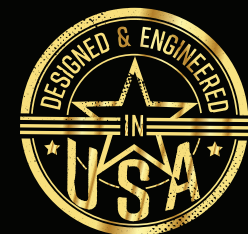
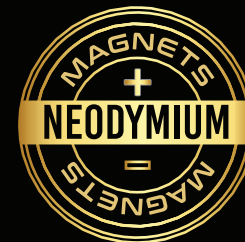


DS18®
DX3N

DS18®

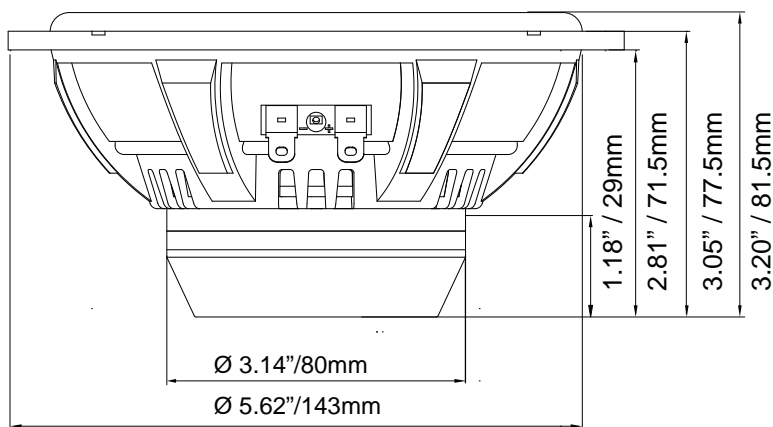
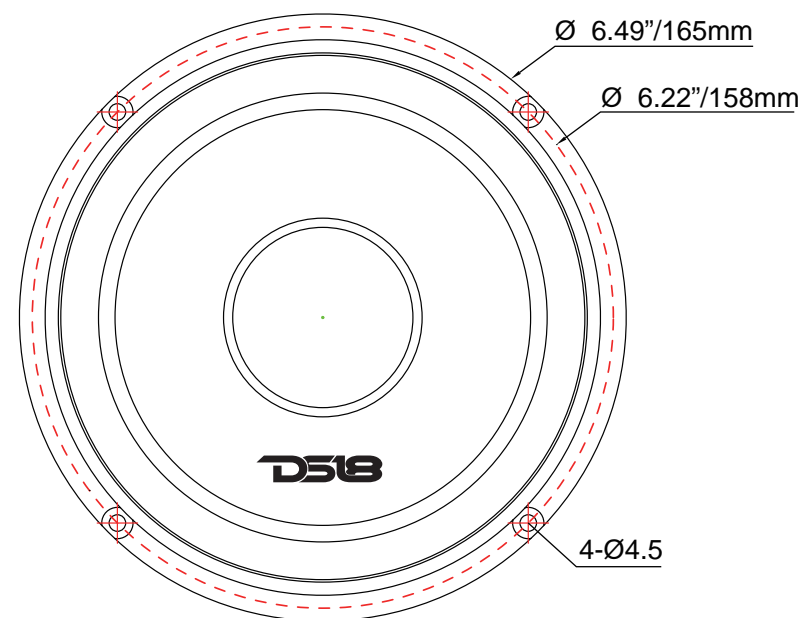
DX3N

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DX3NW WOOFER



Specifications:

Nominal Diameter	6.5"
Nominal Impedance	4 OHMS
Peak Power Handling	400W
Program Power Handling	200W
AES Power Handling	100W
Sensitivity (1w/1m)	91dB
Frequency Response	50Hz-12KHz
Recommended Hi Pass Crossover	45 Hz

Motor

Voice Coil Diameter	1.4"/35.5 mm
Voice Coil Former Material	Kapton
Winding Material	SV
Cone Material	Carbon Fiber + Resin
Surround Material	Rubber Edge
Basket Material	Aluminum
Magnet Material	Neodymium
Magnet Weight	3.1 oz

