

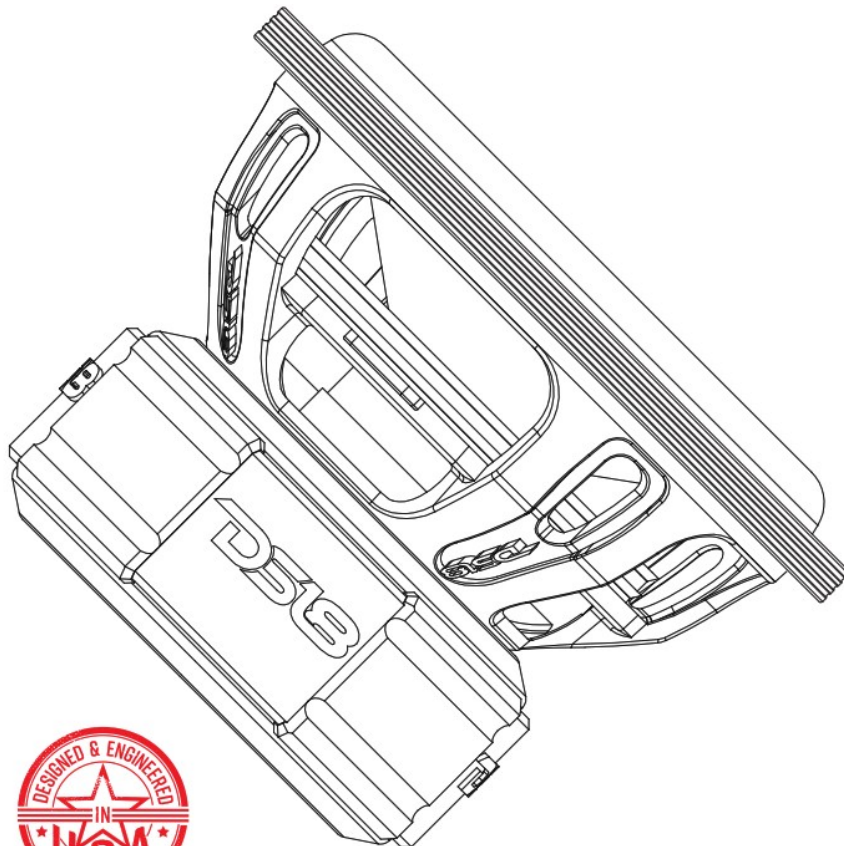


DSL8 EXL-XX12.4DHE High Excursion Subwoofer User Guide

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OWNER'S MANUAL
EXL-XX12.4DHE
12" HIGH EXCURSION SUBWOOFER
DUAL 4 OHMS
SUBWOOFER DE ALTA EXCURSION DE 12"
CON BOBINA DOBLE DE 4 OHM

