

Carbon Cone

AD804	02
AD502	03
X804/X502	04
SCD21H2002	05
SCB21H2002	06
SCD21L1202	07
SCB21L1202	08
SCD18H2002	09
SCB18H2002	10
SCD18L1202	11
SCB18L1202	12
SCD18L1202XL	13
SCB18L1202XL	14
SCD18G902	15
SCB18G902	16
SCB18G902XL	17
SCD15L1202	18
SCD15G902	19
SCB15G902	20
SCB15G902XL	21
SCD12N500XL	22
SCB12N500XL	23
SCB10F400XL	24

Carbon Cone series.

Carbon fiber, the real rigid but actual light in weight material using in speaker cone makes the **Carbon Cone Speaker** performing excellent, especially in sub-woofer.

Usually the higher power output creates higher air pressure upon the cone surface, caused the cone surface changing its shape, dividing the cone into many phrases that reduced the power output, also resulted extra distortion. But the use of **Carbon Cone** can fix the technical difficulties easily. It provides a very rich and clear original sound and spreading the sound fast than paper cone.

Our **Carbon Cone Speakers** include neodymium and traditional ferrite with two kinds of surrounding edges: rubber roll surrounding and cloth roll surrounding (edge). Neodymium speakers have higher sensitivity and great power output. The rubber roll surrounding edge makes the sound soft and enhanced the reduction of distortion.

碳纤维系列

碳纤维它有质量轻、刚性强、声音传播速度快的优点，用碳纤维做的超低音扬声器有极好的表现，在超低音箱里，它能改善大功率输出下产生巨大气压对振盆造成的扭曲变形，大大降低失真，因而让低频输出非常饱满、干净和速度快，与纸盆截然不同，是非常理想的超低音单元。

目前碳纤维超低音扬声器有钕铁硼和铁氧体，布边和橡胶边，钕铁硼的扬声器重量轻，灵敏度高，承受功率大。橡胶边的扬声器低频更柔和，失真更低。

The Manufacturer of Professional Speaker

NEODYMIUM
SUBWOOFER

AD804

80"

Nominal diameter

20~200Hz

Frequency range

5000W

Power handling capacity

105dB

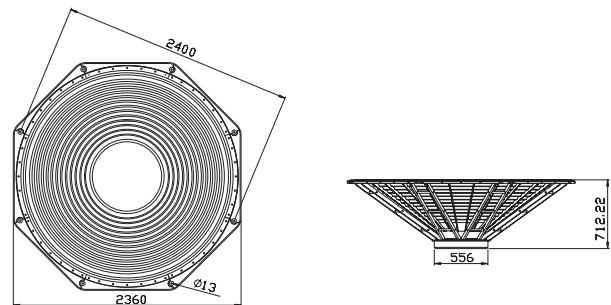
Sensitivity (1W/1m)



Specifications

Model		AD804
Nominal diameter	in.	80
Power handling capacity	W(AES)	5000
Max power	Watts	10000
Nominal impedance	Ω	4
Sensitivity (1W/1m)	dB	105
Frequency range	Hz	20-200
Voice coil diameter	mm/in	500/19.7
Fs	Hz	11
Re	Ω	4.0
Qms		7.95
Qes		0.2
Qts		0.2
Vas	L	42029
Mms	gr	10350
Cms	mm/N	0.02
BL	Tm	110.0
Le	mH	5.6
Xmax	mm	15.0
nO	%	6.80
Sd	cm ²	35632
Overall diameter	mm	2360
Bolt circle diamete	mm	2400
Baffle cut-out diameter	mm	2320
Overall depth	mm	720
Net weight	Kg	210

Dimension Drawings



- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



NEODYMIUM

SUBWOOFER

AD502

50"

Nominal diameter

25~200Hz

Frequency range

3000W

Power handling capacity

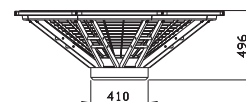
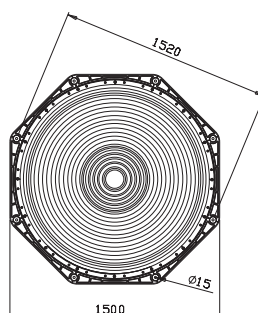
102dB

Sensitivity (1W/1m)

Specifications

Model		AD502
Nominal diameter	in.	50
Power handling capacity	W(AES)	3000
Max power	Watts	6000
Nominal impedance	Ω	4
Sensitivity (1W/1m)	dB	102
Frequency range	Hz	25-200
Voice coil diameter	mm/in	345/13.6
Fs	Hz	14
Re	Ω	3.8
Qms		12.00
Qes		0.36
Qts		0.35
Vas	L	4644
Mms	gr	4294
Cms	mm/N	0.02
BL	Tm	65.0
Le	mH	3.20
Xmax	mm	15.0
nO	%	5.80
Sd	cm ²	13478
Overall diameter	mm	1500
Bolt circle diamete	mm	1520
Baffle cut-out diameter	mm	1400
Overall depth	mm	500
Net weight	Kg	120

Dimension Drawings



- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



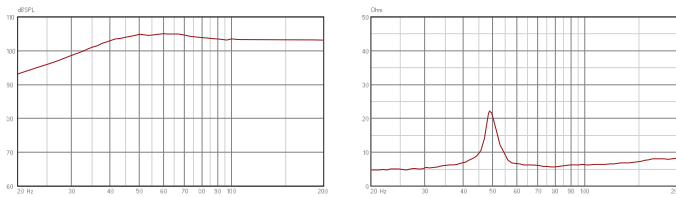
The Manufacturer of Professional Speaker

X804

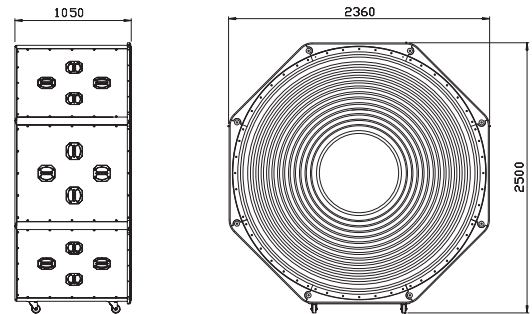
Model		X804
Nominal diameter	in.	80
Power handling capacity	W(AES)	5000
Program power	Watts	10000
Nominal impedance	Ω	4
Sensitivity (1W/1m)	dB	105
Frequency range	Hz	20-100
Rated Maximnm SPL at 1 m	dB	135
Dimensions H x W x D	mm	2500x2360x1050
Net weight	Kg	430



Frequency Response and Impedance Magnitude Curve



Dimension Drawings

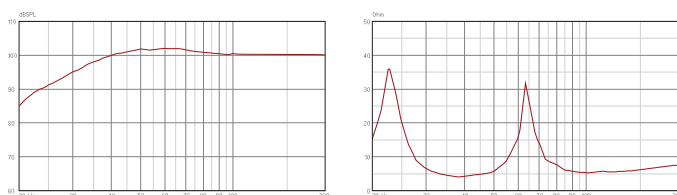


X502

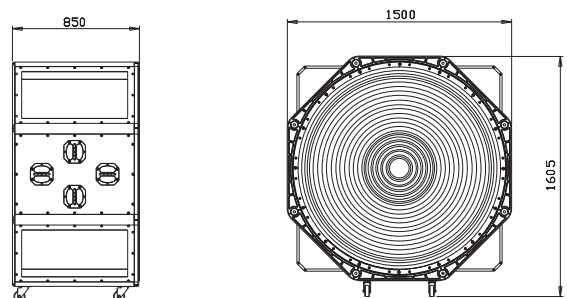
Model		X502
Nominal diameter	in.	50
Power handling capacity	W(AES)	3000
Program power	Watts	6000
Nominal impedance	Ω	4
Sensitivity (1W/1m)	dB	102
Frequency range	Hz	25-100
Rated Maximnm SPL at 1 m	dB	135
Dimensions H x W x D	mm	1605x1500x850
Net weight	Kg	260



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD21H2002

- 4000 Watt Max Power •
- 150.6mm(6inch) voice coil •
- 30Hz to 200Hz frequency response •
- 99dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

