

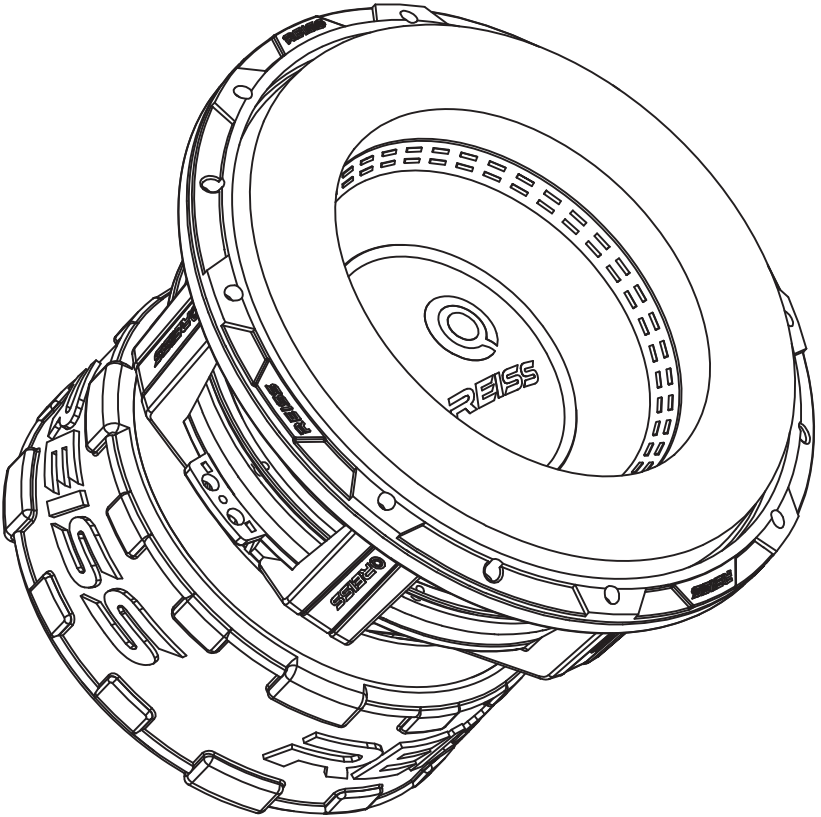


OWNER'S MANUAL

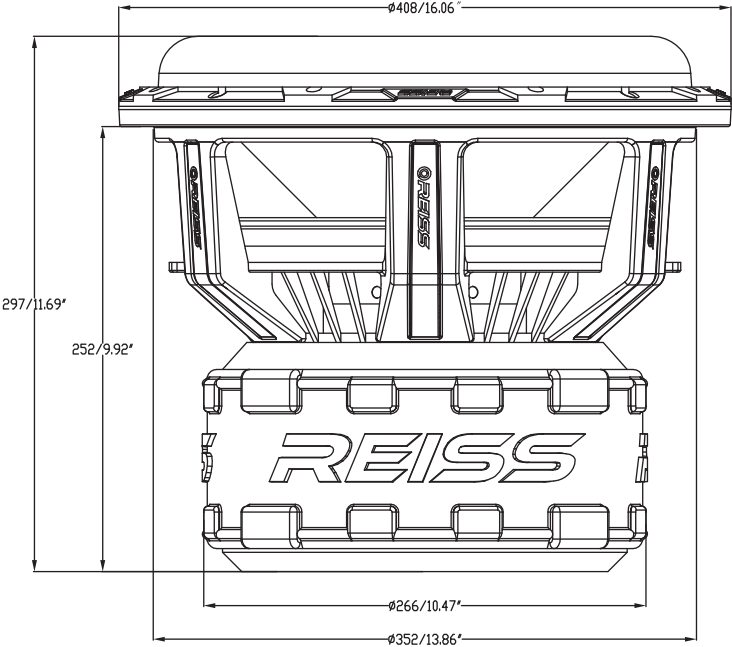
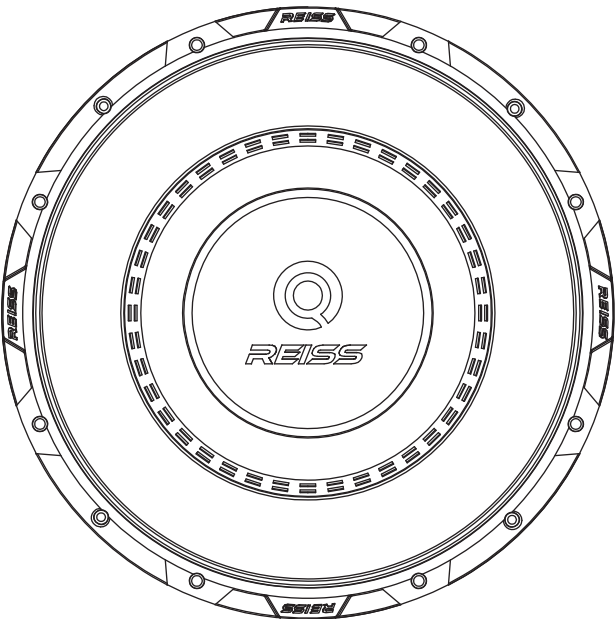
RS-VL15.02

