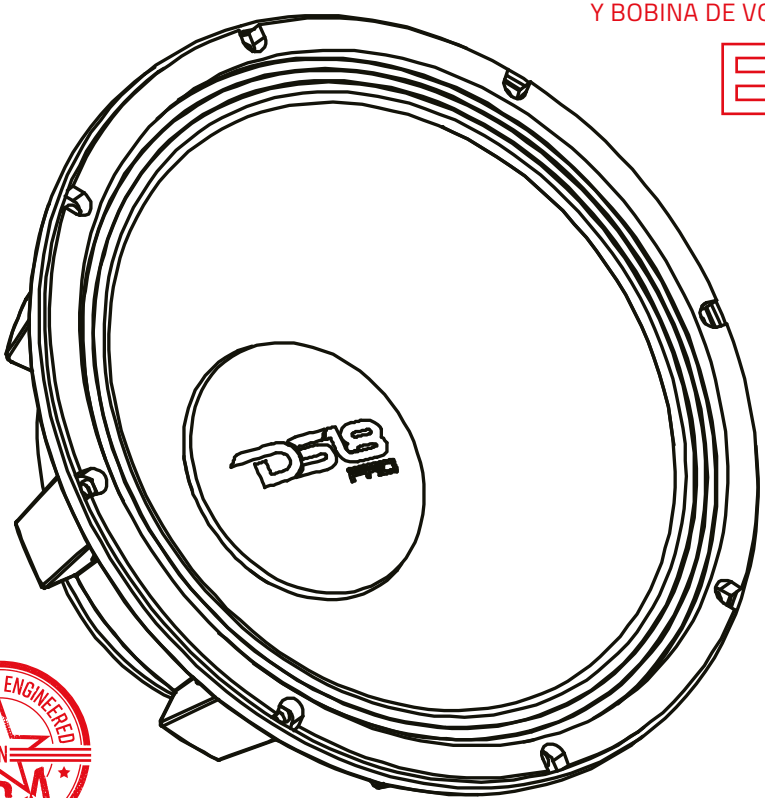
OWNER'S MANUAL

MANUAL DE USUARIO

PRO-XLNEO12MB

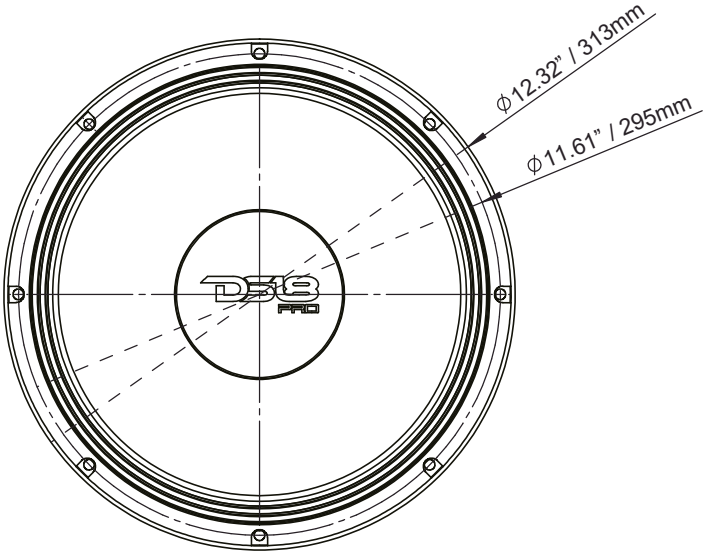
12" MID-BASS LOUDSPEAKER WITH
NEODYMIUM MAGNET AND 4" VC

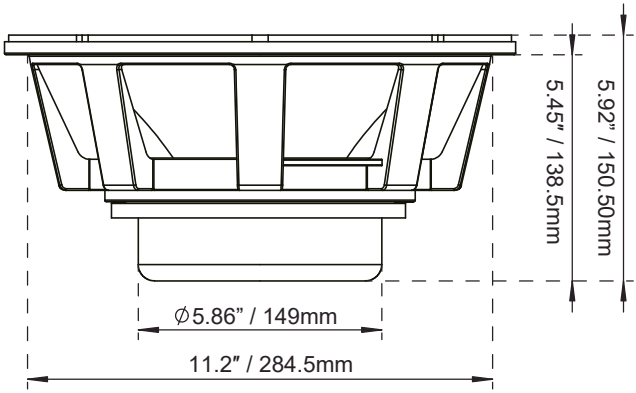
ALTAVOZ DE RANGO MEDIO BAJO DE 12"
CON MAGNETO DE NEODIMIO
Y BOBINA DE VOZ DE 4"