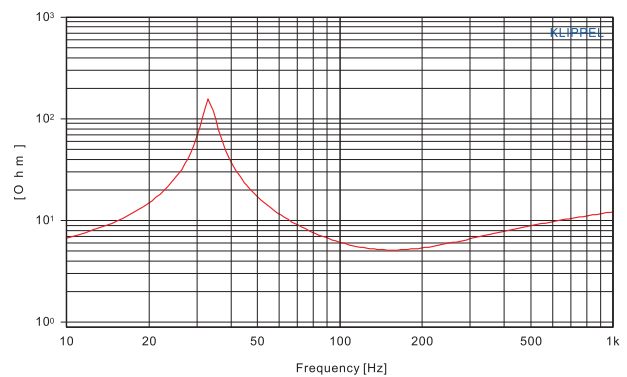
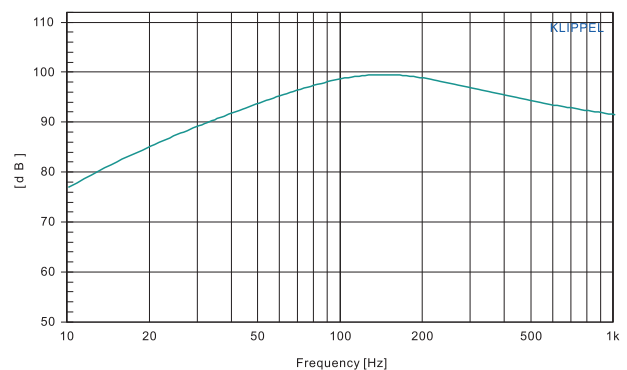
Specifications

Model		SCD21H2002
Nominal diameter	in.	21
Power handling capacity	W(AES)	2000
Max power	Watts	4000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	99
Frequency range	Hz	30-200
Voice coil diameter	mm/in	150.6/6
Fs	Hz	33
Re	Ω	4.5
Qms		10.9
Qes		0.31
Qts		0.30
Vas	L	204
Mms	gr	425
Cms	mm/N	0.05
BL	Tm	36
Le	mH	1
Xmax	mm	11
nO	%	2.2
Sd	cm ²	1626
Overall diameter	mm	534
Bolt circle diamete	mm	548
Baffle cut-out diameter	mm	496
Overall depth	mm	245
Net weight	Kg	18

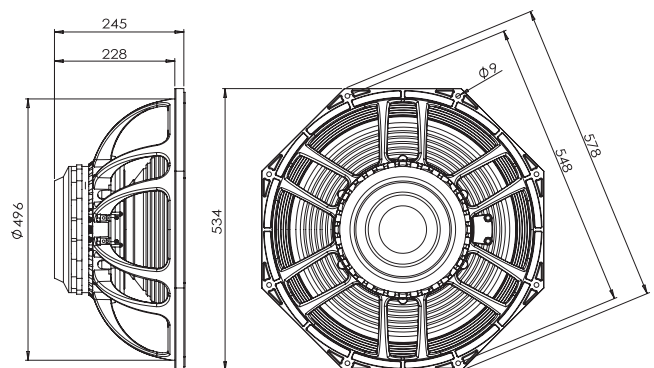
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB21H2002

- 4000 Watt Max Power
- 150.6mm(6inch) voice coil
- 30Hz to 200Hz frequency response
- 98dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



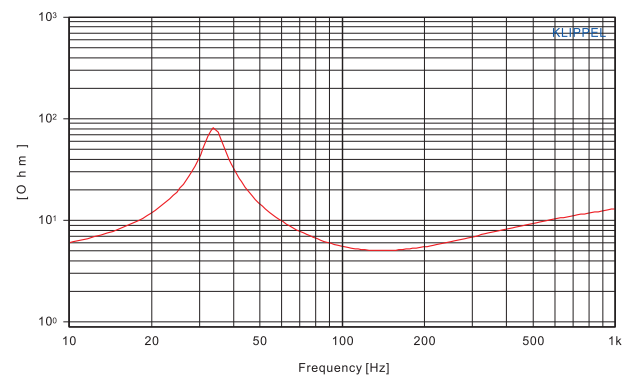
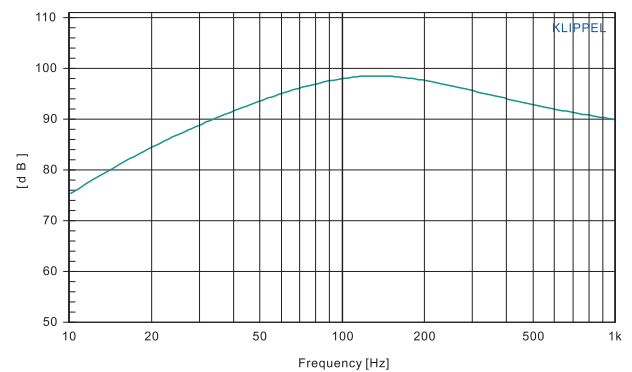
Specifications

Model		SCB21H2002
Nominal diameter	in.	21
Power handling capacity	W(AES)	2000
Max power	Watts	4000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	30-200
Voice coil diameter	mm/in	150.6/6
Fs	Hz	33
Re	Ω	4.5
Qms		10.6
Qes		0.36
Qts		0.35
Vas	L	204
Mms	gr	425
Cms	mm/N	0.05
BL	Tm	33
Le	mH	1
Xmax	mm	11
nO	%	2
Sd	cm ²	1626
Overall diameter	mm	534
Bolt circle diamete	mm	548
Baffle cut-out diameter	mm	496
Overall depth	mm	247
Net weight	Kg	24.6

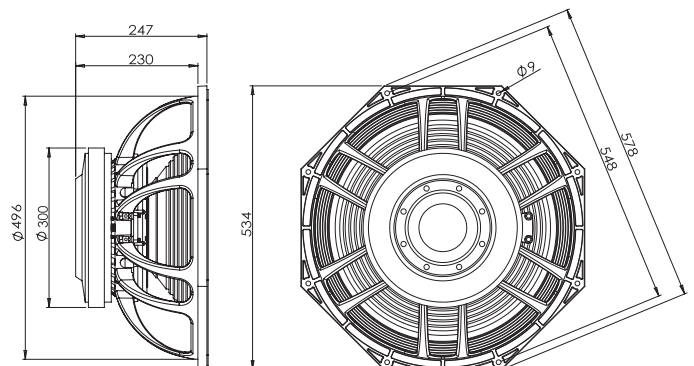
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD21L1202

- 2400 Watt Max Power •
- 125mm(5inch) voice coil •
- 32Hz to 200Hz frequency response •
- 98.5 dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

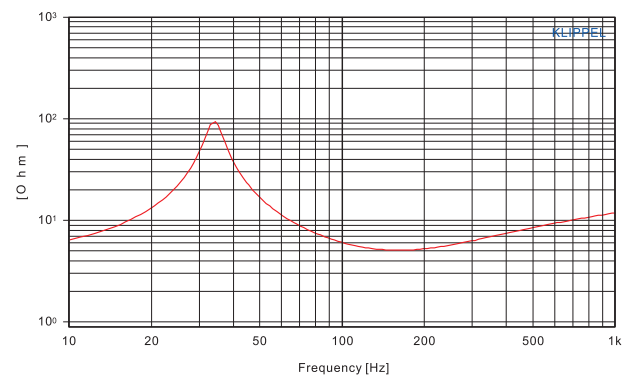
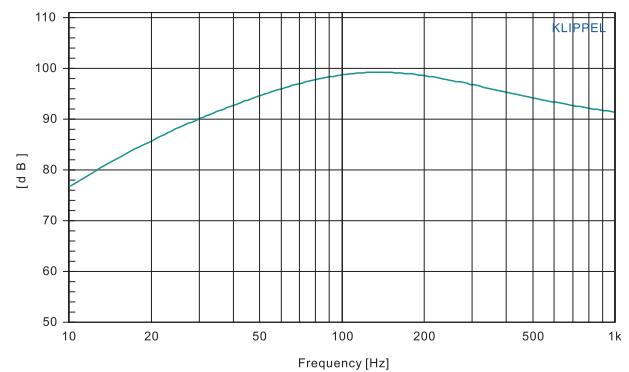
Specifications

Model		SCD21L1202
Nominal diameter	in.	21
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98.5
Frequency range	Hz	32-200
Voice coil diameter	mm/in	125/5
Fs	Hz	34
Re	Ω	4.5
Qms		9.86
Qes		0.35
Qts		0.34
Vas	L	211
Mms	gr	385
Cms	mm/N	0.06
BL	Tm	32.4
Le	mH	1
Xmax	mm	11
nO	%	2.3
Sd	cm ²	1626
Overall diameter	mm	534
Bolt circle diamete	mm	548
Baffle cut-out diameter	mm	496
Overall depth	mm	245
Net weight	Kg	14.5

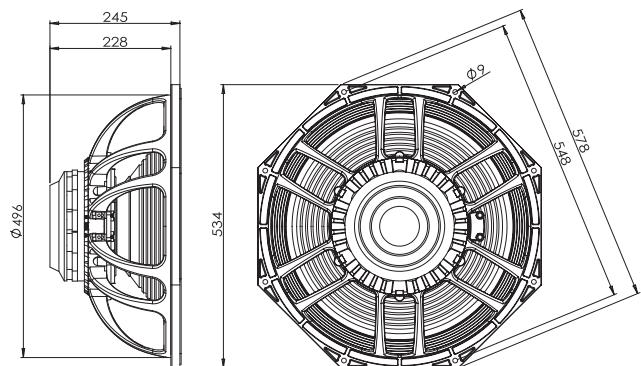
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB21L1202

