

OWNER'S MANUAL

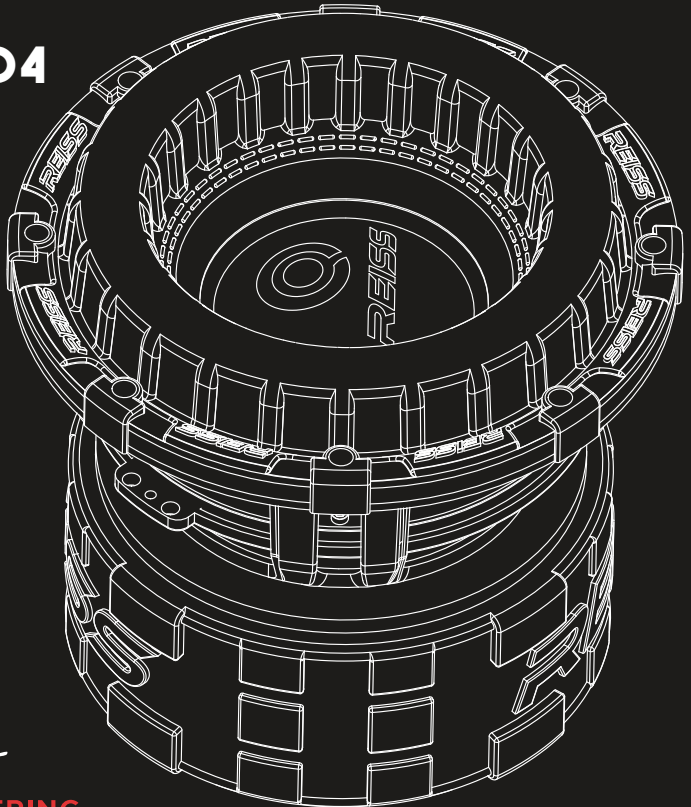
8" HIGH POWER SUBWOOFER

RS-VOLT8.D2

2Ω+2Ω

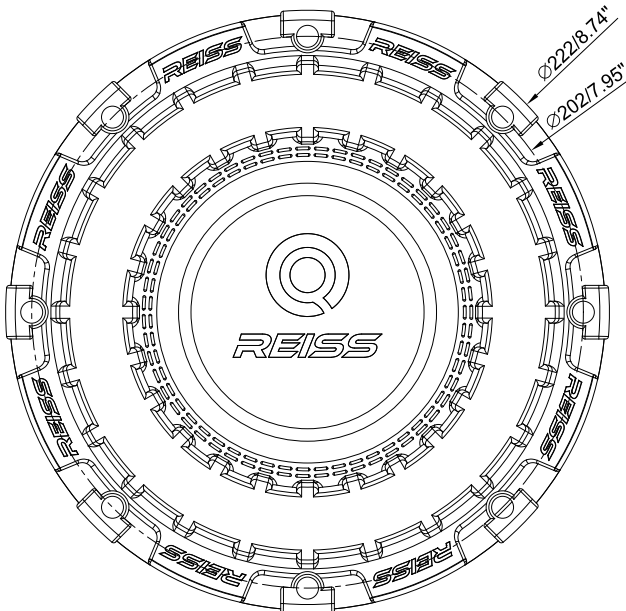
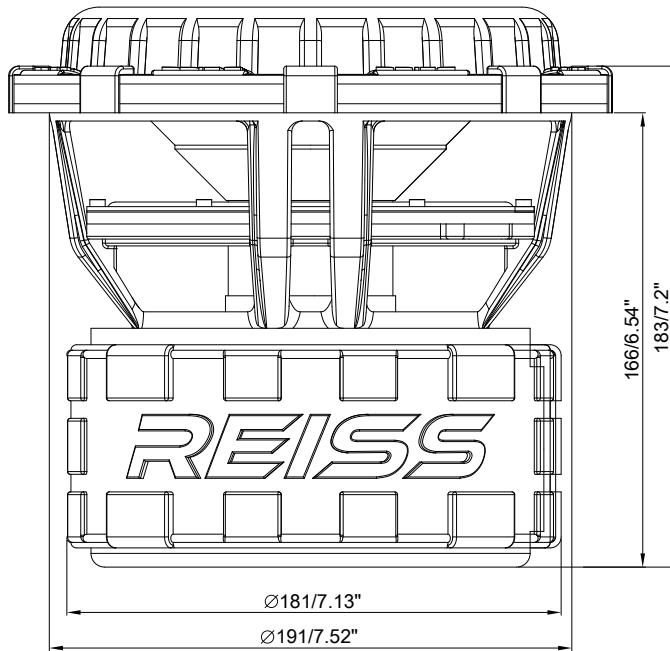
RS-VOLT8.D4