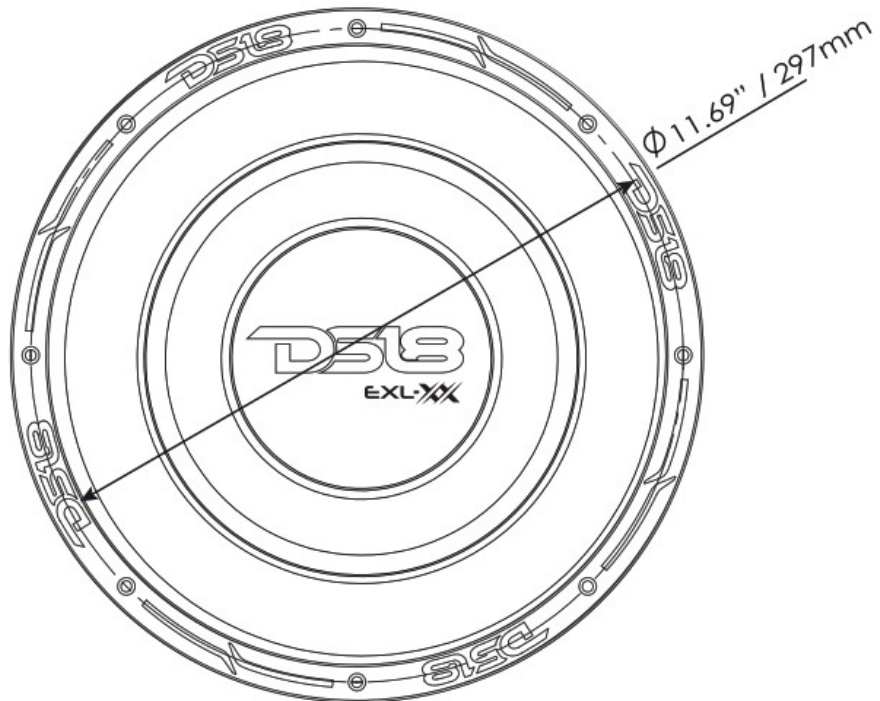


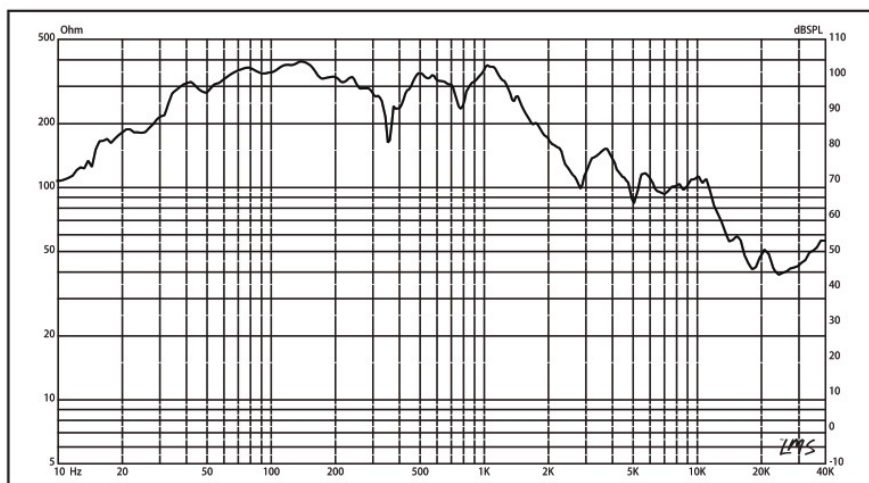
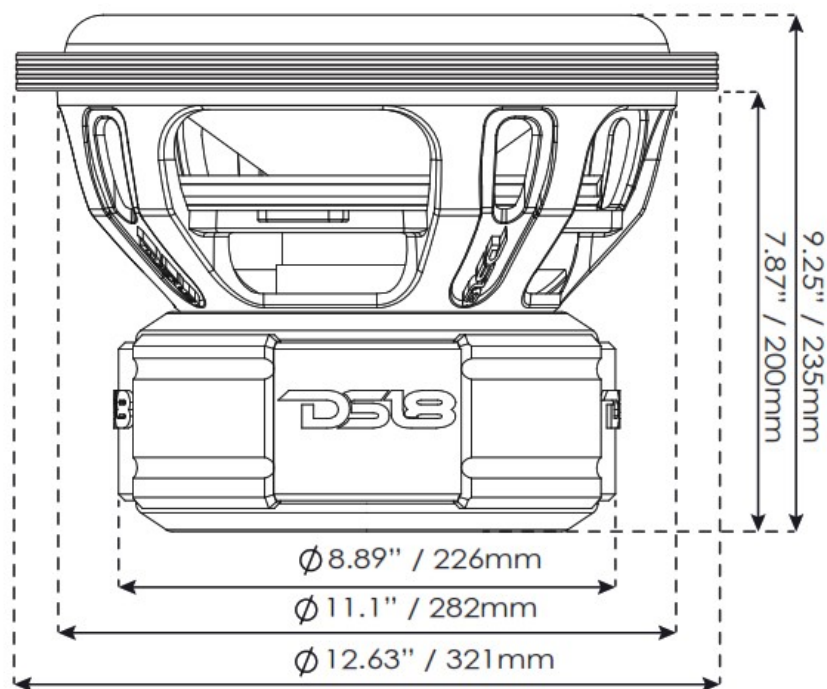
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EXL-XX12.4DHE High Excursion Subwoofer