- 2400 Watt Max Power
- 125mm(5inch) voice coil
- 32Hz to 200Hz frequency response
- 98dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



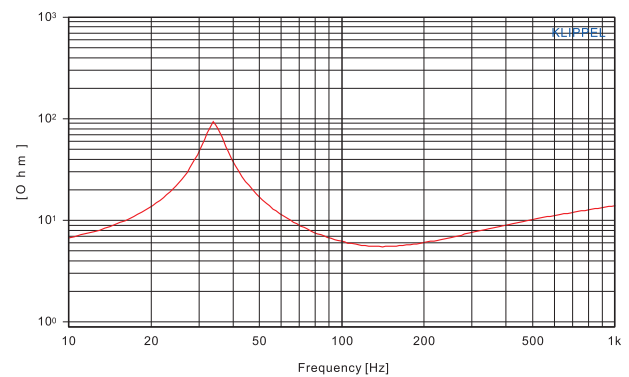
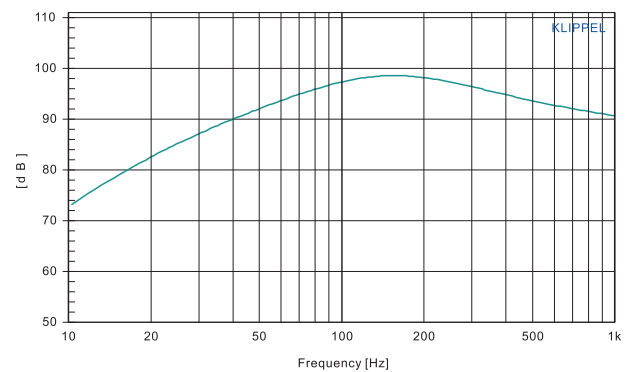
Specifications

Model		SCB21L1202
Nominal diameter	in.	21
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	32-200
Voice coil diameter	mm/in	125/5
Fs	Hz	34
Re	Ω	4.5
Qms		9.50
Qes		0.40
Qts		0.38
Vas	L	211
Mms	gr	385
Cms	mm/N	0.06
BL	Tm	30.5
Le	mH	1
Xmax	mm	11
nO	%	2.2
Sd	cm ²	1626
Overall diameter	mm	534
Bolt circle diamete	mm	548
Baffle cut-out diameter	mm	496
Overall depth	mm	247
Net weight	Kg	21.5

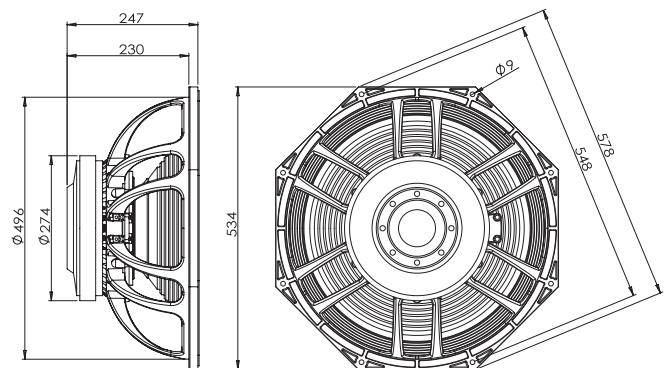
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD18H2002

- 4000 Watt Max Power •
- 150.6mm(6inch) voice coil •
- 36Hz to 200Hz frequency response •
- 98dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

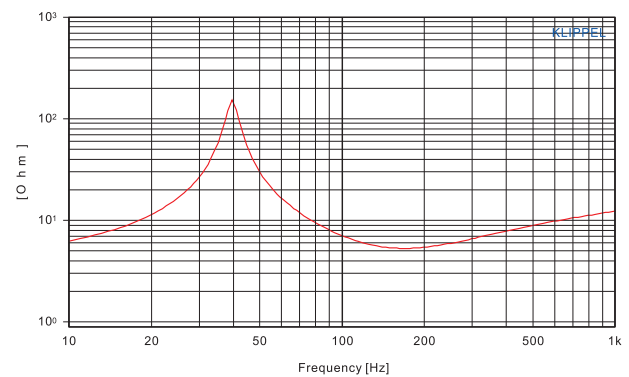
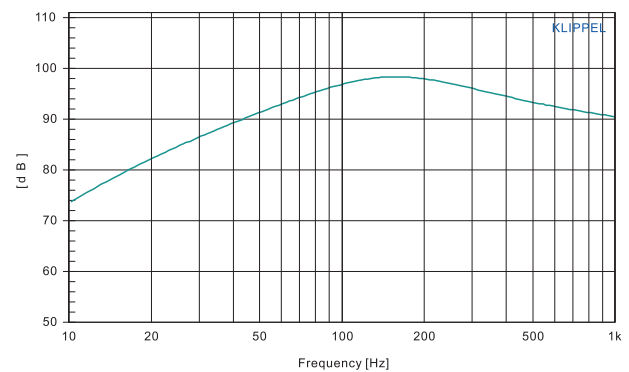
Specifications

Model		SCD18H2002
Nominal diameter	in.	18
Power handling capacity	W(AES)	2000
Max power	Watts	4000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	36-200
Voice coil diameter	mm/in	150.6/6
Fs	Hz	39
Re	Ω	4.5
Qms		10.5
Qes		0.28
Qts		0.27
Vas	L	106
Mms	gr	330
Cms	mm/N	0.05
BL	Tm	36
Le	mH	1
Xmax	mm	11
nO	%	2.1
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	215
Net weight	Kg	17.6

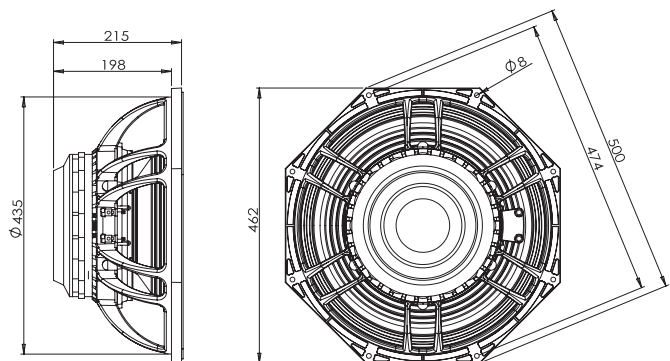
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB18H2002

- 4000 Watt Max Power
- 150.6mm(6inch) voice coil
- 36Hz to 200Hz frequency response
- 97dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



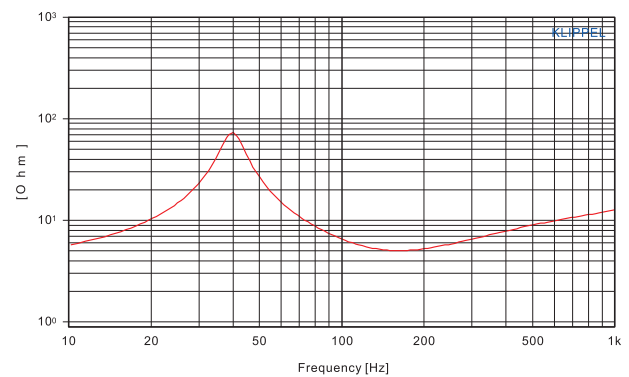
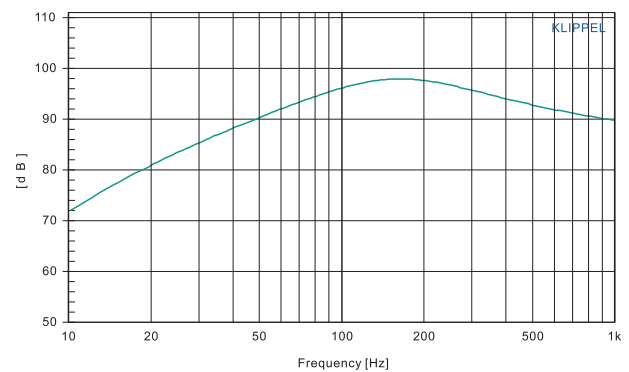
Specifications

Model		SCB18H2002
Nominal diameter	in.	18
Power handling capacity	W(AES)	2000
Max power	Watts	4000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	97
Frequency range	Hz	36-200
Voice coil diameter	mm/in	150.6/6
Fs	Hz	39
Re	Ω	4.5
Qms		8.46
Qes		0.33
Qts		0.32
Vas	L	106
Mms	gr	330
Cms	mm/N	0.05
BL	Tm	33
Le	mH	1
Xmax	mm	11
nO	%	2
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	217
Net weight	Kg	24

