

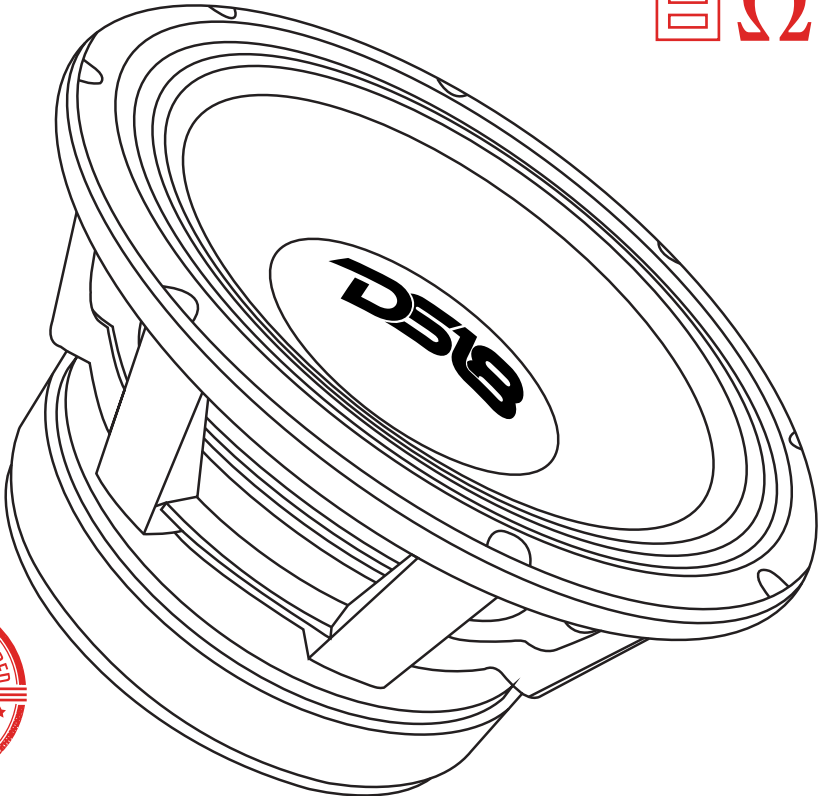


DS18[®]
PRO

OWNER'S MANUAL
MANUAL DEL USUARIO

PRO-1.5KP12.8
12" COMPETITION MID-BASS /
WOOFER LOUDSPEAKER

*ALTAVOZ TIPO WOOFER / MEDIO BAJO
DE COMPETICION DE 12"*



SPECIFICATIONS / ESPECIFICACIONES:

Nominal Diameter / Diámetro Nominal.....	12"
Nominal Impedance / Impedancia Nominal.....	8 OHMS
RMS Power Handling / Manejo de Potencia RMS.....	1500W
MAX Power Handling / Manejo de Potencia MAX.....	3000W
Sensitivity (1w/1m) / Sensibilidad (1w/1m).....	95 dB
Frequency Response / Respuesta de Frecuencia.....	60Hz-8KHz
Recommended Hi Pass Crossover / Crossover Paso alto Recomendado.....	70Hz
Pair or Single / Par o Unidad.....	Single / Unidad

MOTOR / MOTOR:

Voice Coil Diameter / Diámetro de la Bobina de Voz.....	4"
Voice Coil Former Material / Material Interior de Bobina Móvil.....	Fiber Glass / Fibra de Vidrio
Winding Material / Material de Bobinado.....	CCAW
Cone Material / Material del Cono.....	Paper / Papel
Dust Cap Material / Material de la Tapa anti-polvo.....	Paper / Papel
Surround Material / Material de la Suspension.....	Cloth / Tela
Basket Material / Material de la Canasta.....	Aluminum / Aluminio
Basket Color Finish / Color Acabado de Canasta.....	Black / Negro
Magnet Material / Material del Imán.....	Ferrite / Ferrita
Magnet Weight / Peso del Imán.....	150 Oz

THIELE & SMALL PARAMETERS / PARÁMETROS T/S:

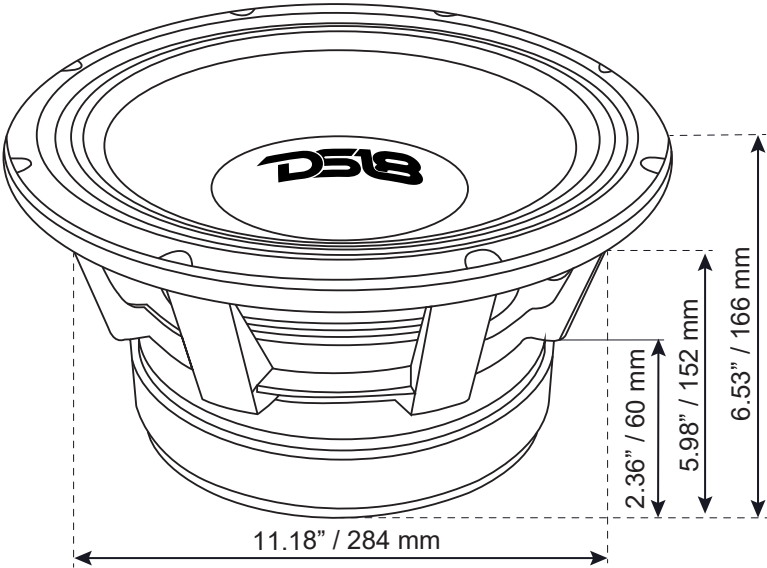
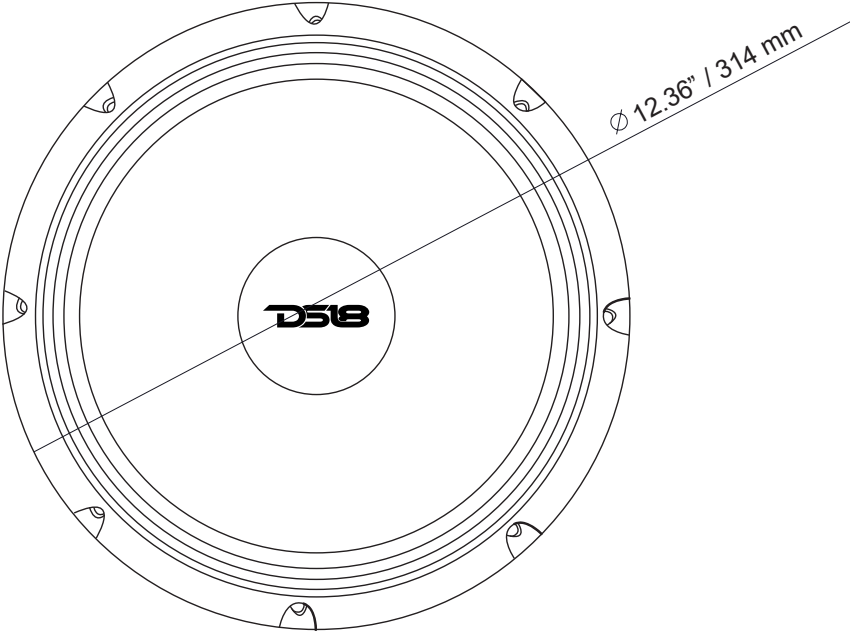
Equivalent Volume / Volumen Equivalente.....	Vas.....	19.9 L
Free Air Resonance / Resonancia al Aire Libre.....	Fs.....	73.5 Hz
Mechanical Factor / Factor Mecánico.....	Qms.....	10.02
Electrical Factor / Factor Eléctrico.....	Qes.....	0.388
Total Factor / Factor Total.....	Qts.....	0.369
Mechanical Mass / Factor Mecánico.....	Mms.....	105.1g
Mechanical Compliance / Cumplimiento Mecánico.....	Cms.....	44.57 mm/N
BL Factor / Factor BL.....	BL.....	26.65
Voice Coil Inductance / Inductancia de Bobina de Voz.....	Le.....	1.057 mH
Cone Area / Area del cono.....	Sd.....	560 cm ²
DC Resistance / Resistencia DC.....	Re.....	5.6 ohm
Efficiency Bandwidth Product / Eficiencia del Ancho de Banda del Producto.....	Ebp.....	191

MEASUREMENTS / MEDIDAS:

Overall Diameter / Diámetro Total.....	12.36" / 314 mm
Overall Depth / Profundidad Total.....	6.53" / 166 mm
Front Mount Baffle Cutout / Corte del Orificio de Montaje.....	11.18" / 284 mm
Mounting Depth / Profundidad de Montaje.....	5.98" / 152 mm
Motor Diameter / Diámetro del Motor.....	8.66" / 220 mm

PRO-1.5KP12.8

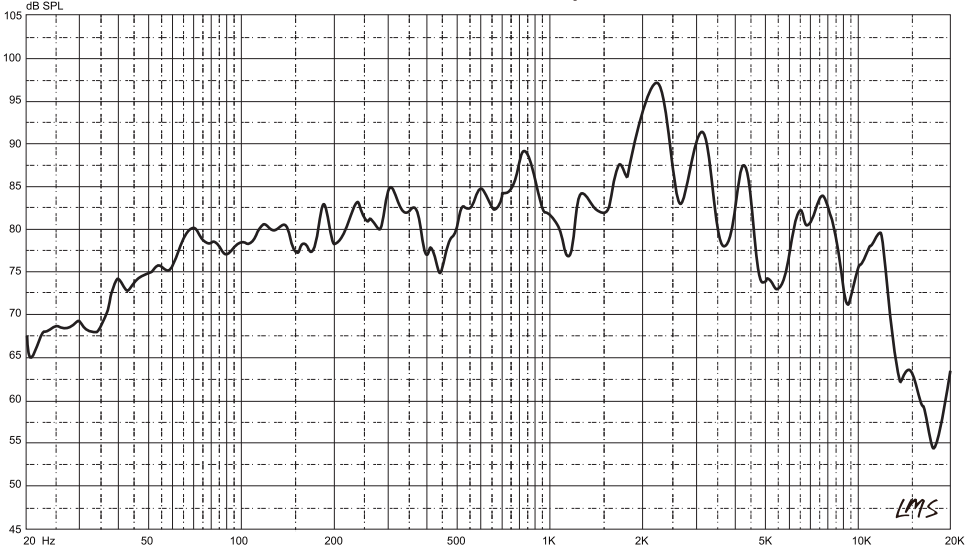
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SPL vs Freq

