

REISS AUDIO

OWNER'S MANUAL

RS-TX12 D2

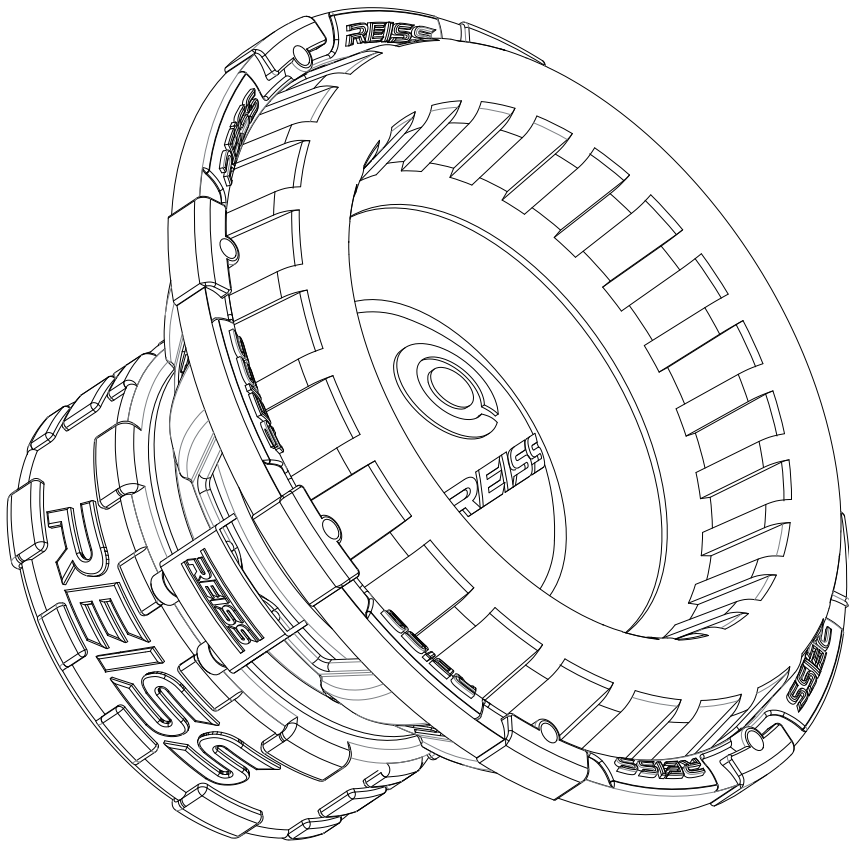
12" HIGH POWER SUBWOOFER

2+2 Ω

RS-TX12 D4

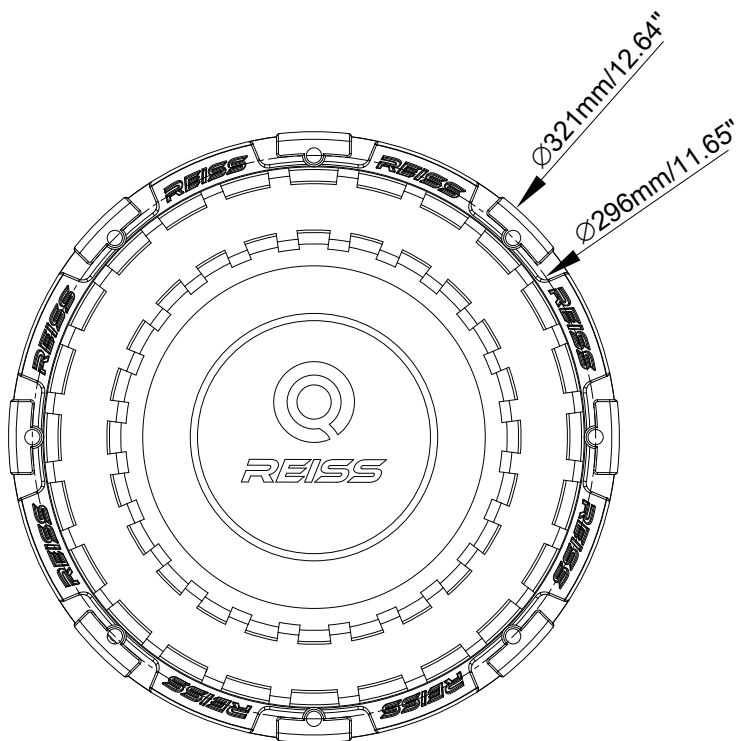
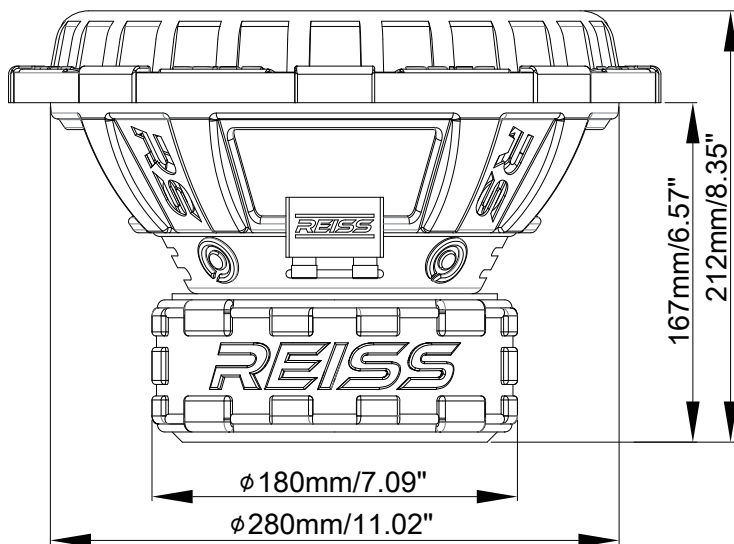
12" HIGH POWER SUBWOOFER