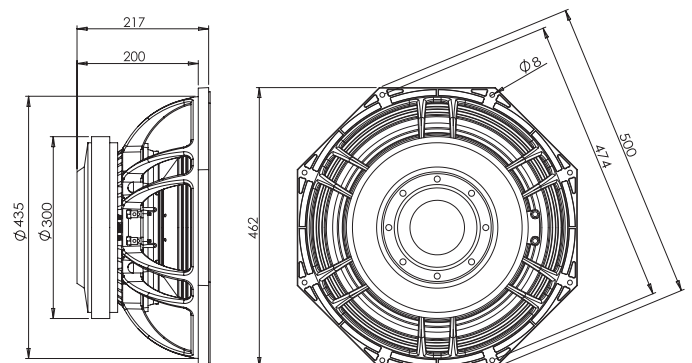
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD18L1202

- 2400 Watt Max Power •
- 125mm(5inch) voice coil •
- 36Hz to 200Hz frequency response •
- 98.5dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

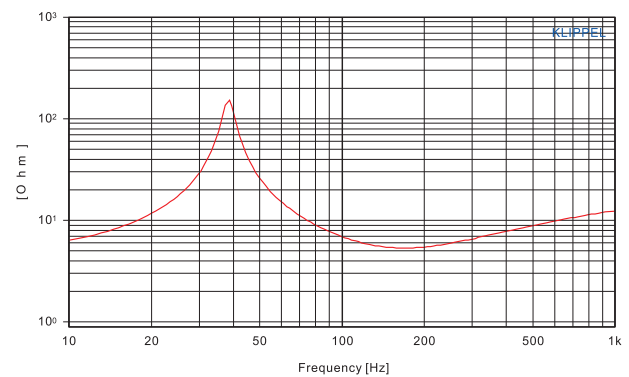
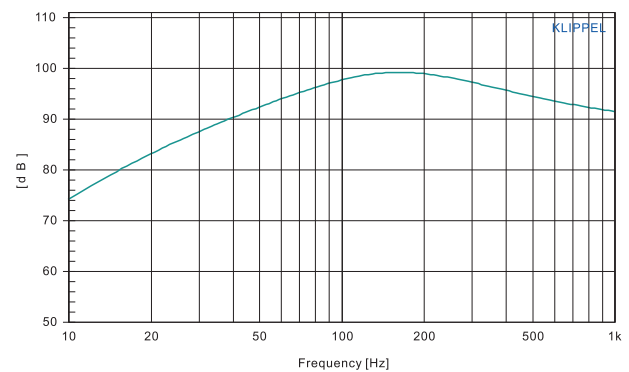
Specifications

Model		SCD18L1202
Nominal diameter	in.	18
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98.5
Frequency range	Hz	36-200
Voice coil diameter	mm/in	125/5
Fs	Hz	38
Re	Ω	4.5
Qms		6.30
Qes		0.30
Qts		0.28
Vas	L	127
Mms	gr	290
Cms	mm/N	0.06
BL	Tm	32.4
Le	mH	0.9
Xmax	mm	11
nO	%	2.2
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	215
Net weight	Kg	14

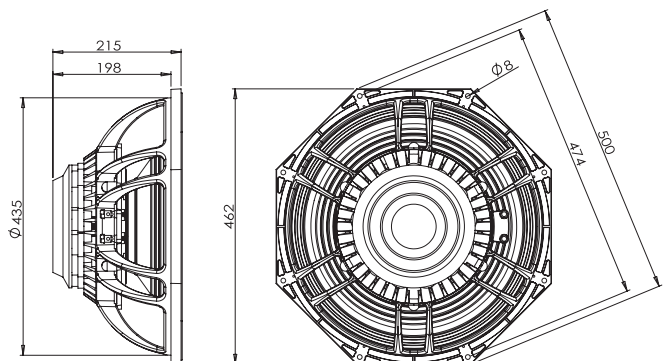
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB18L1202

- 2400 Watt Max Power
- 125mm(5inch) voice coil
- 36Hz to 200Hz frequency response
- 98dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



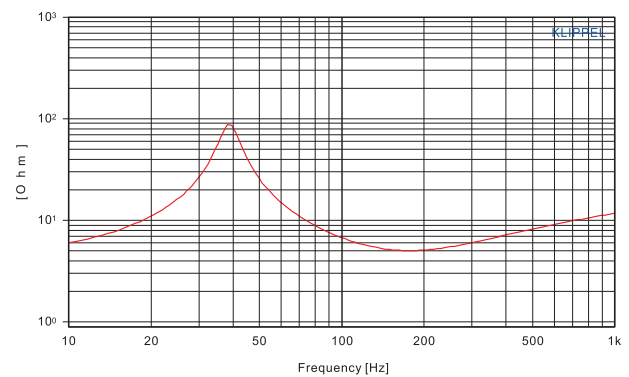
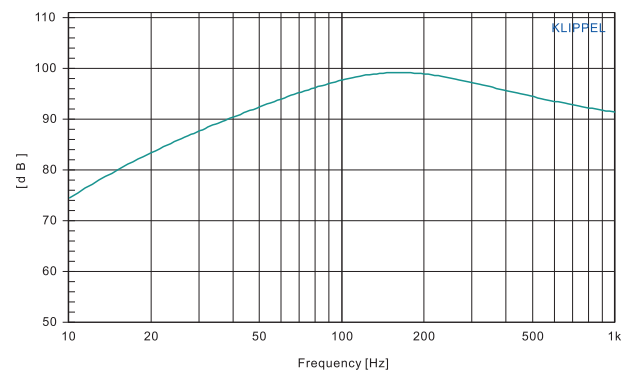
Specifications

Model		SCB18L1202
Nominal diameter	in.	18
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	36-200
Voice coil diameter	mm/in	125/5
Fs	Hz	38
Re	Ω	4.5
Qms		6.40
Qes		0.34
Qts		0.32
Vas	L	127
Mms	gr	290
Cms	mm/N	0.06
BL	Tm	30.5
Le	mH	0.9
Xmax	mm	11
nO	%	2
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	217
Net weight	Kg	20.8

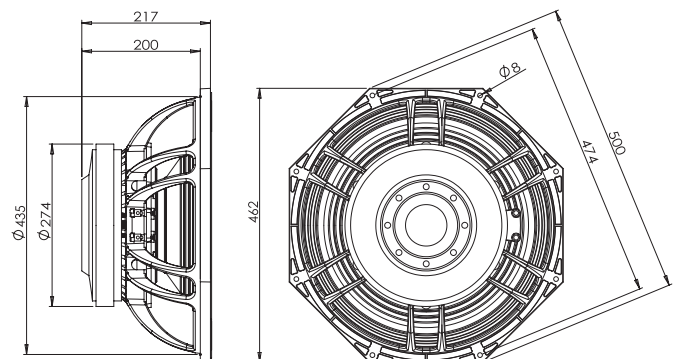
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD18L1202XL

- 2400 Watt Max Power
- 125mm(5inch) voice coil
- 32Hz to 200Hz frequency response
- 97 dB 1W@1m sensitivity
- Neodymium magnet structure
- Carbon Cone
- Rubber roll surround

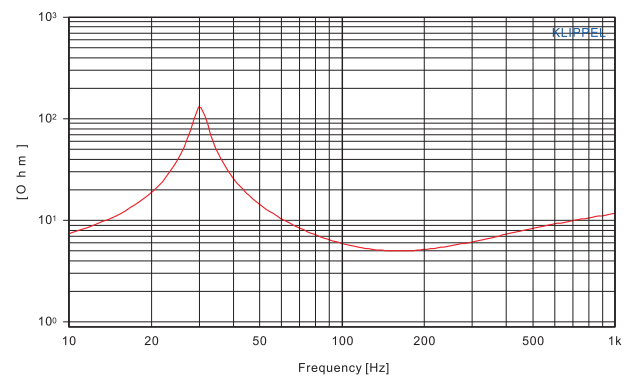
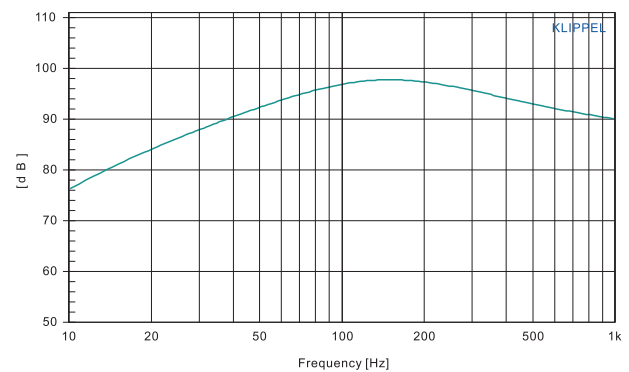
Specifications

Model		SCD18L1202XL
Nominal diameter	in.	18
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	97
Frequency range	Hz	32-200
Voice coil diameter	mm/in	125/5
Fs	Hz	30
Re	Ω	4.5
Qms		8.79
Qes		0.31
Qts		0.30
Vas	L	154
Mms	gr	384
Cms	mm/N	0.07
BL	Tm	32.4
Le	mH	0.9
Xmax	mm	11
nO	%	1.2
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	215
Net weight	Kg	14.5