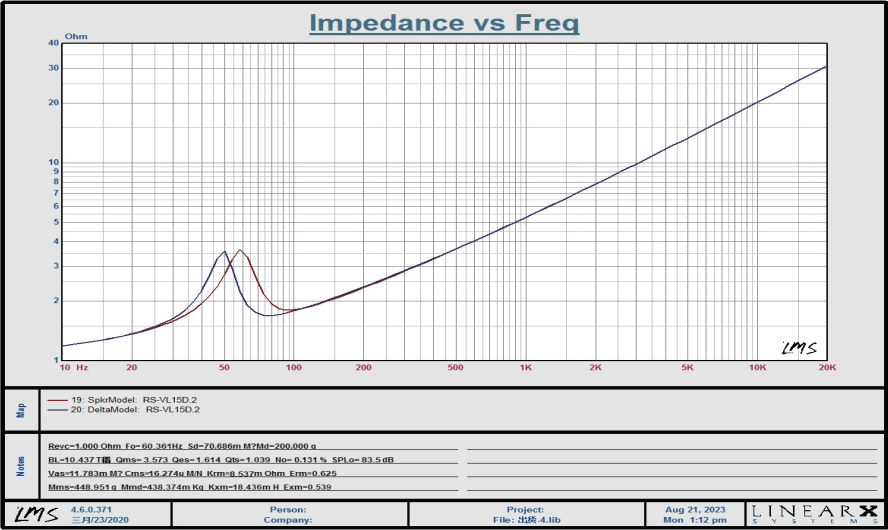
15" COMPETITION
HIGH POWER SUBWOOFER

2+2 Ω



Turkish Engineering Since 1985





SPECIFICATIONS

Nominal Diameter /	15" / 408 mm
Nominal Impedance /	2+2 OHMS
RMS Power Handling /	3000 Watts
MAX Power Handling /	6000 Watts
Sensitivity (1w/1m) /	83.5 dB
Frequency Response /	38Hz - 500Hz
Recommended Lo Pass Crossover /	70 Hz

MOTOR

Voice Coil Diameter /	4" / 99.2 mm
Voice Coil Former Material /	Black Aluminum
Winding Material /	CCAR
Cone Material /	Glass Fiber
Dust Cap Material /	Glass Fiber
Surround Material /	Foam
Basket Material /	Aluminum
Basket Color Finish /	Black wrinkle Coating with Machined Aluminum
Magnet Material /	Ferrite
Magnet Weight /	500 Oz

