

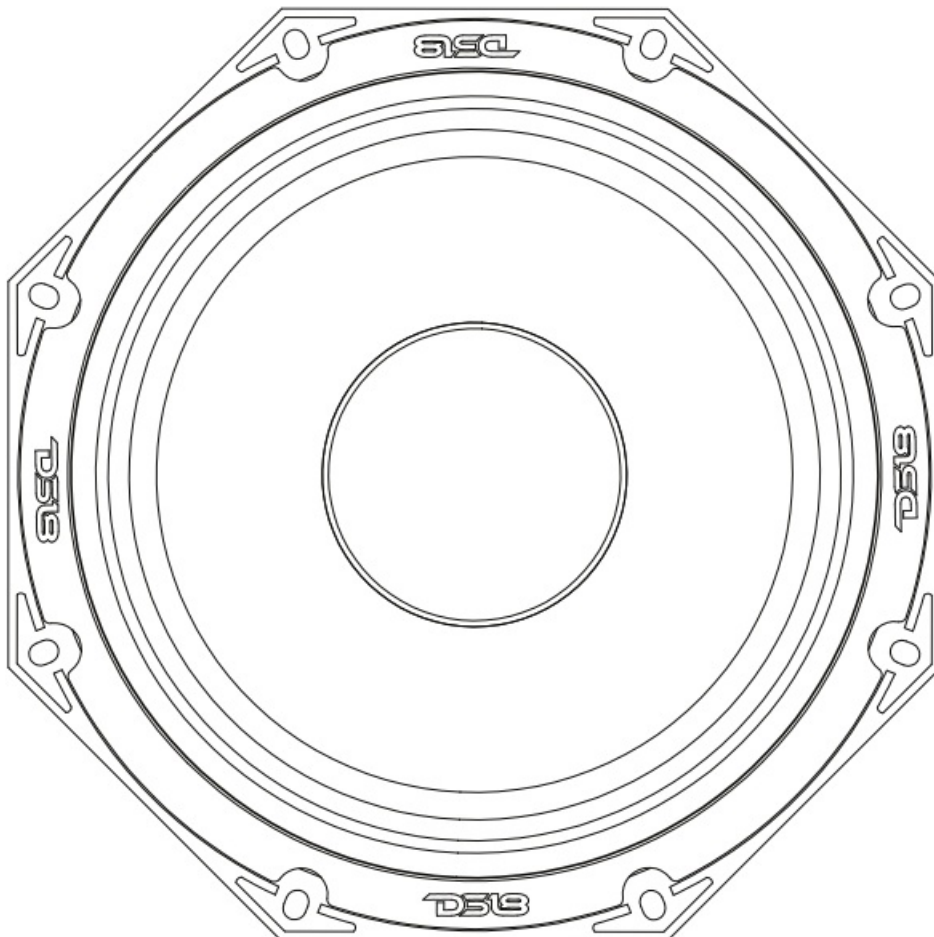


DS18 10OCT500-8 10 Inch Octagonal Midrange Loudspeaker Owner's Manual

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10OCT500-8 10 Inch Octagonal Midrange Loudspeaker
Owner's Manual





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SPECIFICATIONS

Nominal Diameter.....	10" / 254 mm
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Nominal Impedance.....	8 OHMS
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RMS Power Handling.....	500 Watts
MAX Power Handling.....	1000 Watts
Sensitivity (1w/1m).....	100 dB
Frequency Response.....	40Hz-8KHz
Recommended Hi Pass Crossover.....	80 Hz
Sold as Pair or Single.....	Single
RMS Power Handling.....	500 Watts
MAX Power Handling.....	1000 Watts
Sensitivity (1w/1m).....	100 dB
Frequency Response.....	40Hz-8KHz
Recommended Hi Pass Crossover.....	80 Hz
Sold as Pair or Single.....	Single

MOTOR

Voice Coil Diameter.....	2.6" / 66 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.....	62.3 Oz
Displacement Volume.....	0.088 L / 0.0031 ft3