Thiele & Small Parameters

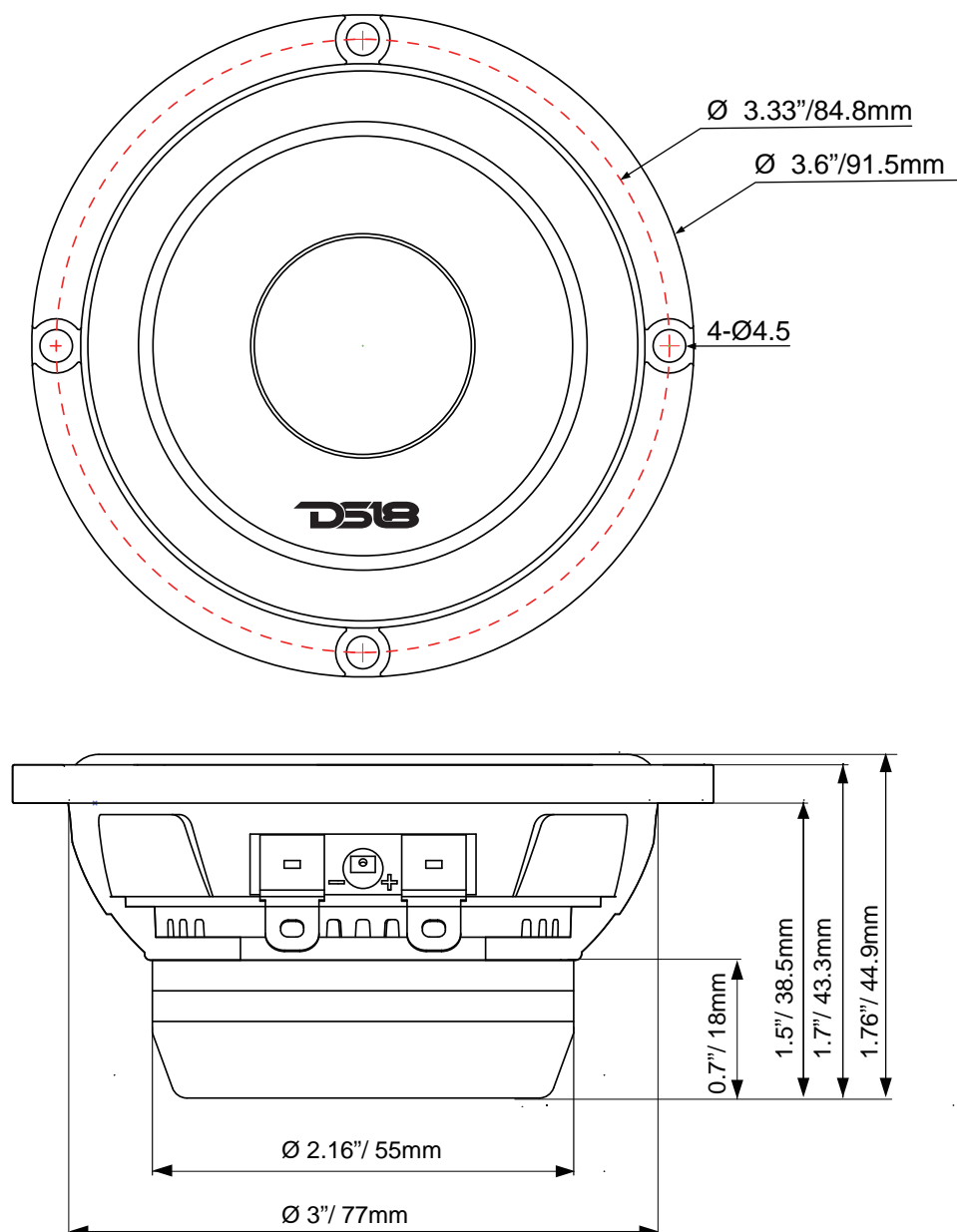
Equilivant Volume	Vas	11.07L
Excursion	Xmax	5mm
Free Air Resonance	Fs	56Hz
Mechanical Factor	Qms	10.36
Electrical Factor	Qes	0.453
Total Factor	Qts	0.434
Moving Mass	Mms	19.58g
Compliance	Cms	0.408 mm/N
Force Factor	BL	6.836
Voice Coil Inductance	Le	0.1394 mH
Diaphragm Area	Sd	138.93cm ²
Dc Resistance	Re	3.059 ohms
Mechanical Mass without Air	Mmd	18.1g