THIELE & SMALL PARAMETERS

Equivalent Volume /	Vas	11.78 L / 0.416 ft3
Free Air Resonance /	Fs	60.3 Hz
Mechanical Factor /	Qms	3.57
Electrical Factor /	Qes	1.614
Total Factor /	Qts	1.039
Moving Mass /	Mms	448.95 g
Compliance /	Cms	0.016 mm/N
BI Factor /	BI	11.7
Voice Coil Inductance /	Le	0.539 mH
Diaphragm Area /	Sd	706.86 cm2
DC Resistance /	Re	1.8+1.8 OHM

MEASUREMENT

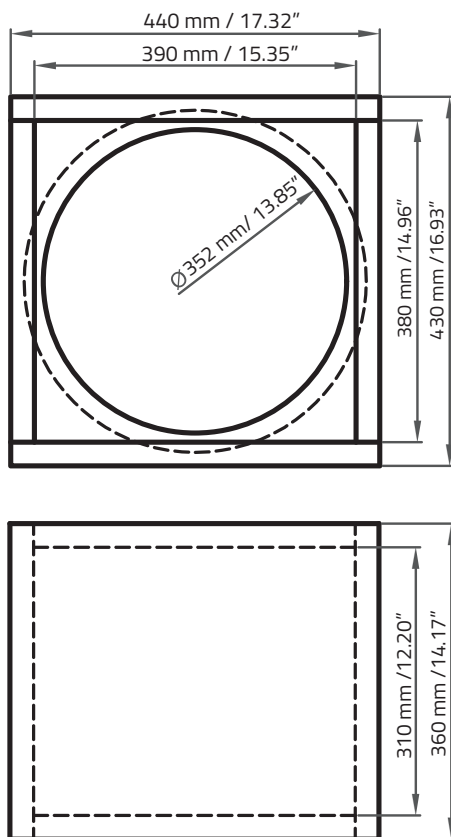
Overall Diameter /	16.06" / 408 mm
Overall Depth /	11.69" / 297 mm
Front Mount Baffle Cutout. /	13.86" / 352 mm
Mounting Depth /	9.92" / 252 mm
Motor Diameter /	9.84" / 250 mm

RECOMMENDED ENCLOSURES

Sealed Internal Volume /	45L / 1.56 ft3
Sealed Box Output Response /	47.8 Hz
Ported Internal Volume /	75L / 2.65 ft3
Port Size *Square (WxHxLong) /	3.14" x 15.74" x 31.10" / 80 mm x 400 mm x 790 mm
Port Tuning Frequency /	36 Hz
Ported Box Output Response /	29 Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

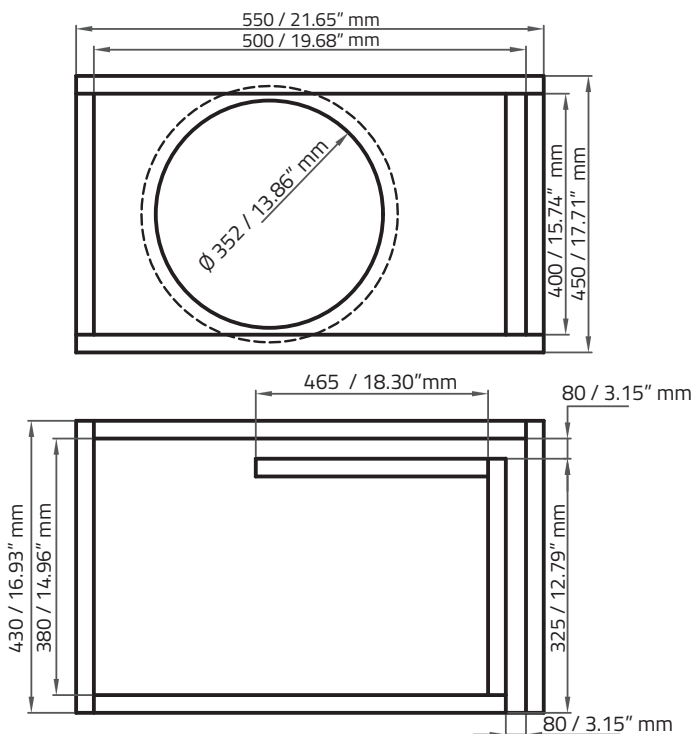
Box External Dimensions:

(WxHxD): 17.32"x 16.93"x 14.1" /

440 mm x 430mm x 360mm

Material Thickness: 0.98" / 25mm

Net Internal Volume: 1.59 ft³ / 45 L

SINGLE SUBWOOFER PORTED BOX**PARAMETERS****Box External Dimensions:**

(WxHxD): 21.65" x 17.71" x 16.93" /
550 mm x 450 mm x 430 mm

Material Thickness: 0.98" / 25mm

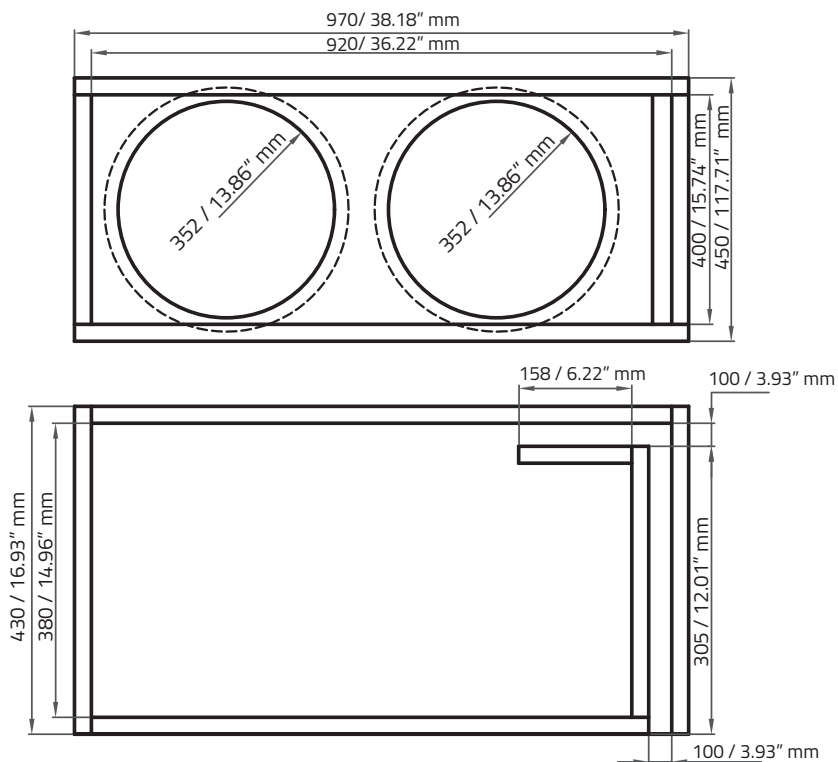
Net Internal Volume: 2.65 ft³ / 75 L

Tuning Frequency: 36 Hz

Port Area: 49.58 inch² / 320 CM²

Port Intel: 3.15" x 15.74"

Port Length: 31.10" / 790 mm

DOUBLE SUBWOOFER PORTED BOX**PARAMETERS**

Box External Dimensions:

(WxHxD): 38.18" x 17.71" x 16.93" /
970 mm x 450 mm x 430 mm

Material Thickness: 0.98" / 25mm

Net Internal Volume: 4.9 ft3 / 140L

Tuning Frequency: 36 Hz

Port Area: 61.85 inch² / 400 CM²

Port Intel: 3.93" x 15.74"

Port Length: 18.22" / 463 mm



**FOR MORE INFORMATION
PLEASE VISIT
www.reissaudio.com.tr**

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