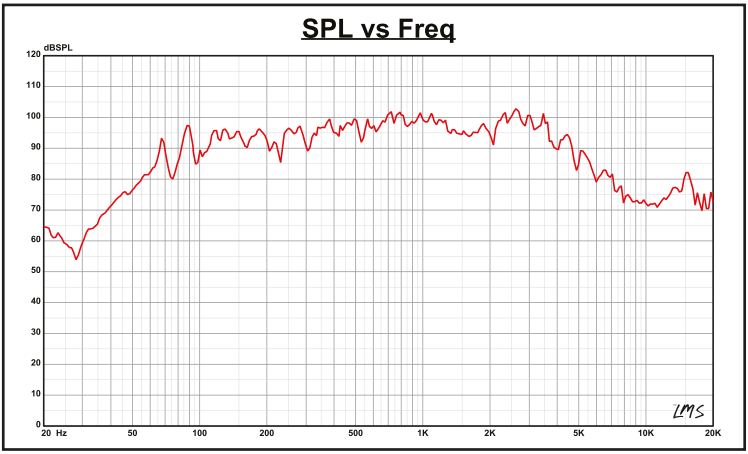


DESIGNED & ENGINEERED IN USA

PRO-XLNEO12MB







SPECIFICATIONS / ESPECIFICACIONES:

Nominal Diameter / Diámetro Nominal ..... **12" / 304.8mm**
Nominal Impedance / Impedancia Nominal ..... **8 OHMS**
RMS Power Handling / Manejo de Potencia RMS **1000W**
MAX Power Handling / Manejo de Potencia MAX **2000W**
Sensitivity (1w/1m)/ Sensibilidad (1w / 1m) ..... **98.2 dB**
Frequency Response / Respuesta de Frecuencia ..... **45Hz - 7KHz**
Recommended HI Pass Crossover / Crossover de Paso Alto Recomendado **80Hz**
Pair or Single / Par o Individual ..... **Single /** Individual

MOTOR / MOTOR:

Voice Coil Diameter / Diámetro de la Bobina de Voz ..... **4" / 99.8mm**
VC Former Material / Material Interior de Bobina Móvile ..... **Glass Fiber /** Fibra de Vidrio
Winding Material / Material de la Bobina ..... **CCAW**
Cone Material / Material del Cono ..... **Paper /** Papel
Dustcap Material / Material de la Tapa Antipolvo ..... **Paper /** Papel
Surround Material/ Material del Envolvente ..... **Cloth /** Tela
Basket Material / Material de la Canasta ..... **Aluminum /** Aluminio
Basket Color / Color de la Canasta ..... **Sandblasted Black /** Negro Arenado
Magnet Material / Material del Imán ..... **Neodymium /** Neodimio
Magnet Weight / Peso del Imán ..... **18.5 Oz**
Displacement Volume / Volumen de Desplazamiento ..... **2.32L / 0.082ft3**

THIELE & SMALL PARAMETERS / PARÁMETROS T/S

Equivalent Volume / Volumen equivalente ..... **Vas** ..... **22.76L / 0.8ft3**
Excursion (one way) / Excursión (1 vía) ..... **Xmax** ..... **13.8 mm**
Free Air Resonance / Resonancia al Aire Libre ..... **Fs** **72Hz**
Mechanical Factor / Factor Mecánico ..... **Qms** **1.61**
Electrical Factor / Factor Eléctrico ..... **Qes** **0.359**
Total Factor / Factor Total ..... **Qts** **0.294**
Mechanical Mass / Masa Mecanica ..... **Mms** **83.362g**
Mechanical Compliance / Cumplimiento Mecanico ..... **Cms** **0.059mm/N**
BL Factor / Factor BL ..... **Bl** **23.553**
Voice Coil Inductance / Inductancia de la Bobina de Voz ... **Le** **32.64mH**
Cone Area / Area del Cono ..... **Sd** **522.79CM²**
DC Resistance / Resistencia DC ..... **Re** ..... **5.2 Ohm**
Mechanical Mass w/o Air / Mesa Mecanica sin Aire ..... **Mmd** **69.855g**

MEASUREMENTS / MEDIDAS:

Overall Diameter / Diámetro Total ..... **12.32" / 313mm**
Overall Depth / Profundidad Total ..... **5.92" / 150.5mm**
Front Mount Baffle Cutout / Corte del Orificio de Montaje ..... **11.2" / 284.5mm**
Mounting Depth/ Profundidad de Montaje ..... **5.45" / 138.5mm**
Motor Diameter / Diámetro del Motor ..... **5.86"/149mm**

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