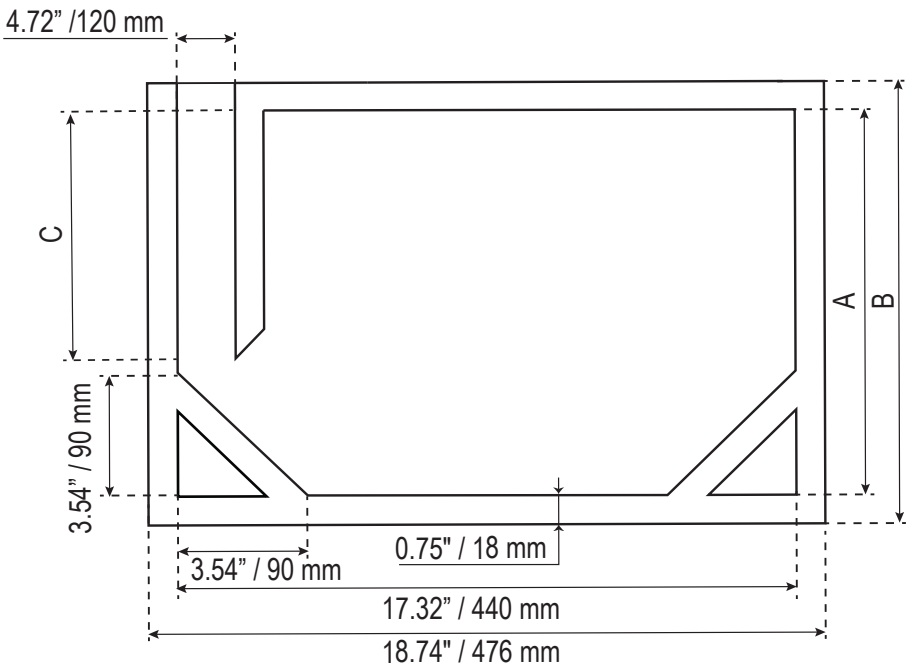
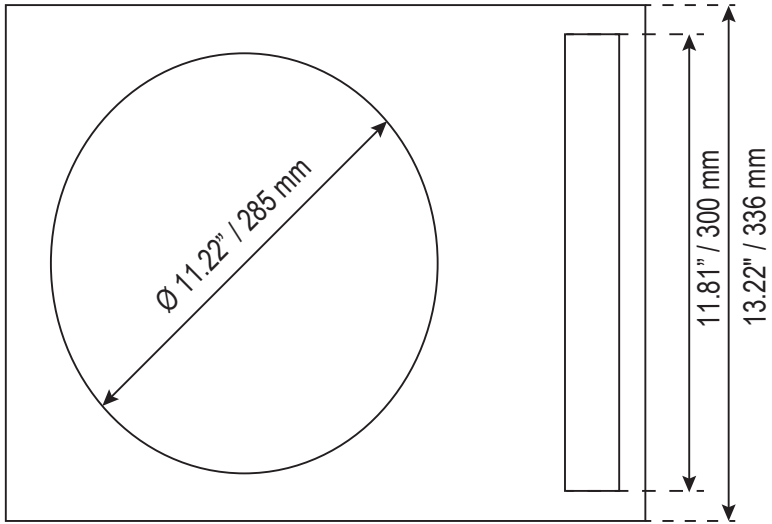


RECOMMENDED BOX:

Model (Boxes)	Internal Volume Liters (L)	Box Dimensions (inches / millimeters)		Port Dimensions	Fb (Hz)	HPF (Hz)
		A	B	C	Box Tuning	
PRO-1.5KP12.2 Box I	34	10.23" / 260 mm	11.65" / 296 mm	0.78" / 20 mm	150	105
PRO-1.5KP12.2 Box II	38	11.41" / 290 mm	12.83" / 326 mm	4.33" / 110 mm	125	95
PRO-1.5KP12.2 Box III	42	12.59" / 320 mm	14" / 356 mm	4.78" / 190 mm	110	85
PRO-1.5KP12.2 Box IV	42	13.77" / 350 mm	15.19" / 386 mm	7.8" / 200 mm	100	80
PRO-1.5KP12.2 Box V	51	15.34" / 390 mm	16.77" / 426 mm	9.05" / 230 mm	90	75
PRO-1.5KP12.2 Box VI	58	17.32" / 440 mm	18.74" / 476 mm	11.02" / 280 mm	80	70

Wood: 3/4" / 18 mm

RECOMMENDED BOX DIMENSIONS:





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The DS18 logo, consisting of the letters "DS18" in a bold, stylized, italicized font. The "D" and "S" are connected, and the "18" is separate. A registered trademark symbol (®) is located at the top right of the "8".

DS18®