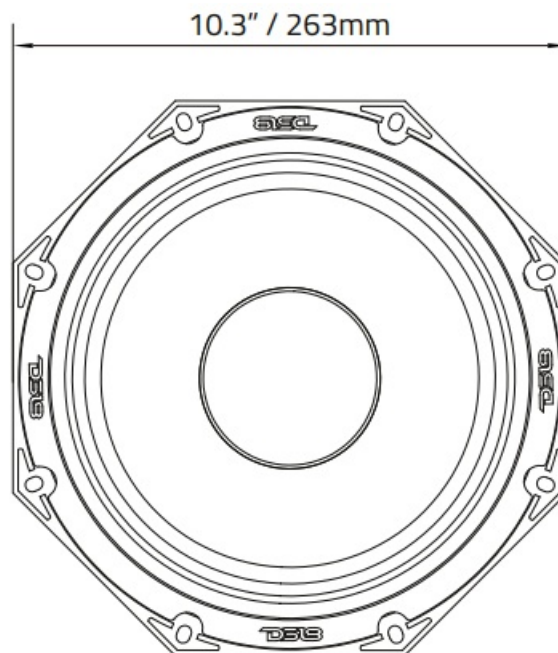
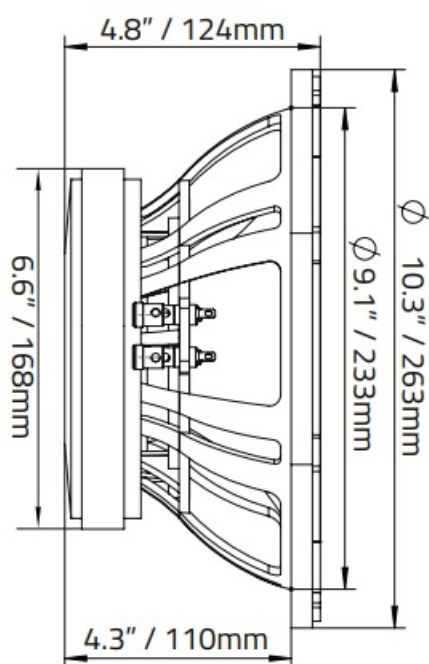
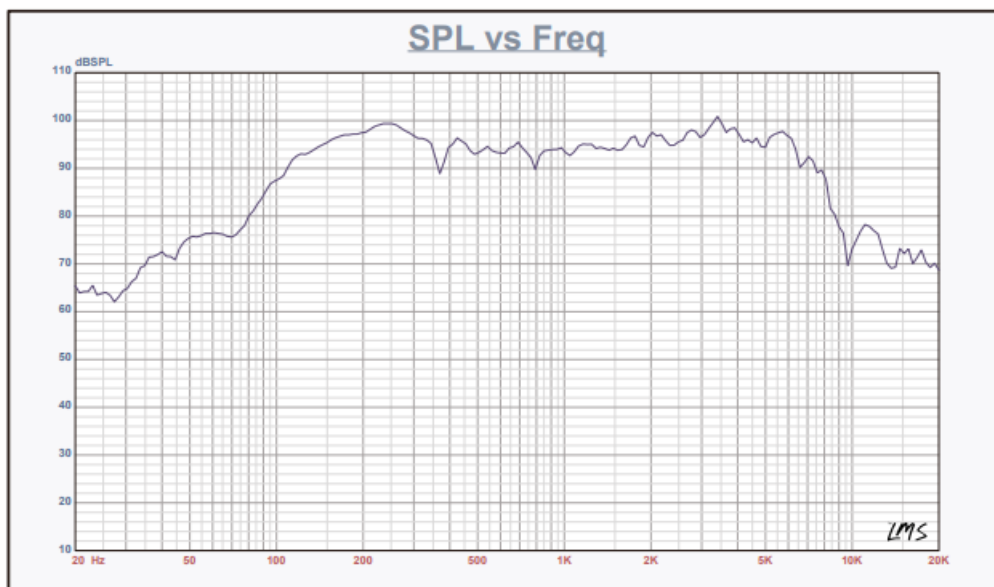
Voice Coil Diameter.....2.6" / 66 mm
 VC Former Material..... TIL
 Winding Material.....CCAW
 Cone Material..... Paper
 Dust Cap Material..... Paper
 Surround Material..... Cloth
 Basket Material.....Aluminum
 Basket Color.....Sandblasted Black
 Magnet Material..... Ferrite
 Magnet Weight.....62.3 Oz
 Displacement Volume.....0.088 L / 0.0031 ft3

THIELE & SMALL PARAMETERS

Equivalent Volume.....Vas.....50.96 L / 1.8 ft3
 Excursion (one way).....Xmax 8 mm
 Free Air Resonance.....Fs 90 Hz
 Mechanical Factor.....Qms 14.77
 Electrical Factor.....Qes 0.547
 Total Factor.....Qts 0.527
 Mechanical Mass.....Mms 10.24 g
 Mechanical Compliance.....Cms 0.297 mm/N
 BL Factor.....Bl 7.81
 Voice Coil Inductance.....Le0.177 mH
 Cone Area.....Sd..... 349.67 cm²
 DC Resistance.....Re..... 5.68 OHMS
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 DC Resistance.....Re..... 5.68 OHMS

MEASUREMENT

Overall Diameter..... 10.3" / 263 mm
 Overall Depth.....4.8" / 124 mm
 Front Mount Baffle Cutout.....9.1" / 233 mm
 Overall Diameter..... 10.3" / 263 mm
 Overall Depth.....4.8" / 124 mm
 Front Mount Baffle Cutout.....9.1" / 233 mm
 Mounting Depth.....4.3" / 110 mm
 Motor Diameter.....6.6" / 168 mm
 Mounting Depth.....4.3" / 110 mm
 Motor Diameter.....6.6" / 168 mm



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
We LIKE IT LOUD

Documents / Resources

 The image shows the product packaging for the DS18 10OCT500-8 10 Inch Octagonal Midrange Loudspeaker. The box is white with a black top section featuring the DS18 logo in red. Below the logo, the model number '10OCT500-8' is printed in red. A technical drawing of the octagonal speaker is shown in the center, with various specifications and a small red circular logo at the bottom left.	DS18 10OCT500-8 10 Inch Octagonal Midrange Loudspeaker [pdf] Owner's Manual 10OCT500-8 10 Inch Octagonal Midrange Loudspeaker, 10OCT500-8, 10 Inch Octagonal Midrange Loudspeaker, Octagonal Midrange Loudspeaker, Midrange Loudspeaker, Loudspeaker
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References

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

Manuals+.