4+4 Ω



Turkish Engineering Since 1985

RS-TX12 D2





SPECIFICATIONS

Nominal Diameter	12" / 321mm
Nominal Impedance	2+2 OHMS
RMS Power Handling	1200 Watts
MAX Power Handling	2400 Watts
Sensitivity(1w/1m)	85 dB
Frequency Response	35Hz - 1000Hz
Recommended Lo Pass Crossover.....	150Hz

MOTOR

Voice Coil Diameter	76.5mm / 3"
Voice Coil Former Material	Black Aluminium
Winding Material	Copper
Cone Material	Non-Pressed Paper
Dustcap Material	PP
Surround Material	Foam
Basket Material	Alumimium
Basket Color	Black
Magnet Material	Ferrite
Magnet Weight	211oz
Displacement Volume	2.61L/0.12ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	14.74L / 0.52 ft3
Free Air Resonance	Fs	36.105Hz
Mechanical Factor	Qms	5.694
Electrical Factor	Qes	0.665
Total Factor	Qts	0.596
Moving Mass	Mms	399.546g
Compliance	Cms	0.048 mm/N
BL Factor	BL	10.44Tm
Voice Coil Inductance	Le	1.152 mH
Diaphragm Area	Sd	462 CM2
DC Resistance	Re	1.6+1.6 OHM
Efficiency Bandwidth Product	EBP.....	54.29

MEASUREMENT

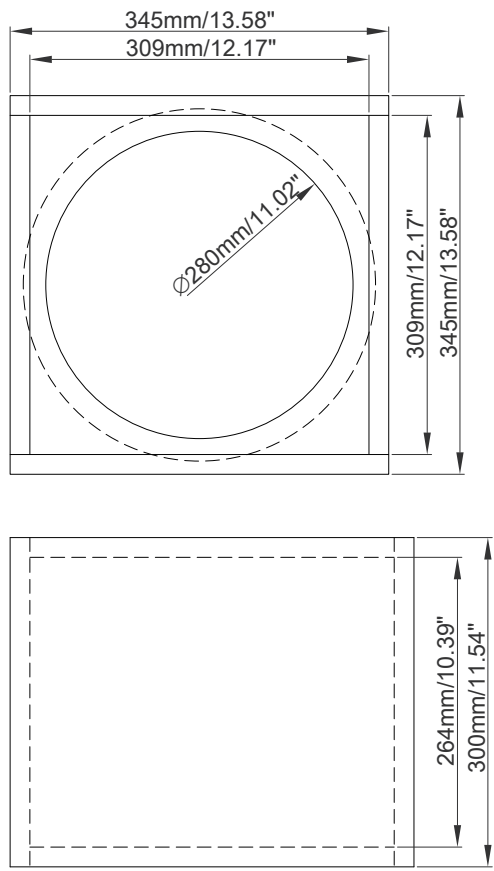
Overall Diameter	321mm / 12.64"
Overall Depth	212mm / 8.35"
Front Mount Baffle Cutout	280mm / 1 1.02"
Mounting Depth	167mm / 6.57"
Motor Diameter	180mm / 7.09"