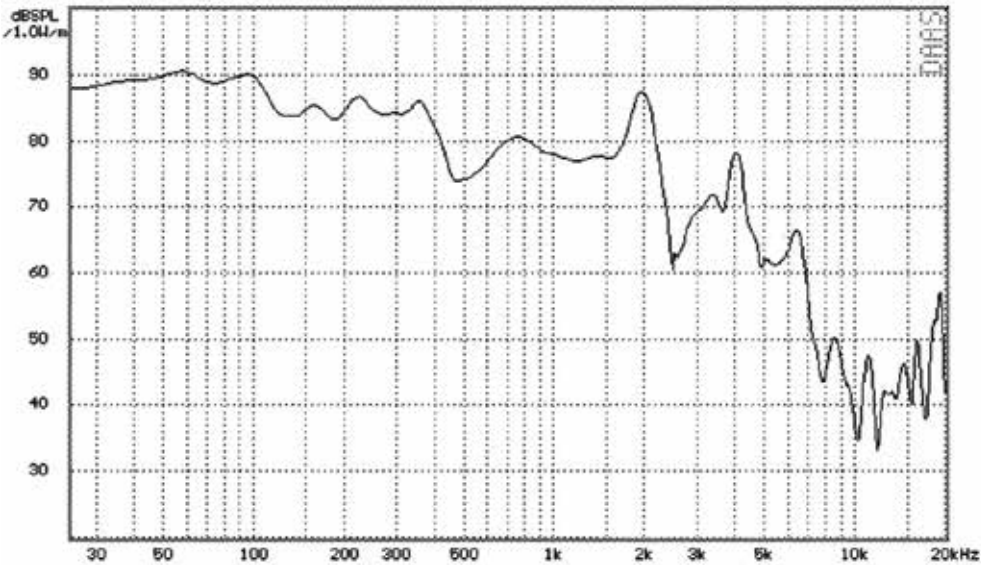
4Ω+4Ω



Since 1985

TURKISH ENGINEERING





SPECIFICATIONS

Nominal Diameter	222mm / 8"
Nominal Impedance	2+2 OHMS
RMS Power Handling	1000 Watts
MAX Power Handling	2000 Watts
Sensitivity(1w/1m)	88 dB
Frequency Response	50Hz - 500Hz
Recommended Lo Pass Crossover	100Hz

MOTOR

Voice Coil Diameter	61.1mm / 2.41"
Voice Coil Former Material	Black Aluminium
Winding Material	CCAW
Cone Material	Reinforced Fiber Composite Non-Pressed Paper
Dustcap Material	Carbon
Surround Material	Foam
Basket Material	Aluminium
Basket Color	Black Diamond Cut
Magnet Material	Ferrite
Magnet Weight	195oz
Displacement Volume	1.1L/0.039ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	2.943L / 0.104ft3
Free Air Resonance	Fs	55.155Hz
Mechanical Factor	Qms.....	3.621
Electrical Factor	Qes.....	0.506
Total Factor	Qts.....	0.444
Moving Mass	Mms.....	146.784g
Compliance	Cms.....	0.056728 mm/N
BL Factor	BL.....	10.514 Tm
Voice Coil Inductance	Le.....	0.97 mH
Diaphragm Area	Sd.....	191.13 CM2
DC Resistance	Re.....	1.8+1.8 OHM
Efficiency Bandwidth Product	EBP.....	109

