.24 in
Depth	62 mm/2.4 in

## Shipping Information

Net Weight (1 unit)	1.8 kg
Shipping Weight (10 unit)	19.5 kg
Package Size (10 unit)	30x24x16cm

## Specifications

TYPE	Compression driver
Exit Throat Diameter	25.4 mm/1.0 in
Rated impedance	8 ohm
POWER (AES)	40 W
Program Power	80 W
Sensitivity(1w/1m)	105 dB
Frequency Range	1400Hz-18000Hz
Voice Coil Diameter	36 mm/1.4 in
Voice Coil Material	CCAR outside

## Thiele Small Parameters

Fs	1400 Hz
Re	6 ohm
Diaphragm Material	PE
Suspension Material	PE
Magnet	Ferite
Phase plug	Plastic

## Mounting Information

Overall Diameter	φ90 mm/φ3.5 in
Bolt Circle Diameter	φ76 mm/φ3.0 in
Bolt Hole Diameter	2-M5mm/2-M0.2 in
Depth	52 mm/2.1 in

## Shipping Information

Net Weight (1 unit)	1.1 kg
Shipping Weight (10 unit)	12.5 kg
Package Size (10unit)	27x22x14cm