EXL-XX12.4DHE





Specifications

Nominal Diameter	12"
Nominal Impedance	4+4 ohms
RMS Power Handling	2000W
MAX Power Handling	4000W
Sensitivity (1w/1m)	87 dB
Frequency Response	20-1.3KHz
Recommended	80 Hz

Motor:

VC Diameter	3" / 75.6mm
VC Former Material	Black Aluminum
Winding Material	CCAW
Cone Material	Paper
Dust Cap Material	Glass Fiber
Surround Material	Foam
Basket Material	Aluminum
Basket Color/Finish / Color	Black
Magnet Material	Ferrite
Magnet Weight	306 Oz

Displacement Volume 3.26L

Thiele & Small Parameters

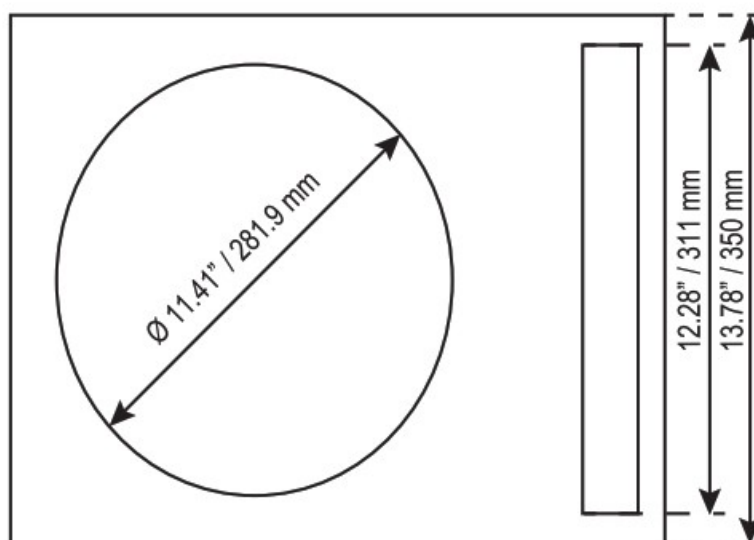
Equilvant Vol	Vas	20.738L
Free Air Resonance	Fs	41.3 Hz
Mechanical Factor	Qms	4.525
Electrical Factor	Qes	0.511
Total Factor	Qts	0.459
Moving Mass	Mms	285.433 g
Compliance	Cms	0.026 mm/N
BI Factor	BL	17.166
VC Inductance	Le	9.8 mH
Diaphragm Area	Sd	433.74 cm x
Dc Resistance	Re	3.6 + 3.6 ohms
Efficiency Bandwidth Product	EBP	80.8