MEASUREMENT

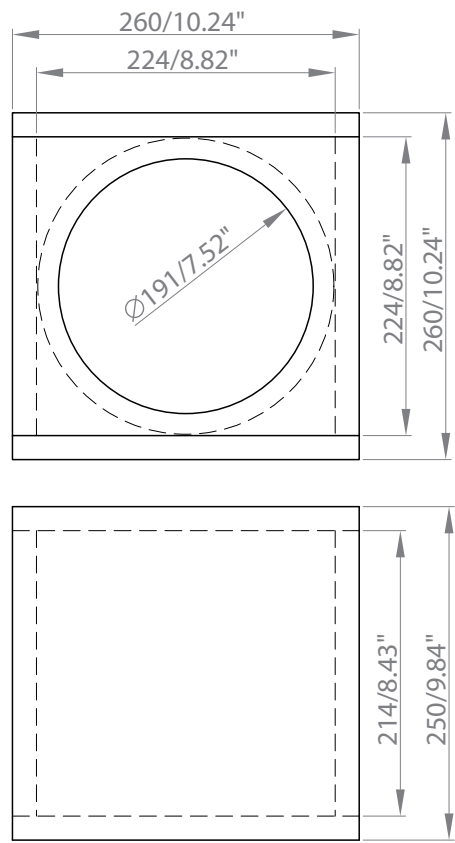
Overall Diameter	222mm / 8.74"
Overall Depth	183mm / 7.2"
Front Mount Baffle Cutout	191mm / 7.52"
Mounting Depth	166mm / 6.54"
Motor Diameter	181mm / 7.13"

RECOMMENDED ENCLOSURES

Sealed Internal Volume	15.97L / 0.56ft3
Sealed Box Output Response	95.08Hz
Ported Internal Volume	20.95L / 0.74ft3
Port Size *Square (WxHxL)	20mm x 224mm x 200mm
	0.79" x 8.82" x 7.87"
Port Tuning Frequency	52.62Hz
Ported Box Output Response	44.02Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 260mm x 260mm x 250mm
/ 10.24"x 10.24"x 9.84"

Material Thickness: 18mm / 0.71"

Net Internal Volume: 15.97L / 0.56ft3

WOOD CUTS

Top - Bottom
(WxH): 260mm x 250mm / 10.24" x 9.84"

Front - Rear
(WxH): 260mm x 224mm / 10.24" x 8.82"

Left - Right
(WxH) : 214mm x 224mm / 8.43" x 8.82"

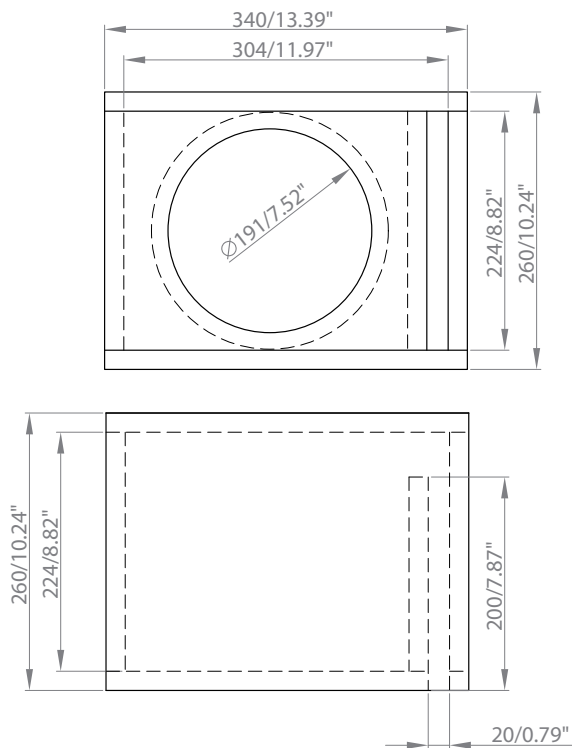
QTY

2

2

2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 340 x 260 x 260 mm /
13.39" x 10.24" x 10.24"

Material Thickness: 18mm / 0.71"

