



DS18 PRO- X8.4BM Midrange Loudspeaker Owner's Manual

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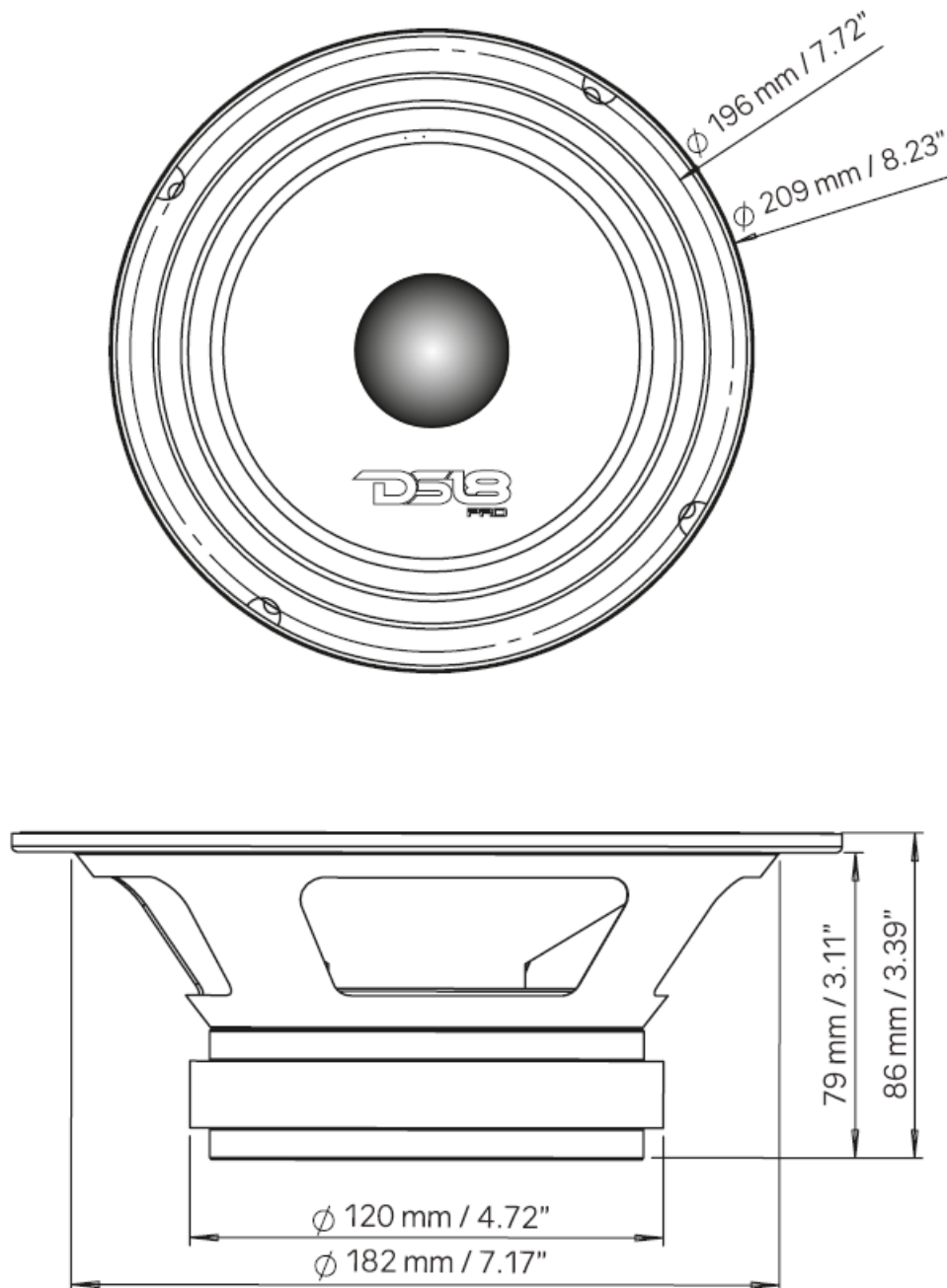
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DS18 PRO- X8.4BM Midrange Loudspeaker



Dimensions



Data Sheet

- Nominal Diameter
 - 8" (203.2 mm)
- Nominal Impedance
 - 4 ohms
- MAX Power Handling
 - 500 WATTS
- RMS Power Handling
 - 275 WATTS
- Sensitivity (1w/1m).
 - 96dB
- Frequency Response.