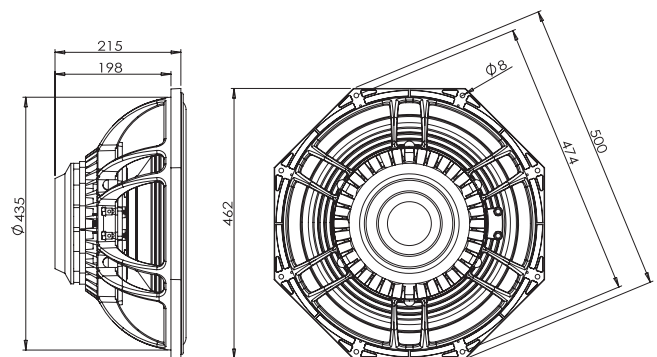
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB18L1202XL

- 2400 Watt Max Power
- 125mm(5inch) voice coil
- 32Hz to 200Hz frequency response
- 96 dB 1W@1m sensitivity
- Ferrite magnet structure •
- Carbon Cone
- Rubber roll surround



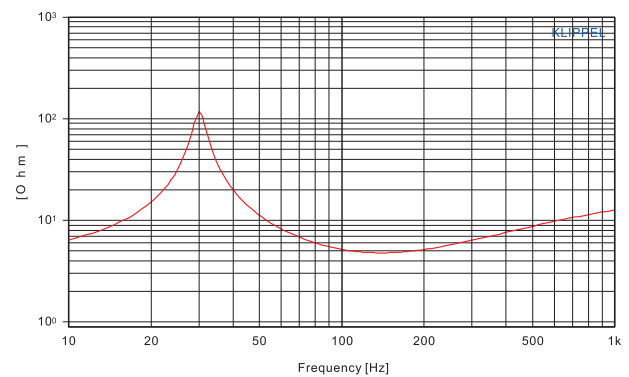
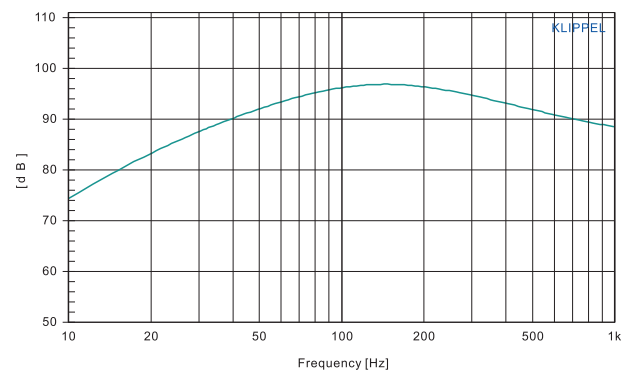
Specifications

Model		SCB18L1202XL
Nominal diameter	in.	18
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	96
Frequency range	Hz	28-200
Voice coil diameter	mm/in	125/5
Fs	Hz	30
Re	Ω	4.5
Qms		8.90
Qes		0.35
Qts		0.34
Vas	L	154
Mms	gr	384
Cms	mm/N	0.07
BL	Tm	30.5
Le	mH	0.9
Xmax	mm	11
nO	%	1.1
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	217
Net weight	Kg	21.2

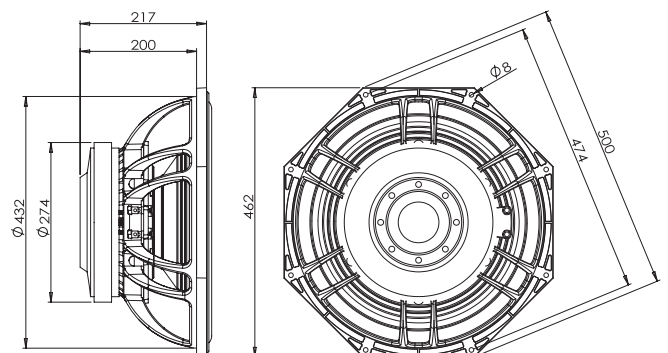
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD18G902

- 1800 Watt Max Power •
- 99.5mm(4inch) voice coil •
- 36Hz to 200Hz frequency response •
- 96.5 dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

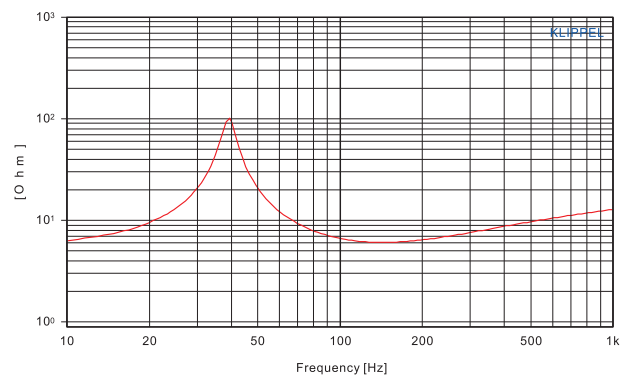
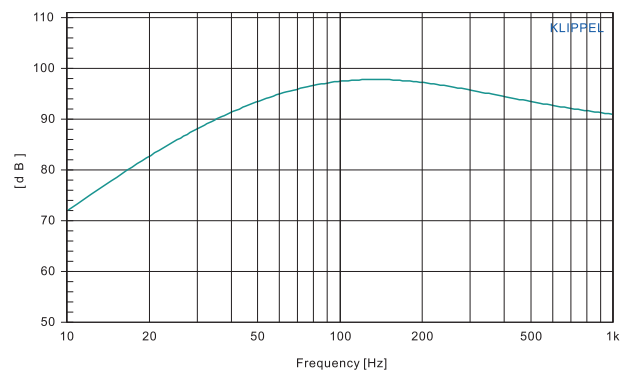
Specifications

Model		SCD18G902
Nominal diameter	in.	18
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	96.5
Frequency range	Hz	36-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	39
Re	Ω	5.5
Qms		9.70
Qes		0.47
Qts		0.45
Vas	L	134
Mms	gr	260
Cms	mm/N	0.06
BL	Tm	27.3
Le	mH	0.87
Xmax	mm	11
nO	%	1.6
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	215
Net weight	Kg	11.3

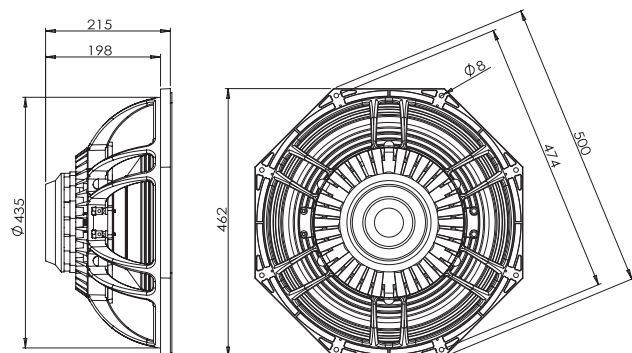
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB18G902

- 1800 Watt Max Power
- 99.5mm(4inch) voice coil
- 36Hz to 200Hz frequency response
- 96dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



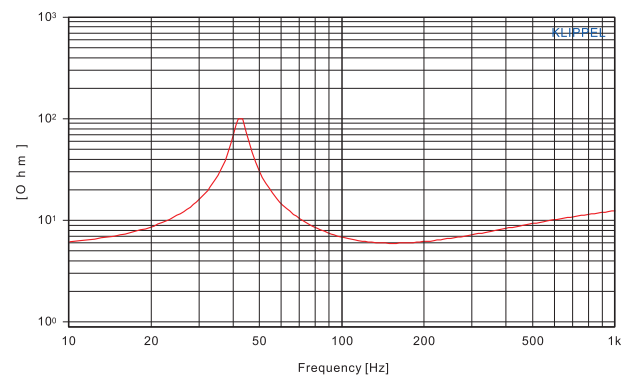
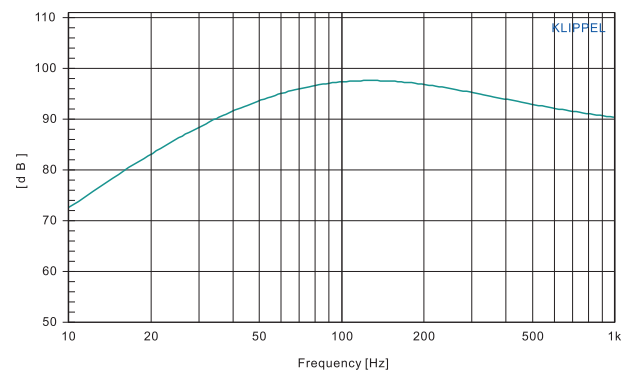
Specifications