RECOMMENDED ENCLOSURES

Sealed Internal Volume	23.13L / 0.82ft3
Sealed Box Output Response	52.03Hz
Ported Internal Volume	34.11L / 1.2ft3
Port Size *Square (WxHxL)	25mm x 309mm x 550mm
	0.98" x12.17" x 21.65"
Port Tuning Frequency	35Hz
Ported Box Output Response	28.26Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 345mm x 345mm x 300mm
/ 13.58"x 13.58"x 11.81"

Material Thickness: 18mm / 0.71"

Net Internal Volume: 22.13L / 0.78ft3

WOOD CUTS

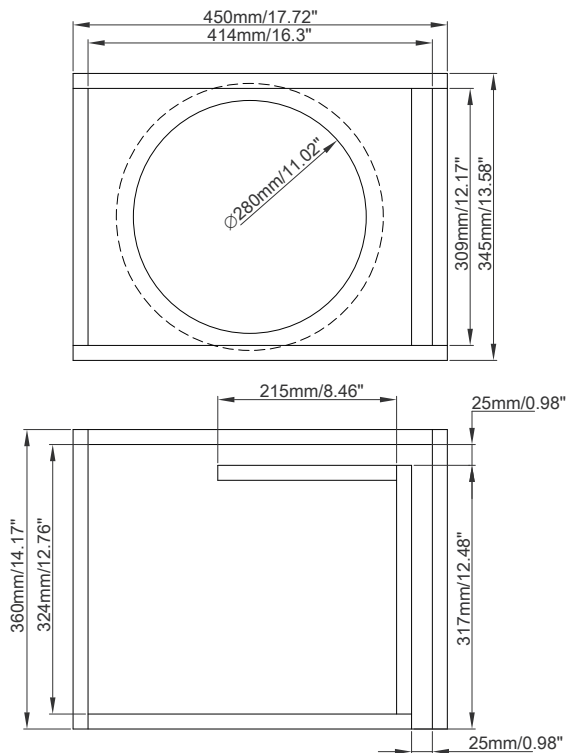
Top - Bottom
(WxH): 300mm x 345mm / 11.81" x 13.58" 2