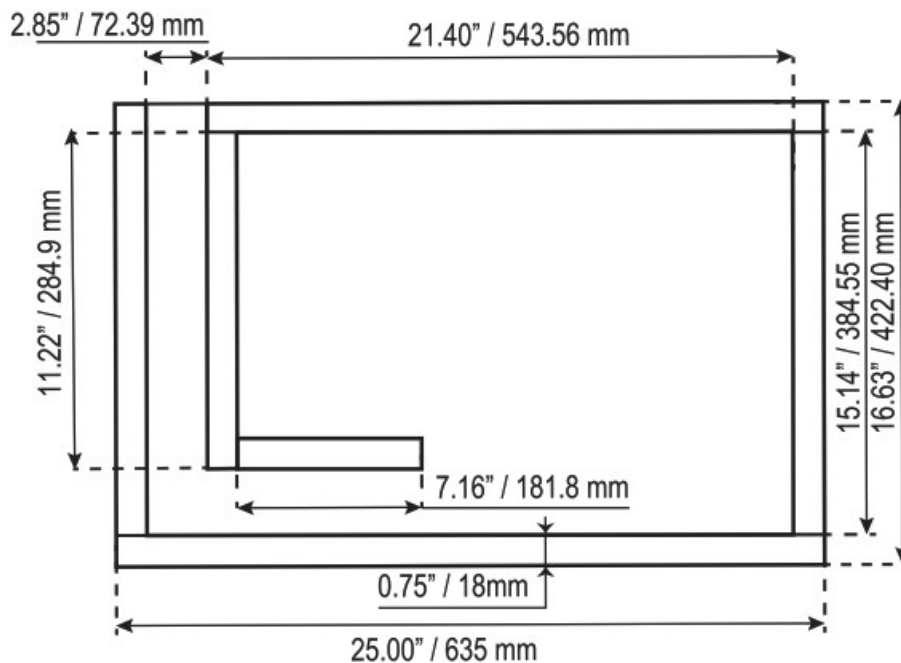
Measurements

Overall Diameter	12.63" / 321mm
Overall Depth	9.25" / 235mm
Front Mount Baffle Cutout	11.1" / 282mm
Mouting Depth	7.87" / 200mm
Motor Diameter	8.89" / 226mm

Recommended Box Dimension

Single Subwoofer Ported Box





Parameters

Box External Dimensions (WxHxD): 25.00"x 13.78"x16.63"

Material Thickness : 0.75" (3/4) / 18mm

Net Internal Volume : 1.90 ft³

Tuning Frequency : 40 Hz

Port Area : 35.00 inch²

Port Inlet : 2.85"x 12.28"

Port Length : 23.79"

Wood Cuts Qty

Top-Bottom (WxH):

25.00"x16.63" 2

Front : 21.40"x12.28" 1

Rear : 25.00"x12.28" 1

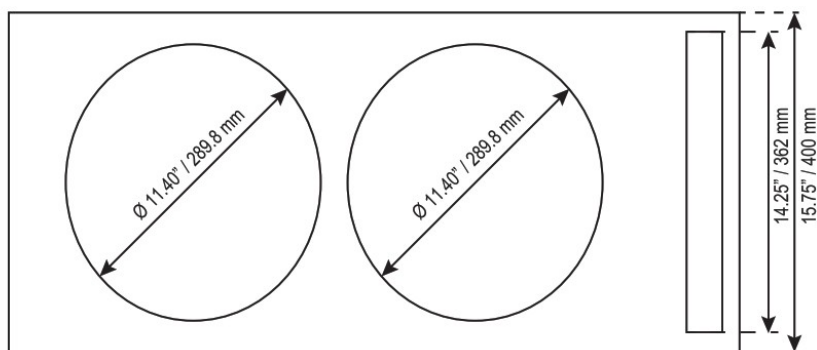
Left : 15.14"x12.28" 1

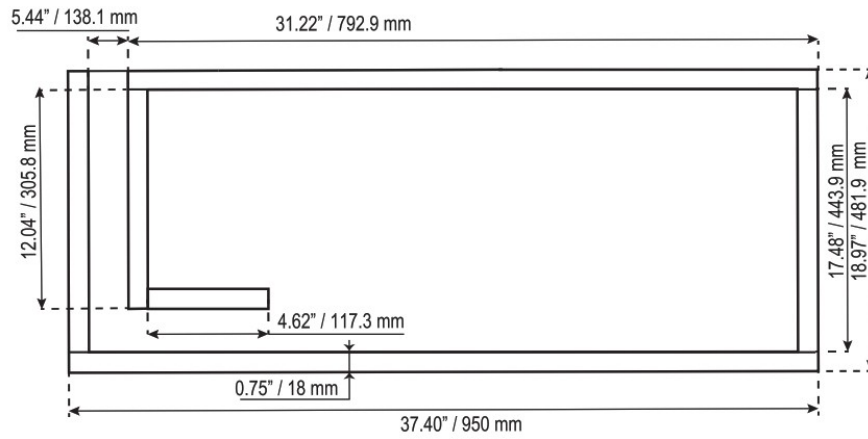
Right : 15.09"x12.28" 1

Port : 12.29"x12.28" 1

Port : 7.16"x12.28" 1

Double Subwoofer Ported Box





Parameters

Box External Dimensions

(WxHxD): 37.40"x 15.75"x18.97"

Material Thickness : 0.75" (3/4) / 18mm

Net Internal Volume : 3.80 ft³

Tuning Frequency : 40 Hz

Port Area : 77.50 inch²

Port Inlet : 5.44x14.25"

Port Length : 23.59"