Net Internal Volume: 20.95L / 0.74ft3

Tuning Frequency: 52.62 Hz

Port Area: 44.8cm2 / 6.94 inch2

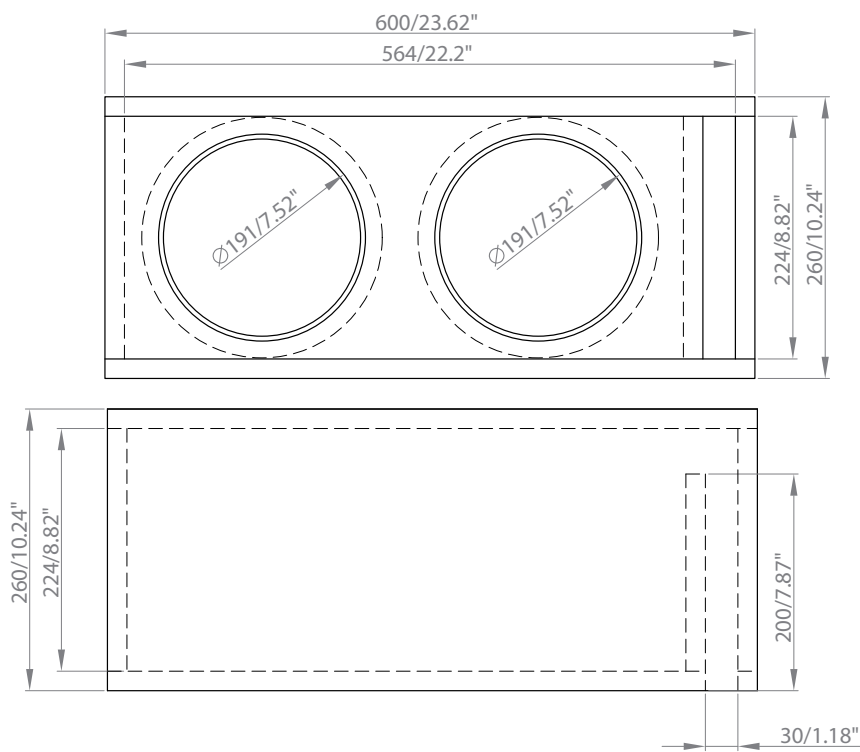
Port Intel: 20 x 224 mm / 0.79" x 8.82"

Port Length: 200 mm / 7.87"

WOOD CUTS

Top - Bottom	340 x 260 mm / 13.39" x 10.24"	2
Front: 340 x 224 mm / 13.39" x 8.82"		1
Rear: 340 x 224 mm / 13.39" x 8.82"		1
Left: 224 x 224mm / 8.82" x 8.82"		1
Right: 224 x 224mm / 8.82" x 8.82"		1
Port: 200 x 224mm / 7.87" x 8.82"		1

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 600 x 260 x 260mm / 23.62" x 10.24" x 10.24"	Top - Bottom 600 x 260 mm / 23.62" x 10.24"	2
Material Thickness: 18mm / 0.71"	Front: 600 x 224 mm / 23.62" x 8.82"	1
Net Internal Volume: 37.18L / 1.31 ft3	Rear: 600 x 224 mm / 23.62" x 8.82"	1
Tuning Frequency: 46.97 Hz	Left: 224 x 224mm / 8.82" x 8.82"	1
Port Area: 67.2 CM2 / 10.42 inch2	Right: 224 x 224mm / 8.82" x 8.82"	1
Port Intel: 20 x 224 mm / 0.79" x 8.82"	Port: 200 x 224 mm / 7.87" x 8.82"	1
Port Length: 200mm / 7.87 inch2		