Model		SCB18G902
Nominal diameter	in.	18
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	96
Frequency range	Hz	36-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	39
Re	Ω	5.5
Qms		9.50
Qes		0.50
Qts		0.48
Vas	L	134
Mms	gr	260
Cms	mm/N	0.06
BL	Tm	26.5
Le	mH	0.82
Xmax	mm	11
nO	%	1.5
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	217
Net weight	Kg	15.6

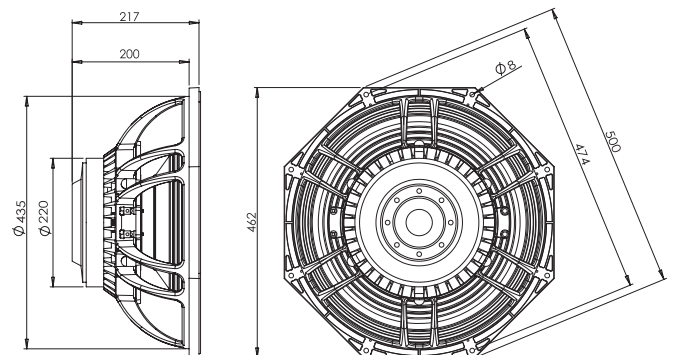
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





FERRITE

SUBWOOFER

SCB18G902XL

- 1800 Watt Max Power
- 99.5mm(4inch) voice coil
- 30Hz to 200Hz frequency response
- 95 dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone
- Rubber roll surround

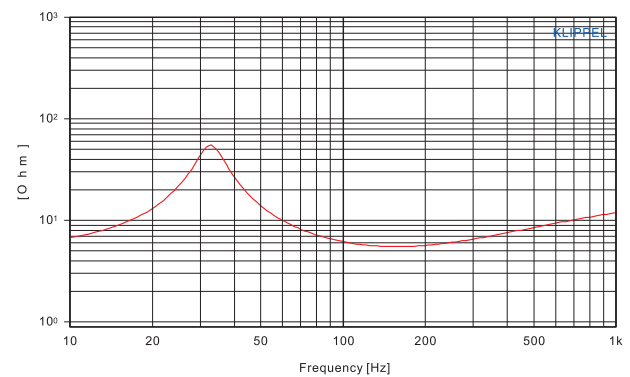
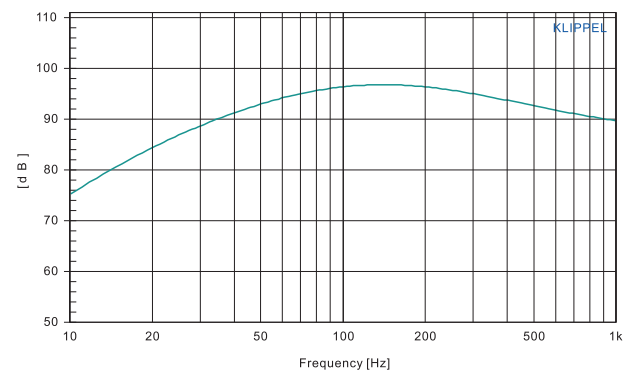
Specifications

Model		SCB18G902XL
Nominal diameter	in.	18
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	95
Frequency range	Hz	30-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	32
Re	Ω	5.5
Qms		4.50
Qes		0.48
Qts		0.44
Vas	L	170
Mms	gr	305
Cms	mm/N	0.08
BL	Tm	26.6
Le	mH	0.82
Xmax	mm	11
nO	%	1.2
Sd	cm ²	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	217
Net weight	Kg	16

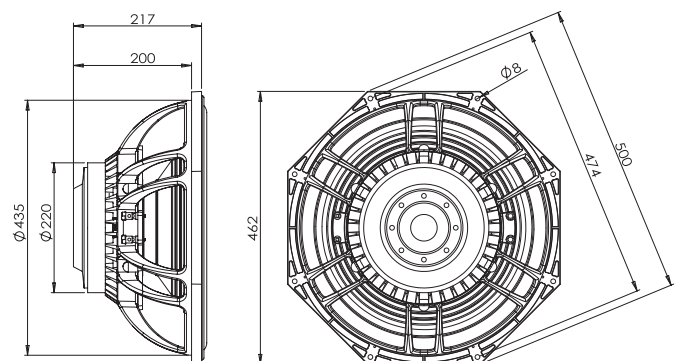
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

NEODYMIUM
SUBWOOFER

SCD15L1202

- 2400 Watt Max Power
- 125mm(5inch) voice coil
- 42Hz to 200Hz frequency response
- 98dB 1W@1m sensitivity
- Neodymium magnet structure
- Carbon Cone



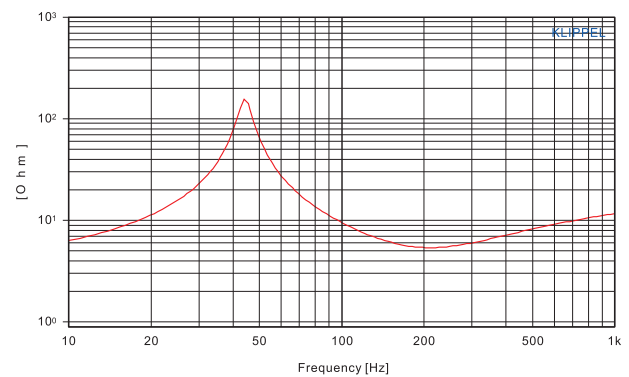
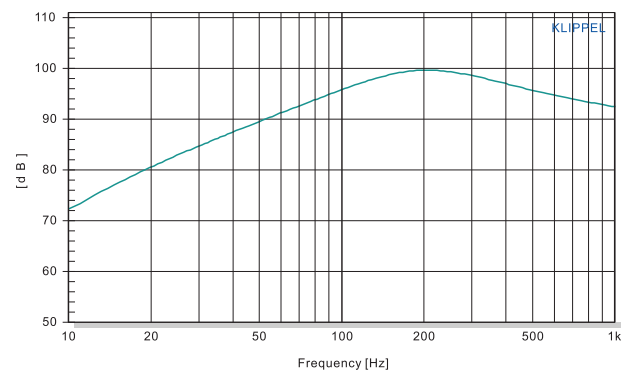
Specifications

Model		SCD15L1202
Nominal diameter	in.	15
Power handling capacity	W(AES)	1200
Max power	Watts	2400
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	42-200
Voice coil diameter	mm/in	125/5
Fs	Hz	45
Re	Ω	4.5
Qms		6.28
Qes		0.26
Qts		0.25
Vas	L	58
Mms	gr	220
Cms	mm/N	0.06
BL	Tm	32.4
Le	mH	0.9
Xmax	mm	11
nO	%	2.1
Sd	cm ²	855
Overall diameter	mm	393
Bolt circle diamete	mm	404
Baffle cut-out diameter	mm	360
Overall depth	mm	180
Net weight	Kg	13

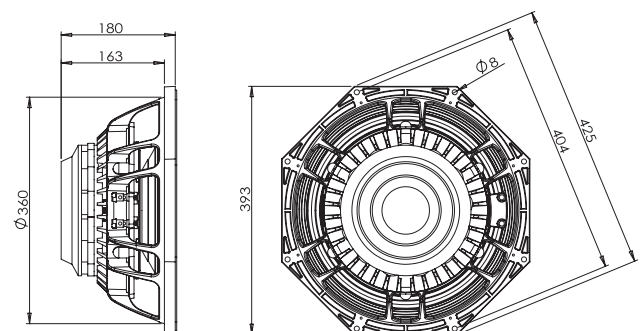
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





NEODYMIUM

SUBWOOFER

SCD15G902

- 1800 Watt Max Power •
- 99.5mm(4inch) voice coil •
- 40Hz to 200Hz frequency response •
- 96dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

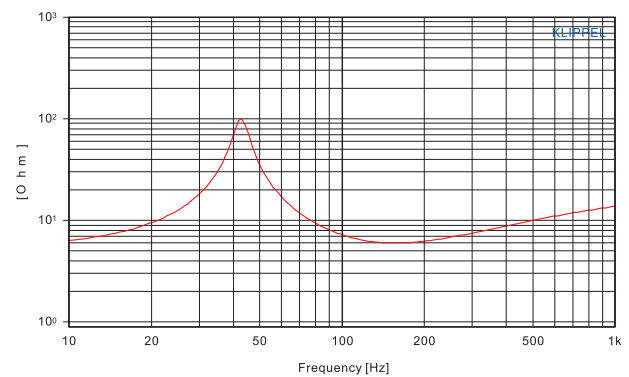
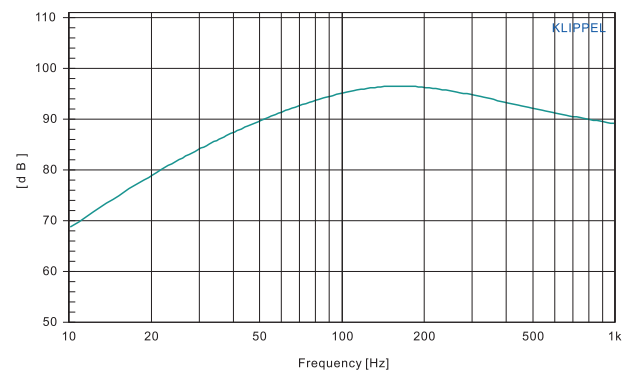
Specifications