Front - Rear
(WxH): 309mm x 309mm / 12.17" x 12.17" 2

Left - Right
(WxH): 309mm x 300mm / 12.17" x 11.81" 2

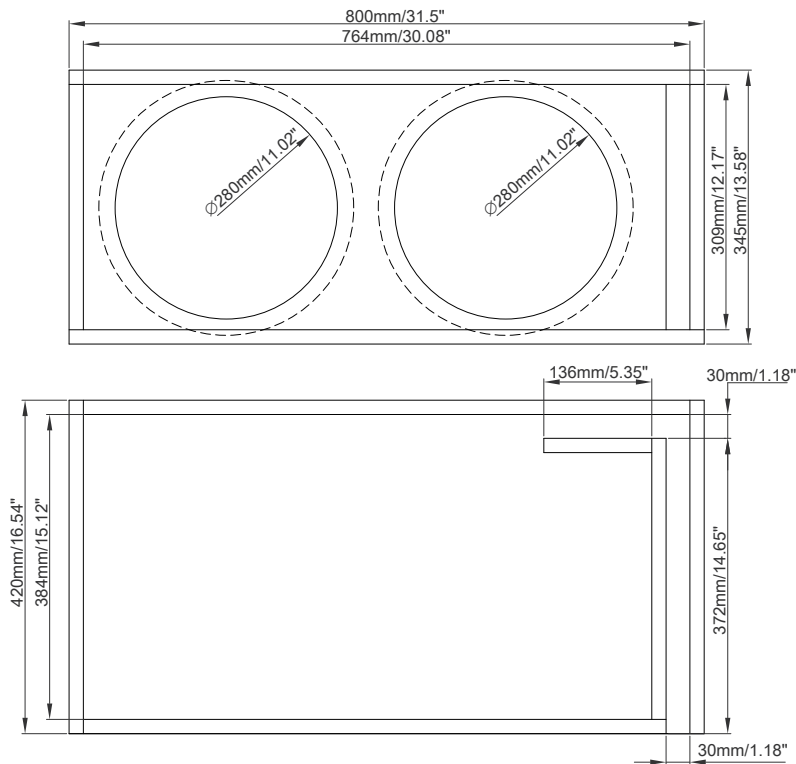
QTY

SINGLE SUBWOOFER PORTED BOX

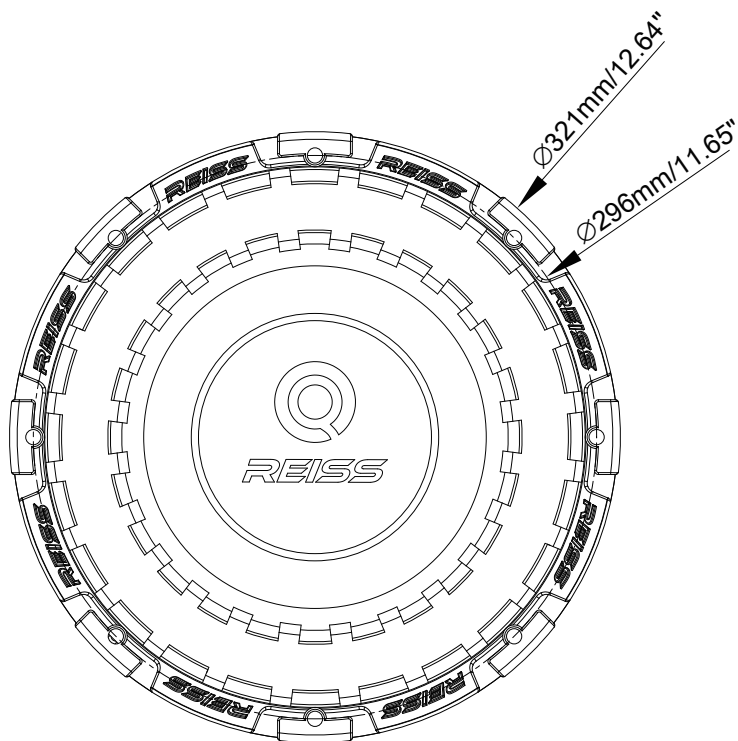
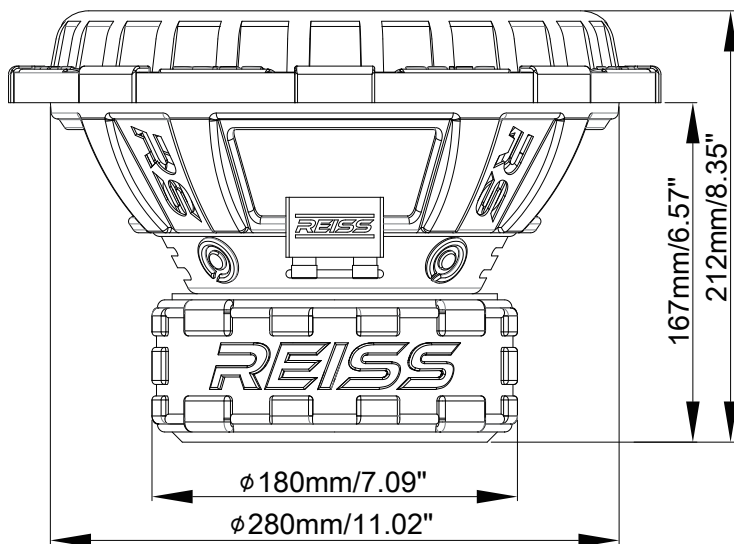


PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 450 x 360 mm / 17.72" x 13.58" x 14.17"	Top - Bottom 450 x 360 mm / 17.72" x 14.17"	2
	Front: 389 x 309 mm / 15.31" x 12.17"	1
Material Thickness: 18mm / 0.71"	Rear: 414 x 309 mm / 16.3" x 12.17"	1
Net Internal Volume: 34.11L / 1.2ft3	Left: 360 x 309mm / 14.17" x 12.17"	1
Tuning Frequency: 35 Hz	Right: 360 x 309mm / 14.17" x 12.17"	1
Port Area: 77.25cm2 / 11.97 inch2	Port: 299 x 309mm / 11.77" x 12.17"	1
Port Intel: 25 x 309 mm / 0.98" x 12.17"	Port: 215 x 309mm / 8.46" x 12.77"	1
Port Length: 550 mm / 21.65"		