Measurements

Overall Diameter	6.49"/165 mm
Front Mount Baffle Cutout	5.62"/143 mm
Mounting Depth	2.81"/71.5 mm
Overall Depth	3.20/81.5mm
Motor Diameter	3.14"/80mm

DX3NW WOOFER

DX3NM MIDRANGE



Specifications:

Nominal Diameter	3.5"
Nominal Impedance	4 OHMS
Peak Power Handling	120W
Program Power Handling	60W
AES Power Handling	30W
Sensitivity (1w/1m)	90 dB
Frequency Response	80hz-20KHz
Recommended HI Pass Crossover	800 Hz

Motor

Voice Coil Diameter	1"/25 mm
Voice Coil Former Material	TIL
Winding Material	CCAW
Cone Material	Carbon Fiber + Resin
Surround Material	Rubber Edge
Basket Material	Aluminum
Magnet Material	Neodymium
Magnet Weight	1.1 oz

Thiele & Small Parameters

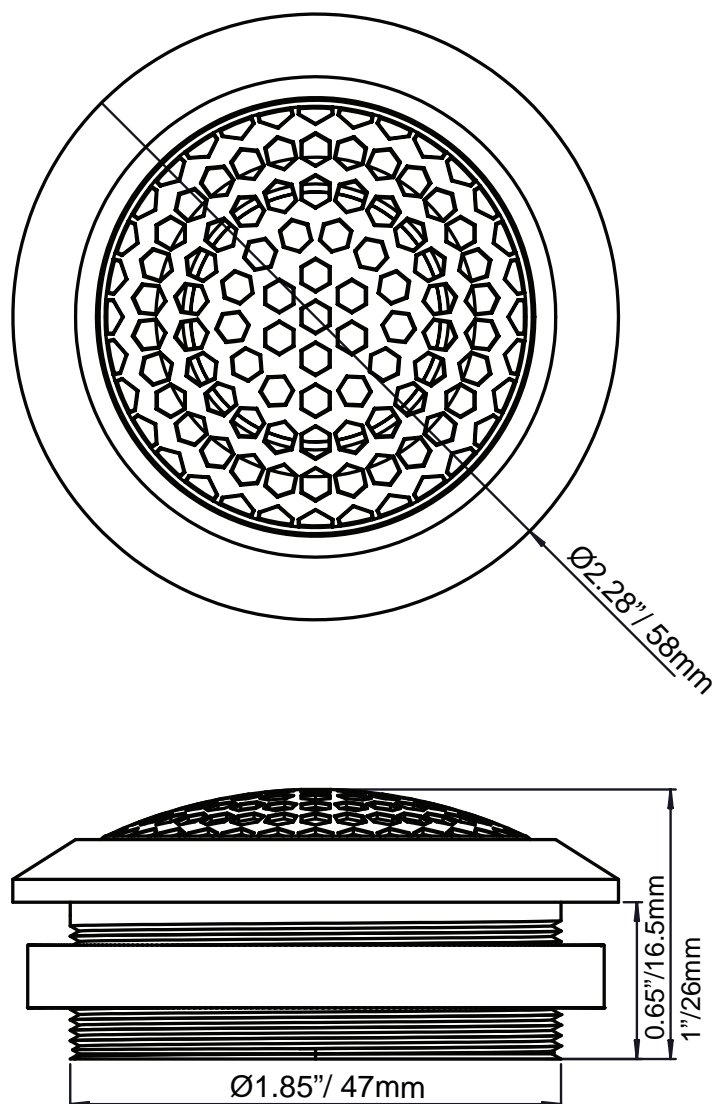
Equilant Volume	Vas	1.221L
Excursion	Xmax	2mm
Free Air Resonance	Fs	96.93Hz
Mechanical Factor	Qms	11.18
Electrical Factor	Qes	0.467
Total Factor	Qts	0.448
Moving Mass	Mms	3.956g
Compliance	Cms	0.681mm/N
Force Factor	BL	4.159
Voice Coil Inductance	Le	0.0706 mH
Diaphragm Area	Sd	34.212cm ²
Dc Resistance	Re	3.355 ohms
Mechanical Mass without Air	Mmd	4g