Wood Cuts Qty

Top-Bottom (WxH): 37.40"x18.97" 2

Front : 31.22"x14.25" 1

Rear : 37.40"x14.25" 1

Left : 17.48"x14.25" 1

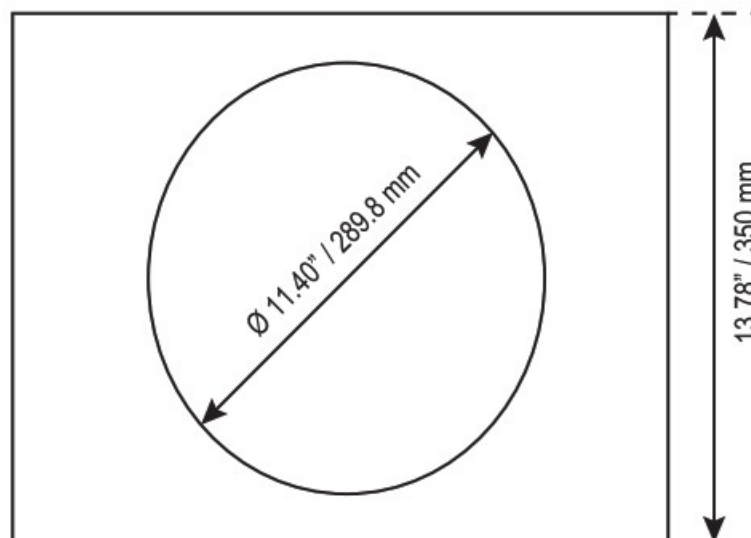
Right : 18.22"x14.25" 1

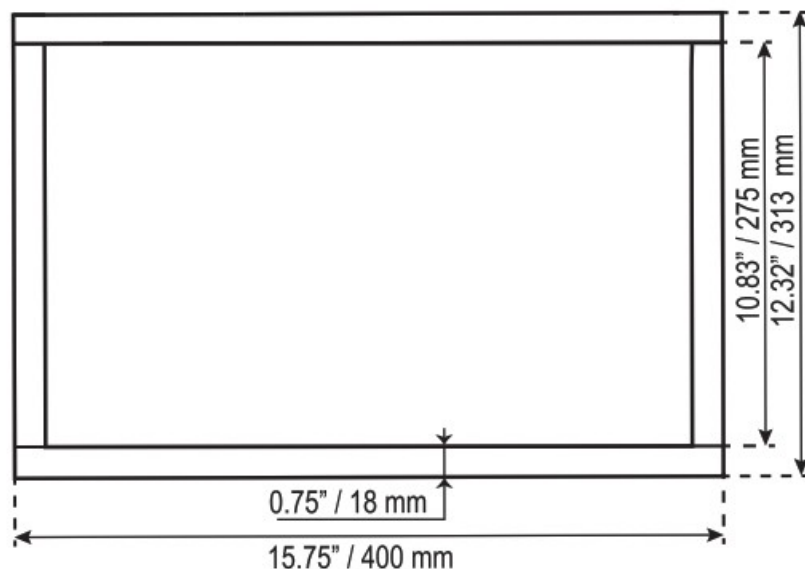
Port : 12.04"x14.25" 1

Port : 4.62"x14.25" 1

Recommended Box Dimension

Single Subwoofer Sealed Box





Parameters	Wood Cuts
Box External Dimensions (WxHxD): 15.75"x 13.78"x12.32"	Top-Bottom Qty
Material Thickness : 0.75" / 18 mm	(WxH): 15.75"x12.32" 2
Net Internal Volume : 0.98 ft ³	Front-Rear (WxH): 15.75"x12.28" 2
	Left-Right (WxH): 10.83"x12.28" 2



FOR MORE INFORMATION

PLEASE VISIT

DS18.COM

We LIKE IT LOUD



Documents / Resources

	DSL8 EXL-XX12.4DHE High Excursion Subwoofer [pdf] User Guide XX12.4DHE, EXL-XX12.4DHE High Excursion Subwoofer, EXL-XX12.4DHE, High Excursion Subwoofer, Excursion Subwoofer, Subwoofer
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References

- [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)
- [User Manual](#)

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