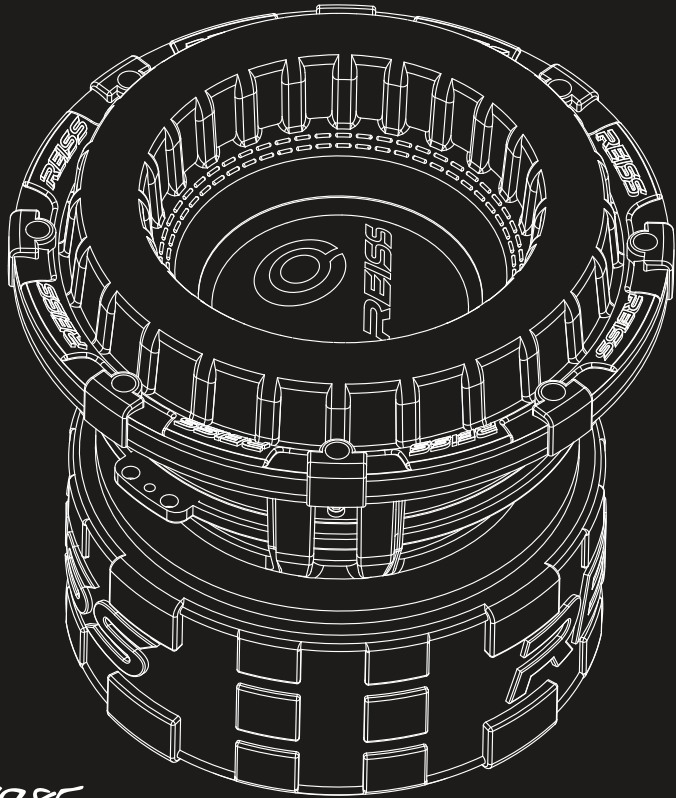


OWNER'S MANUAL

8" HIGH POWER SUBWOOFER

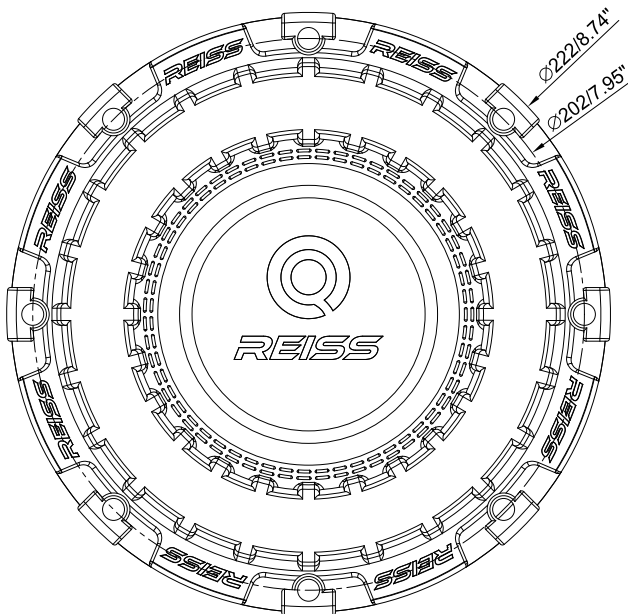
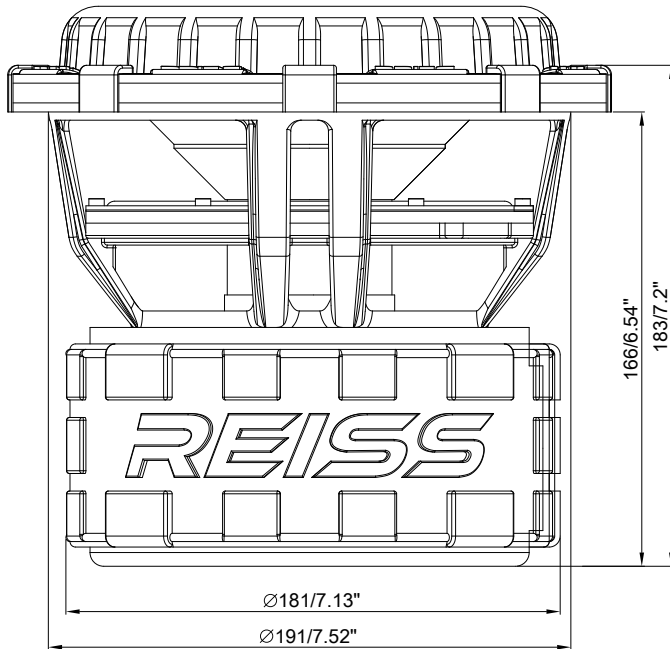
RS-VOLT8.D4

