

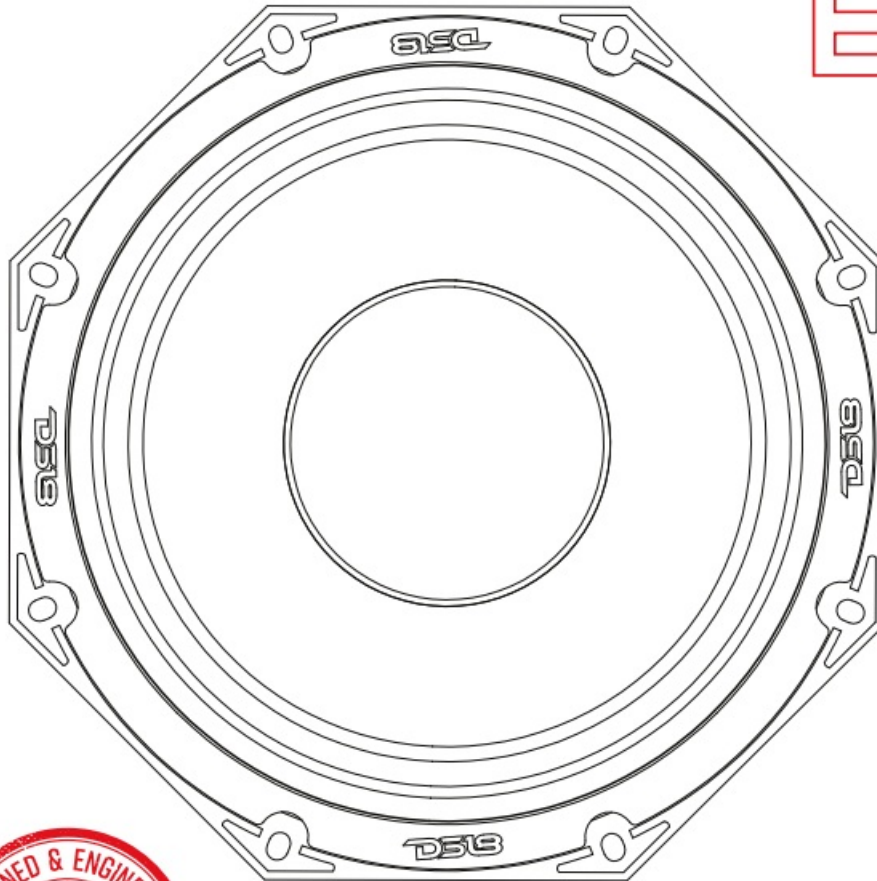


DS18 8OCT400-8 PRO 8 Octagon MidRange Loudspeaker Owner's Manual

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**OWNER'S MANUAL
8OCT400-8
8" OCTAGONAL MIDRANGE
LOUDSPEAKER**



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SPECIFICATIONS

Nominal Diameter.....	8" / 203 mm
Nominal Impedance.....	8 OHMS
RMS Power Handling.....	400 Watts
MAX Power Handling.....	800 Watts
Sensitivity (1w/1m).....	98 dB
Frequency Response.....	63Hz-10KHz
Recommended Hi Pass Crossover.....	100 Hz
Sold as Pair or Single.....	Single

MOTOR

Voice Coil Diameter.....2" / 50.8 mm
 VC Former Material..... TIL
 Winding Material.....CCAW
 Cone Material..... Paper
 Dust Cap Material..... Paper
 Surround Material..... Cloth
 Basket Material.....Aluminum
 Basket Color.....Sandblasted Black
 Magnet Material..... Ferrite
 Magnet Weight..... 50 Oz
 Displacement Volume.....0.062 L / 0.0021 ft3