- 125Hz-16KHz
- Recommended Hi Pass Crossover
 - 120 Hz

Midrange:

- Voice Coil Diameter
 - 1.5" (38.1 mm)
- Voice Coil Former Material
 - Kapton
- Winding Material
 - CCAW
- Basket Material
 - Steel
- Magnet Weight
 - 30 oz

Thiele& Small Parameters:

- Equivalent Volume
 - Vas
 - 26.60 LTR
- Excursion
 - Xmax
 - 9.3 mm
- Free Air Resonance
 - Fs
 - 93 Hz
- Mechanical Factor
 - Qms
 - 3.275
- Electrical Factor
 - Qes
 - 589
- Total Factor
 - Qts
 - 552
- Dc Resistance
 - Re
 - 3.2 ohms

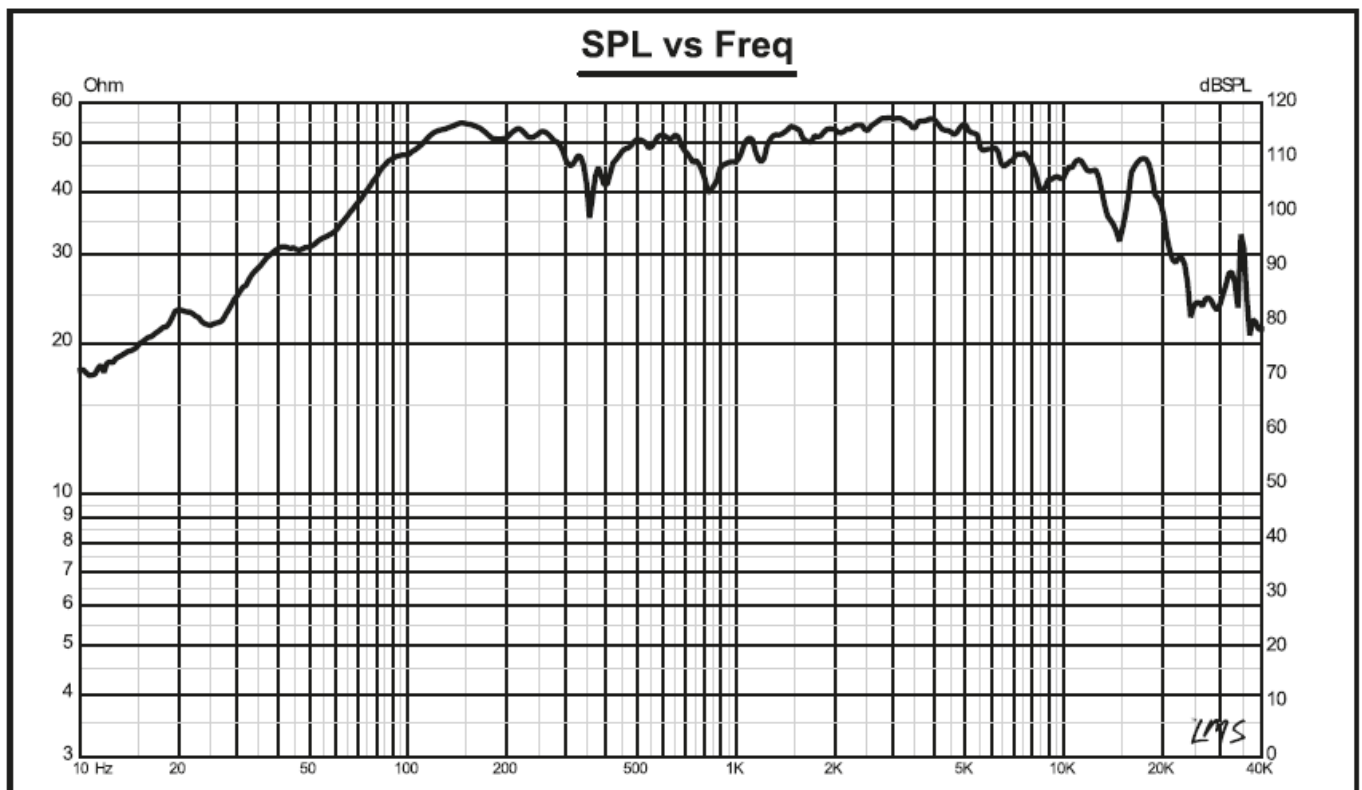
Measurements:

- Overall Diameter

- 209 mm (8.22")
- Front Mount Baffle Cutout
 - 182 mm (7.17")
- Mounting Depth
 - 79 mm (3.11")
- Overall Depth
 - 86 mm (3.39")

Specification

- **MAX Power Handling:** 550 Watts
- **RMS Power Handling:** 275 Watts
- **Frequency Response:** 125Hz-16KHz
- **Voice Coil Material:** Kapton
- **Voice Coil Diameter:** 1.5" (38.1 mm)
- **Nominal Impedance:** 4 ohms
- **Mounting Depth:** 3.11"(79 mm)
- **Sensitivity (1W/1M):** 96dB
- **Magnet Material:** Ferrite
- **Magnet Weight:** 30 oz



Documents / Resources



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PRO- X8.4BM, Midrange Loudspeaker, PRO- X8.4BM Midrange Loudspeaker, Loudspeaker