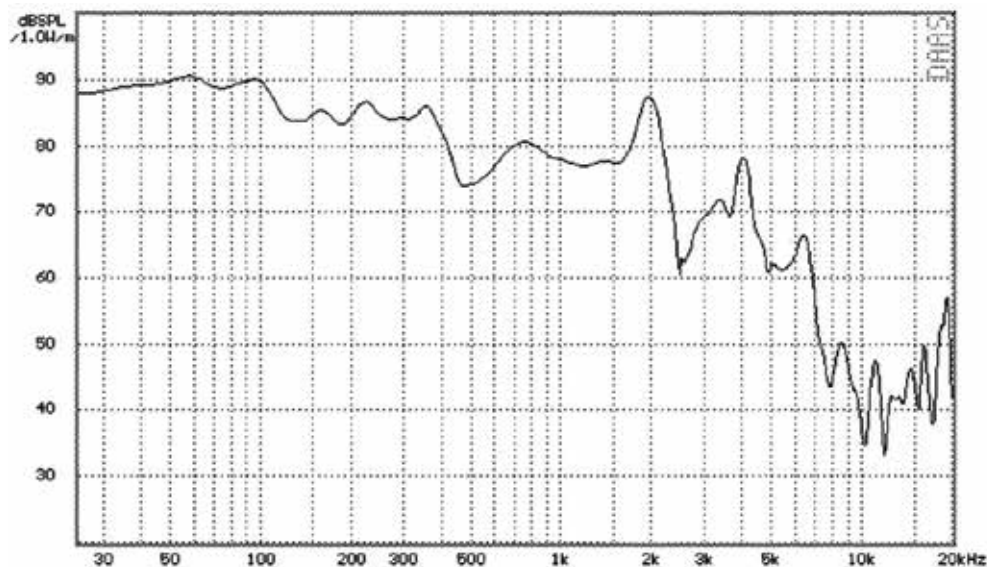
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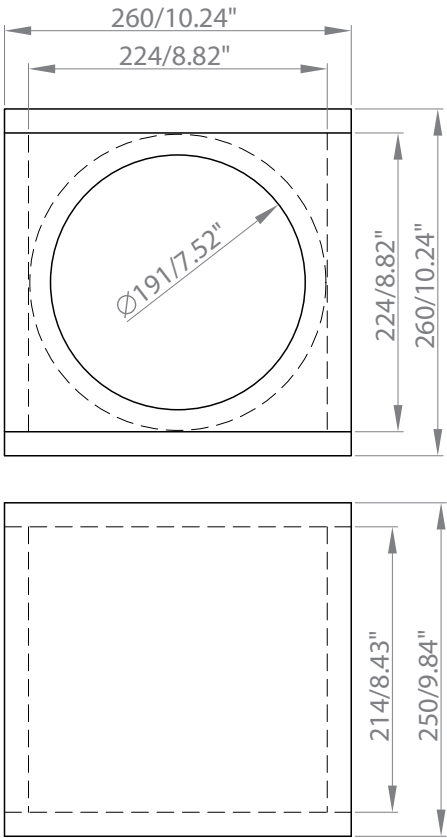
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Ported Box Output Response	44.02Hz