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 800 x 345 x 420mm / 31.5" x 13.58" x 16.54"	Top - Bottom 800 x 420 mm / 31.5" x 16.54"	2
Material Thickness: 18mm / 0.71"	Front: 734 x 309 mm / 28.9" x 12.17"	1
Net Internal Volume: 80.68L / 2.85 ft3	Rear: 764 x 309 mm / 30.08" x 12.17"	1
Tuning Frequency: 25.29 Hz	Left: 420 x 309 mm / 16.54" x 12.17"	1
Port Area: 92.7 CM2 / 14.37 inch2	Right: 420 x 309 mm / 16.54" x 12.17"	1
Port Intel: 30 x 309 mm / 1.18" x 12.17"	Port: 354 x 309 mm / 14.76" x 12.17"	1
Port Length: 526mm / 20.71 inch2	Port: 136 x 309 mm / 5.79" x 12.17"	1





SPECIFICATIONS

Nominal Diameter	12" / 321mm
Nominal Impedance	4+4 OHMS
RMS Power Handling	1200 Watts
MAX Power Handling	2400 Watts
Sensitivity(1w/1m)	85 dB
Frequency Response	35Hz - 1000Hz
Recommended Lo Pass Crossover	150Hz

MOTOR

Voice Coil Diameter	76.5mm / 3"
Voice Coil Former Material	Black Aluminium
Winding Material	Copper
Cone Material	Non-Pressed Paper
Dustcap Material	PP
Surround Material	Foam
Basket Material	Alumimium
Basket Color	Black
Magnet Material	Ferrite
Magnet Weight	211oz
Displacement Volume	2.61L/0.12ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	14.47L / 0.51 ft3
Free Air Resonance	Fs	36.9Hz
Mechanical Factor	Qms	5.585
Electrical Factor	Qes	0.681
Total Factor	Qts	0.607
Moving Mass	Mms	389.407g
Compliance	Cms	0.048 mm/N
BL Factor	BL	13.77Tm
Voice Coil Inductance	Le	1.717 mH
Diaphragm Area	Sd	462 CM2
DC Resistance	Re	3.2+3.2 OHM
Efficiency Bandwidth Product	EBP.....	54.19

MEASUREMENT

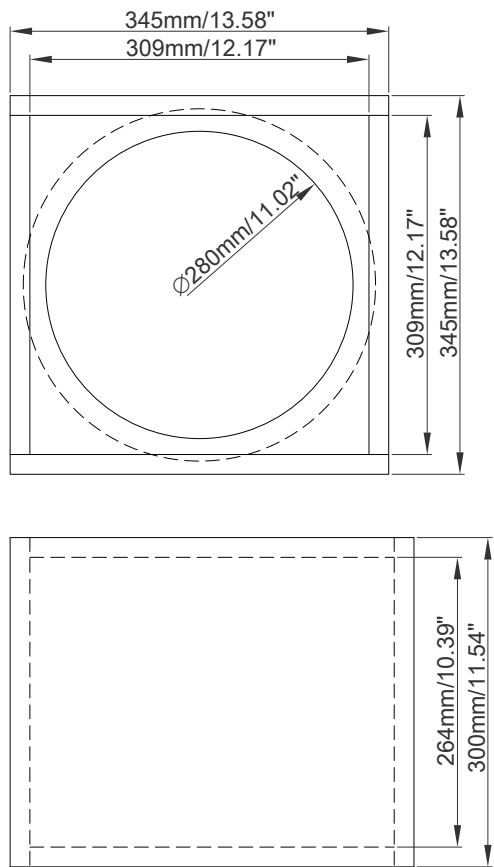
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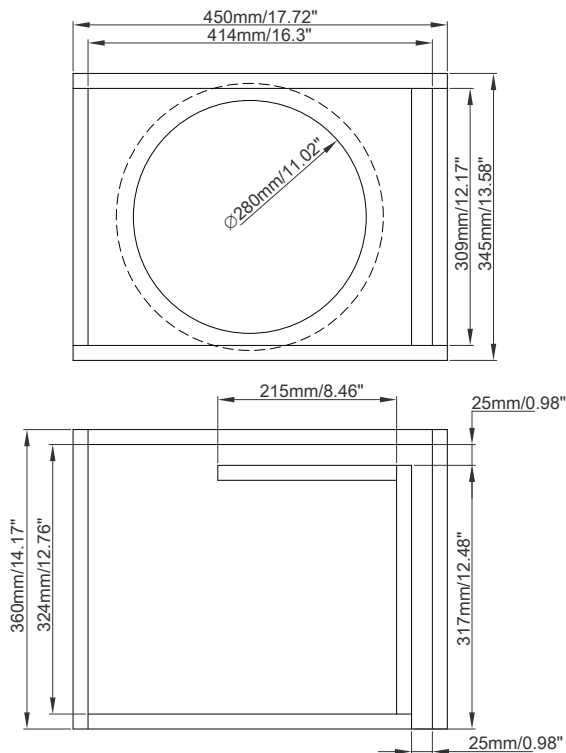
RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