Model		SCD15G902
Nominal diameter	in.	15
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	96
Frequency range	Hz	40-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	42
Re	Ω	5.5
Qms		10.5
Qes		0.39
Qts		0.38
Vas	L	73
Mms	gr	200
Cms	mm/N	0.07
BL	Tm	27.3
Le	mH	0.9
Xmax	mm	11
nO	%	
Sd	cm ²	855
Overall diameter	mm	393
Bolt circle diamete	mm	404
Baffle cut-out diameter	mm	360
Overall depth	mm	180
Net weight	Kg	10.2

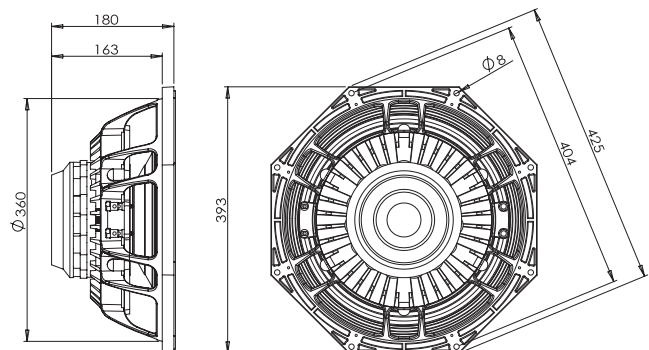
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB15G902

- 1800 Watt Max Power
- 99.5mm(4inch) voice coil
- 40Hz to 200Hz frequency response
- 95dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone



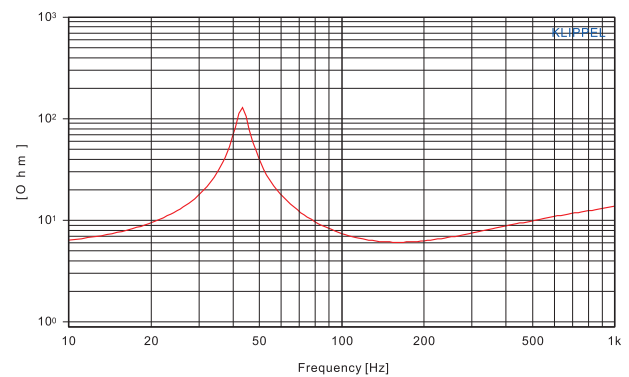
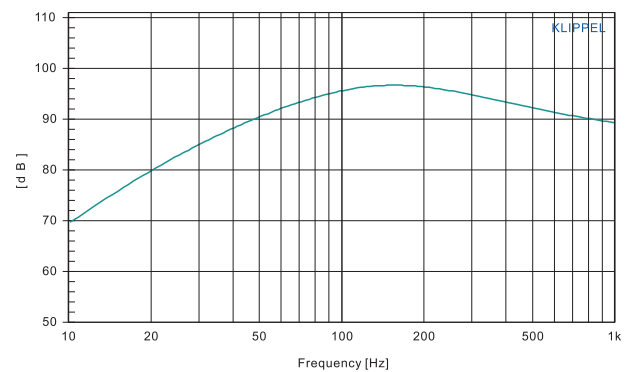
Specifications

Model		SCB15G902
Nominal diameter	in.	15
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	95
Frequency range	Hz	40-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	42
Re	Ω	5.5
Qms		10.5
Qes		0.42
Qts		0.40
Vas	L	73
Mms	gr	200
Cms	mm/N	0.07
BL	Tm	26.5
Le	mH	0.9
Xmax	mm	11
nO	%	1.3
Sd	cm ²	855
Overall diameter	mm	393
Bolt circle diamete	mm	404
Baffle cut-out diameter	mm	360
Overall depth	mm	182
Net weight	Kg	14.5

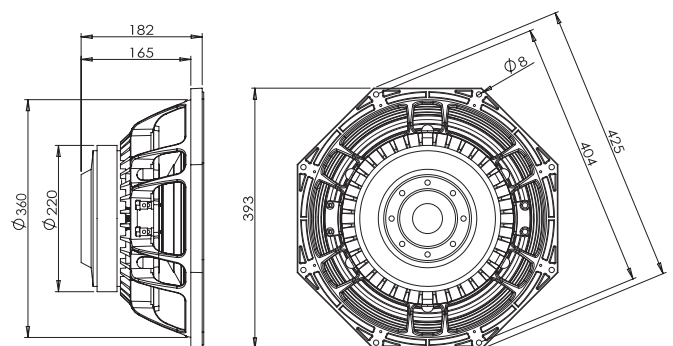
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





FERRITE

SUBWOOFER

SCB15G902XL

- 1800 Watt Max Power •
- 99.5mm(4inch) voice coil •
- 34Hz to 200Hz frequency response •
- 94dB 1W@1m sensitivity •
- Ferrite magnet structure •
- Carbon Cone •
- Rubber roll surround •

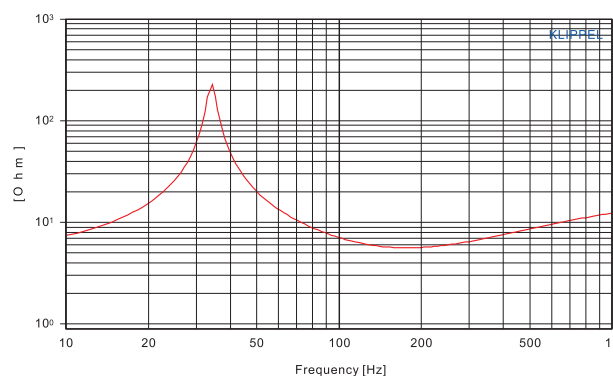
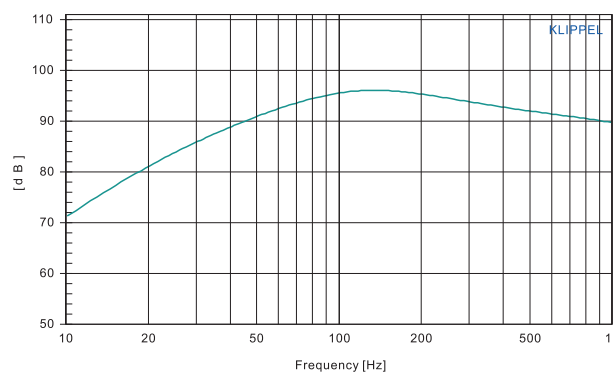
Specifications

Model		SCB15G902XL
Nominal diameter	in.	15
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	94
Frequency range	Hz	30-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	34
Re	Ω	5.5
Qms		11.2
Qes		0.35
Qts		0.34
Vas	L	107
Mms	gr	210
Cms	mm/N	0.10
BL	Tm	26.5
Le	mH	0.9
Xmax	mm	11
nO	%	1.2
Sd	cm ²	855
Overall diameter	mm	393
Bolt circle diamete	mm	404
Baffle cut-out diameter	mm	360
Overall depth	mm	182
Net weight	Kg	14.7

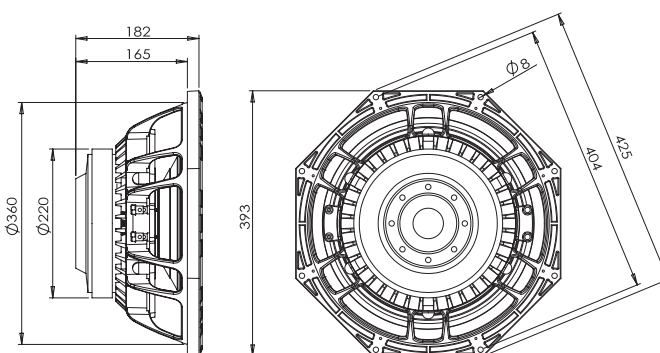
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

NEODYMIUM
SUBWOOFER

SCD12N500XL

- 1000 Watt Max Power
- 88.7mm(3.5inch) voice coil
- 35Hz to 200Hz frequency response
- 92.5 dB 1W@1m sensitivity
- Neodymium magnet structure
- Carbon Cone
- Rubber roll surround