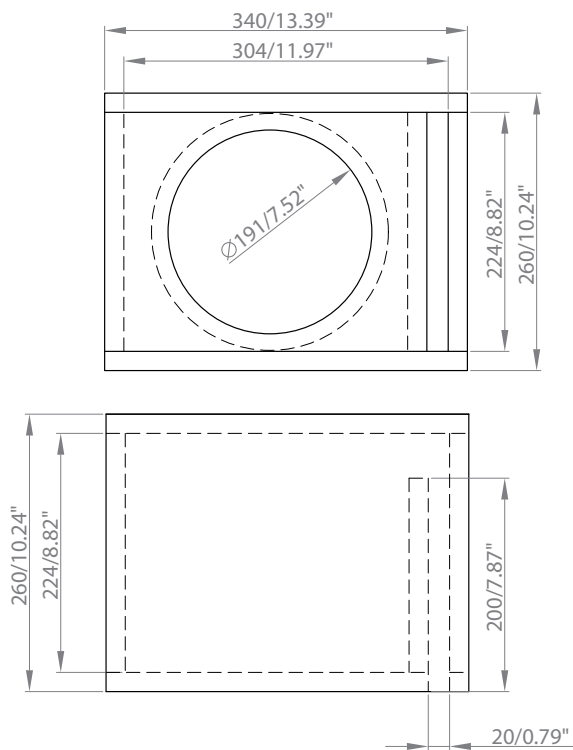
RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 260mm x 260mm x 250mm / 10.24"x 10.24"x 9.84"	Top - Bottom (WxH): 260mm x 250mm / 10.24" x 9.84"	2
Material Thickness: 18mm / 0.71"	Front - Rear (WxH): 260mm x 224mm / 10.24" x 8.82"	2
Net Internal Volume: 15.97L / 0.56ft3	Left - Right (WxH) : 214mm x 224mm / 8.43" x 8.82"	2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 340 x 260 x 260 mm /
13.39" x 10.24" x 10.24"

Material Thickness: 18mm / 0.71"

Net Internal Volume: 20.95L / 0.74ft3

Tuning Frequency: 52.62 Hz

Port Area: 44.8cm2 / 6.94 inch2

Port Intel: 20 x 224 mm / 0.79" x 8.82"

Port Length: 200 mm / 7.87"

WOOD CUTS

Top - Bottom

340 x 260 mm / 13.39" x 10.24"

Front: 340 x 224 mm / 13.39" x 8.82"

Rear: 340 x 224 mm / 13.39" x 8.82"

Left: 224 x 224mm / 8.82" x 8.82"

Right: 224 x 224mm / 8.82" x 8.82"

Port: 200 x 224mm / 7.87" x 8.82"

QTY

2

1

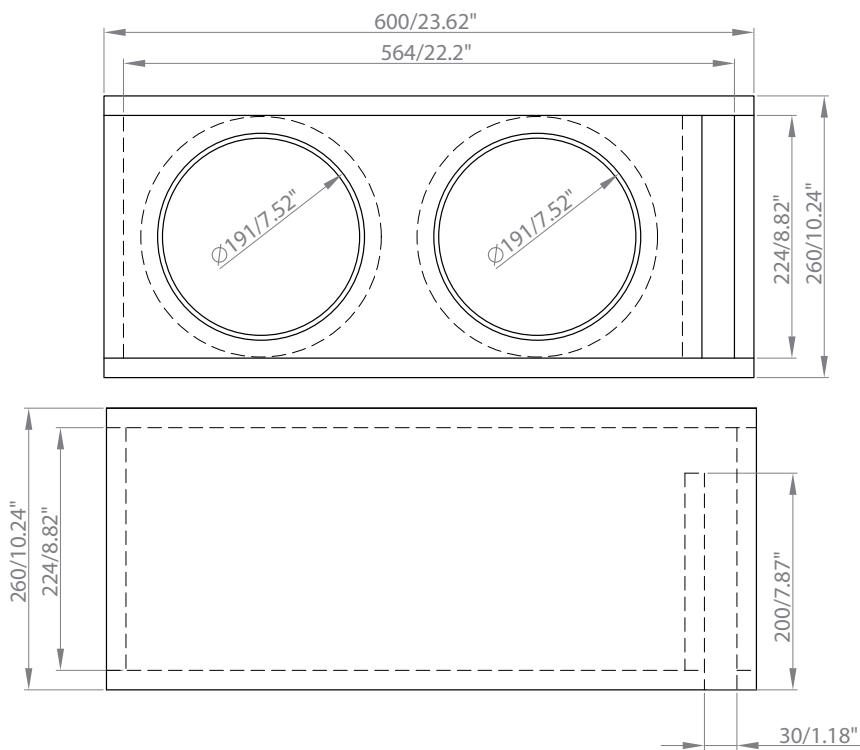
1

1

1

1

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 600 x 260 x 260mm / 23.62" x 10.24" x 10.24"	Top - Bottom 600 x 260 mm / 23.62" x 10.24"	2
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Port Length: 200mm / 7.87 inch2		



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