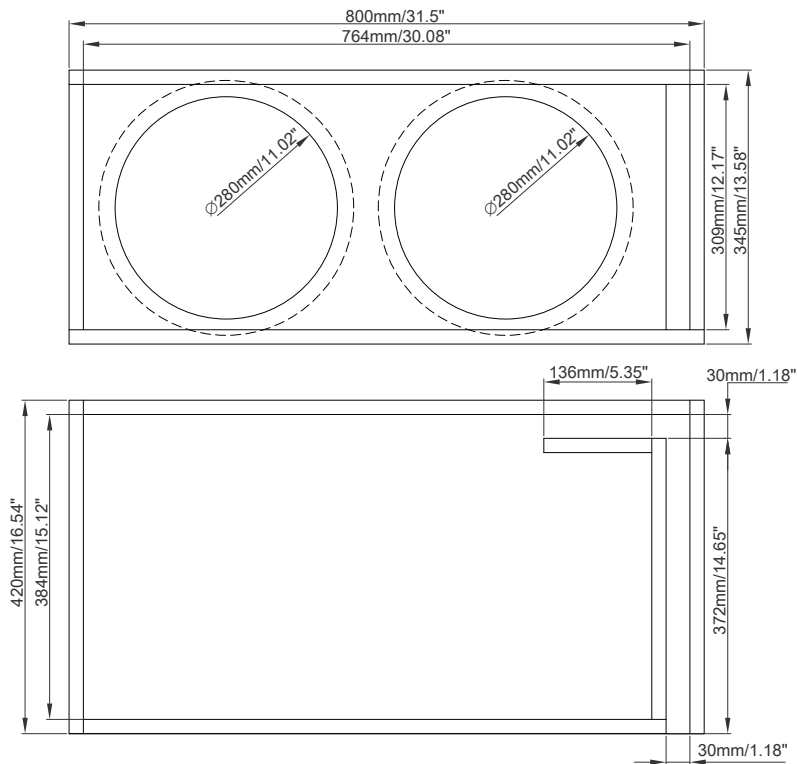
PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 345mm x 345mm x 300mm / 13.58"x 13.58"x 11.81"	Top - Bottom (WxH): 300mm x 345mm / 11.81" x 13.58"	2
Material Thickness: 18mm / 0.71"	Front - Rear (WxH): 309mm x 309mm / 12.17" x 12.17"	2
Net Internal Volume: 22.13L / 0.78ft3	Left - Right (WxH) : 309mm x 300mm / 12.17" x 11.81"	2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 450 x 360 mm / 17.72" x 13.58" x 14.17"	Top - Bottom 450 x 360 mm / 17.72" x 14.17"	2
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**FOR MORE INFORMATION
PLEASE VISIT
www.reissaudio.com.tr**

Turkish Engineering Since 1985

REİS ELEKTRONİK SANAYİ VE TİCARET A.Ş
İstoç Toptancılar Sitesi 15. Ada No:1-3-5-7
Mahmutbey Bağcılar / İstanbul - TÜRKİYE