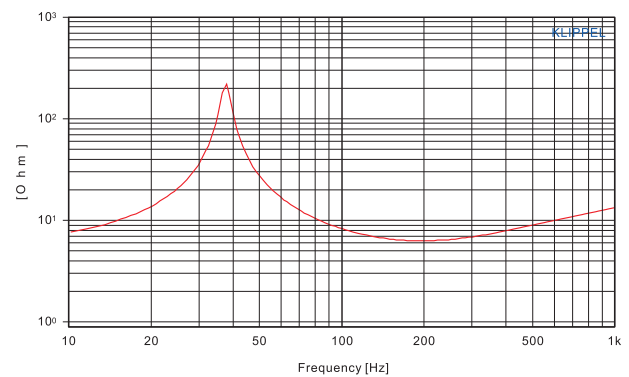
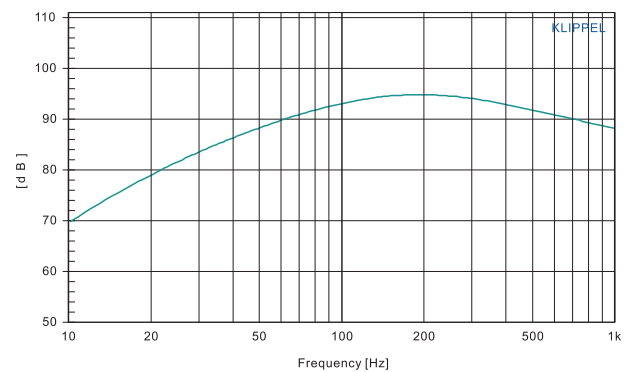
Specifications

Model		SCD12N500XL
Nominal diameter	in.	12
Power handling capacity	W(AES)	500
Max power	Watts	1000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	92.5
Frequency range	Hz	35-400
Voice coil diameter	mm/in	88.7/3.5
Fs	Hz	37
Re	Ω	5.5
Qms		14.1
Qes		0.34
Qts		0.33
Vas	L	49
Mms	gr	148
Cms	mm/N	0.13
BL	Tm	23.5
Le	mH	0.82
Xmax	mm	8
nO	%	0.7
Sd	cm ²	530
Overall diameter	mm	316
Bolt circle diamete	mm	326
Baffle cut-out diameter	mm	282
Overall depth	mm	154
Net weight	Kg	7

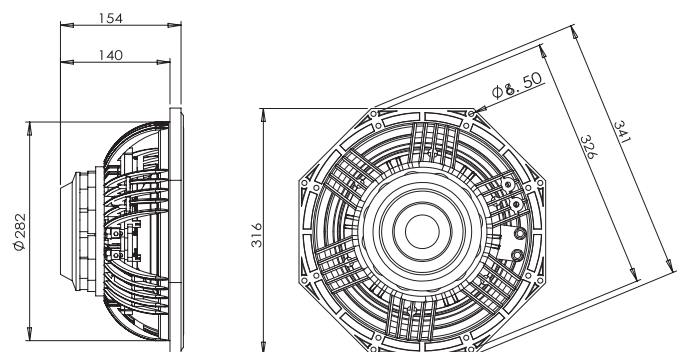
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings





FERRITE

SUBWOOFER

SCB12N500XL

- 1000 Watt Max Power
- 88.7mm(3.5inch) voice coil
- 35Hz to 200Hz frequency response
- 91dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone
- Rubber roll surround

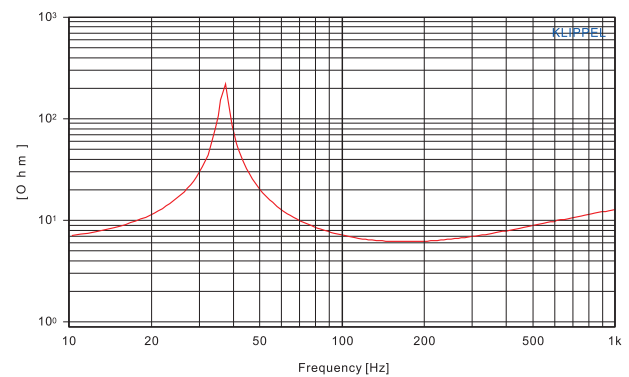
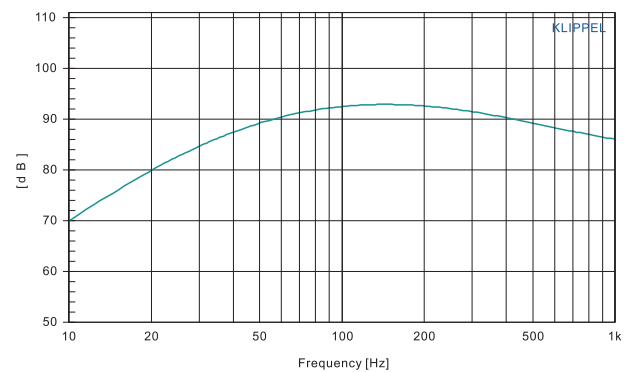
Specifications

Model		SCB12N500XL
Nominal diameter	in.	12
Power handling capacity	W(AES)	500
Max power	Watts	1000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	91
Frequency range	Hz	35-400
Voice coil diameter	mm/in	88.7/3.5
Fs	Hz	37
Re	Ω	5.5
Qms		14.6
Qes		0.46
Qts		0.45
Vas	L	49
Mms	gr	148
Cms	mm/N	0.13
BL	Tm	20.1
Le	mH	0.84
Xmax	mm	8
nO	%	0.5
Sd	cm ²	530
Overall diameter	mm	316
Bolt circle diamete	mm	326
Baffle cut-out diameter	mm	282
Overall depth	mm	156
Net weight	Kg	9

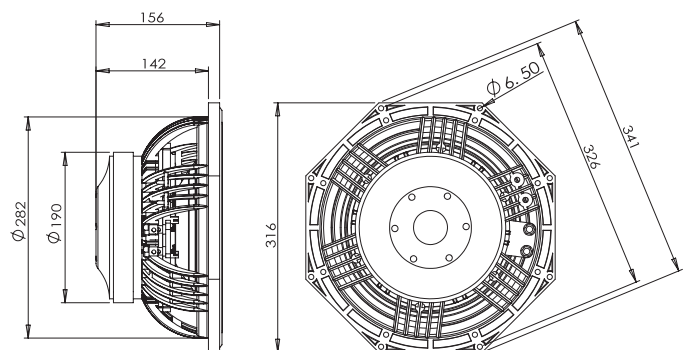
- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings



The Manufacturer of Professional Speaker

FERRITE

SUBWOOFER

SCB10F400XL

- 800 Watt Max Power
- 75.5mm(3inch) voice coil
- 40Hz to 200Hz frequency response
- 90 dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone
- Rubber roll surround



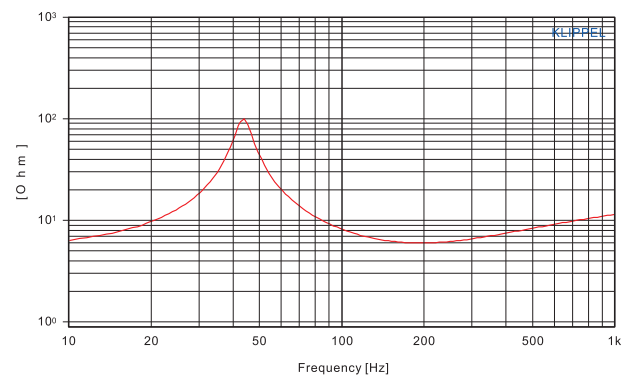
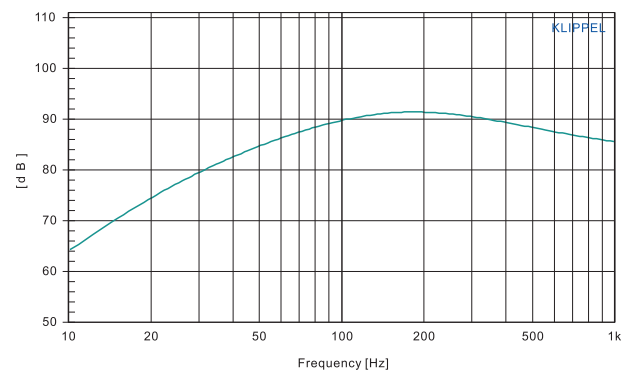
Specifications

Model		SCB10F400XL
Nominal diameter	in.	10
Power handling capacity	W(AES)	400
Max power	Watts	800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	90
Frequency range	Hz	40-600
Voice coil diameter	mm/in	75.5/3
Fs	Hz	42
Re	Ω	5.3
Qms		7.47
Qes		0.37
Qts		0.36
Vas	L	22
Mms	gr	100
Cms	mm/N	0.14
BL	Tm	19.3
Le	mH	0.75
Xmax	mm	8
nO	%	0.4
Sd	cm ²	330
Overall diameter	mm	262
Bolt circle diamete	mm	244
Baffle cut-out diameter	mm	230
Overall depth	mm	137
Net weight	Kg	21

- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.



Frequency Response and Impedance Magnitude Curve



Dimension Drawings