Measurements

Overall Diameter	3.6"/91.5 mm
Front Mount Baffle Cutout	3"/77 mm
Mounting Depth	1.5"/38.5 mm
Overall Depth	1.76"/44.9mm
Motor Diameter	2.16"/55mm

DX3NM MIDRANGE

DX3N TWEETER



SPECIFICATIONS:

Nominal Diameter	1.18"
Nominal Impedance	4 ohms
Peak Power Handling.....	60 Watts
Program Power Handling	30 Watts
AES Power Handling	15 Watts
Sensitivity (1W/1W)	95.2dB
Frequency Response	920Hz-20Khz
Recommended Hi Pass Crossover	3.8 KHz

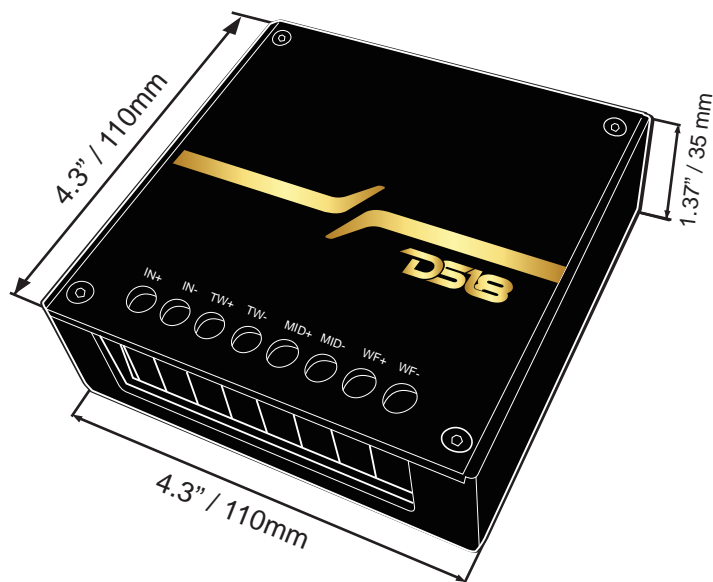
MOTOR

Voice Coil Diameter.....	0.98"/25mm
Voice Coil Former Material	KVC
Winding Material	CCAW
Diaphragm Material	Titanium
Magnet Material.....	Neodymium
Body Material	Aluminum

MEASUREMENT

Overall Diameter	2.28" / 58mm
Overall Depth	1"/26 mm
Front Mount Baffle Cutout	1.85" x 47 mm
Mounting Depth	0.65" / 16.5 mm

DX3N TWEETER



SPECIFICATIONS:

Passive Crossover Ways	3 Ways
Frequency Crossover	800Hz (Mid) 3.8 KHz (Tw)
Power Handling	300 Watts
Cut Off Slope	6dB (Mid) 12dB (Tw) / Oct
Tweeter Attenuation.....	(+/-) 3dB

FEATURES

Capacitor Type	Metac Film
Coil Type	Inductor
Terminals Type	Screw Terminal
Housing Material	ABS
Adjustments.....	Tw Att Switch
Extra Features	Spk Phase Switch

MEASUREMENT

Overall Lenth	4.3\"/>
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DX3N INSTALLATION