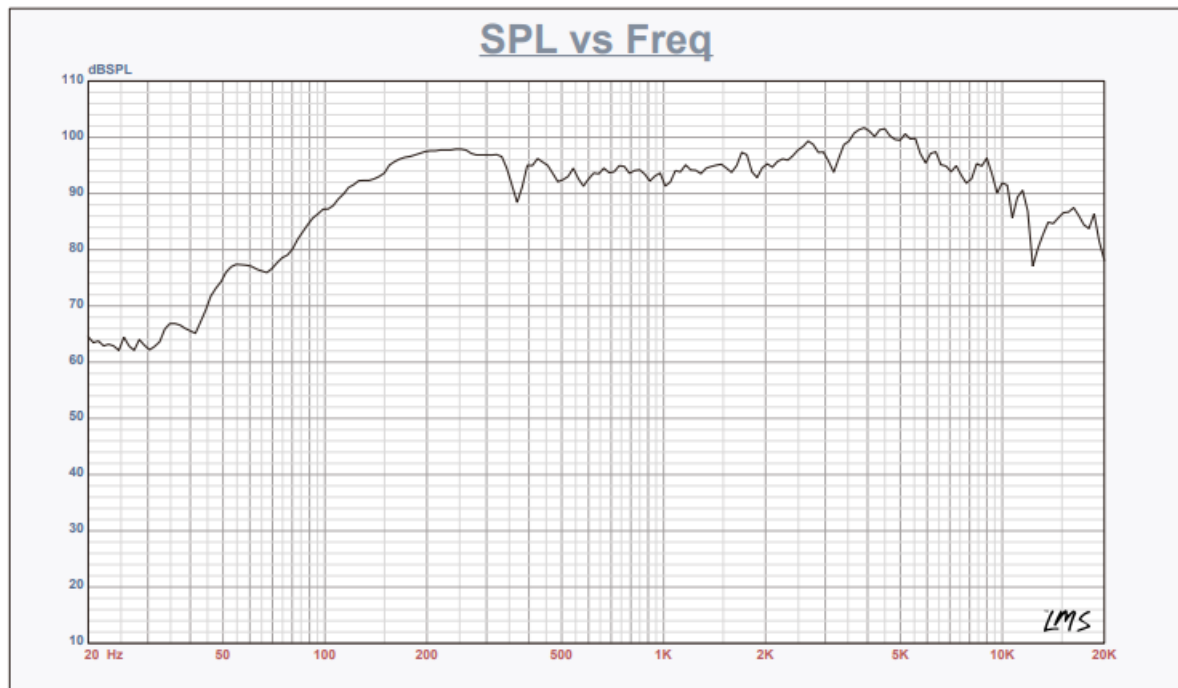
THIELE & SMALL PARAMETERS

Equivalent Volume.....Vas..... 39.8 L / 1.4 ft3
 Excursion (one way).....Xmax 4 mm
 Free Air Resonance.....Fs 80 Hz
 Mechanical Factor.....Qms 5.008
 Electrical Factor.....Qes 0.545
 Total Factor.....Qts 0.492
 Mechanical Mass.....Mms 5.83 g
 Mechanical Compliance.....Cms0.62 mm/N
 BL Factor.....Bl..... 5.68
 Voice Coil Inductance.....Le0.158 mH
 Equivalent Volume.....Vas..... 39.8 L / 1.4 ft3
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 BL Factor.....Bl..... 5.68
 Voice Coil Inductance.....Le0.158 mH
 Cone Area.....Sd..... 213.82 cm²
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 DC Resistance.....Re..... 5.73 OHMS
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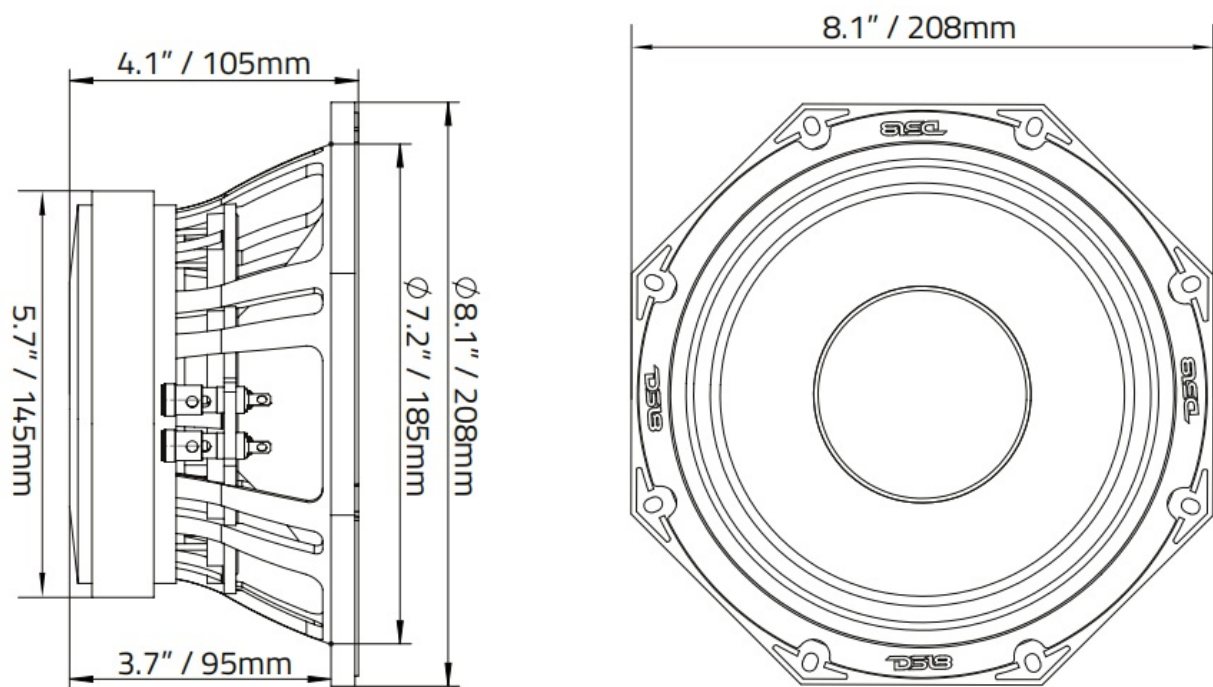
MEASUREMENT

MEASUREMENT

Overall Diameter.....8.1" / 208 mm
 Overall Depth.....4.1" / 105 mm
 Front Mount Baffle Cutout.....7.2" / 185 mm
 Mounting Depth.....3.7" / 95 mm
 Overall Diameter.....8.1" / 208 mm
 Overall Depth.....4.1" / 105 mm
 Front Mount Baffle Cutout.....7.2" / 185 mm
 Mounting Depth.....3.7" / 95 mm
 Motor Diameter.....5.7" / 145 mm
 Motor Diameter.....5.7" / 145 mm



MEASUREMENTS



WARRANTY

Please visit our website DS18.com for more information on our warranty policy.
 We reserve the right to change products and specifications at any time without notice.
 Images may or may not include optional equipment.



WARNING:

Cancer and Reproductive Harm.

www.P65Warning.ca.gov



FOR MORE INFORMATION
PLEASE VISIT
[DS18.COM](https://www.ds18.com)
We LIKE IT LOUD

Documents / Resources

	DS18 8OCT400-8 PRO 8 Octagon MidRange Loudspeaker [pdf] Owner's Manual 8OCT400-8 PRO 8 Octagon MidRange Loudspeaker, 8OCT400-8 PRO, 8 Octagon MidRange L oudspeaker, MidRange Loudspeaker, Loudspeaker
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References

- [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)
- [User Manual](#)