

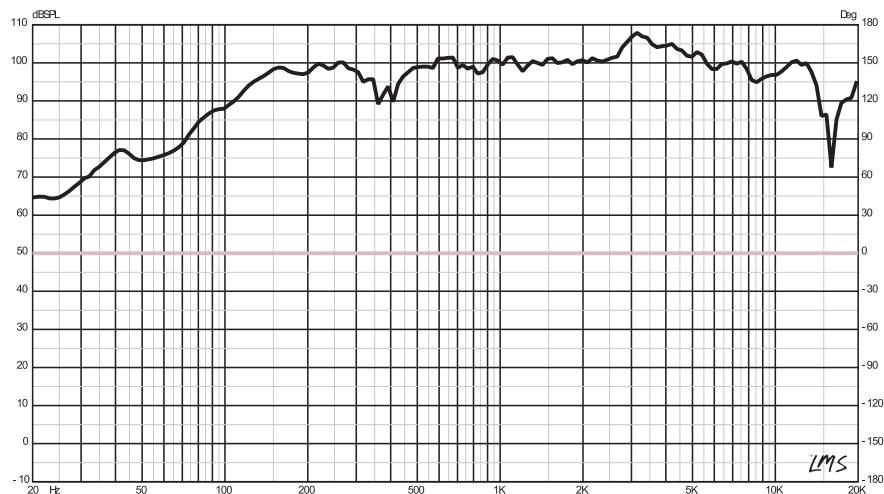
# DS18<sup>®</sup>

## PRO

### PRO-FR8NEO MIDRANGE LOUDSPEAKER 8"

RMS Power Handling: 250 Watts  
MAX Power Handling: 500 Watts  
Frequency Response: 160 - 12.5KHz  
Voice Coil Diameter: 1.5" (38.6 mm)  
Voice Coil Material: Kapton  
Nominal Impedance: 4 OHM  
Sensitivity (1W/1M): 99dB  
Magnet Weight: 34 oz  
Magnet Material: Neodymium  
Mounting Depth: 61.5 mm / 2.42"

SPL vs Freq



# DS18<sup>®</sup>

## PRO

### PRO-FR8NEO

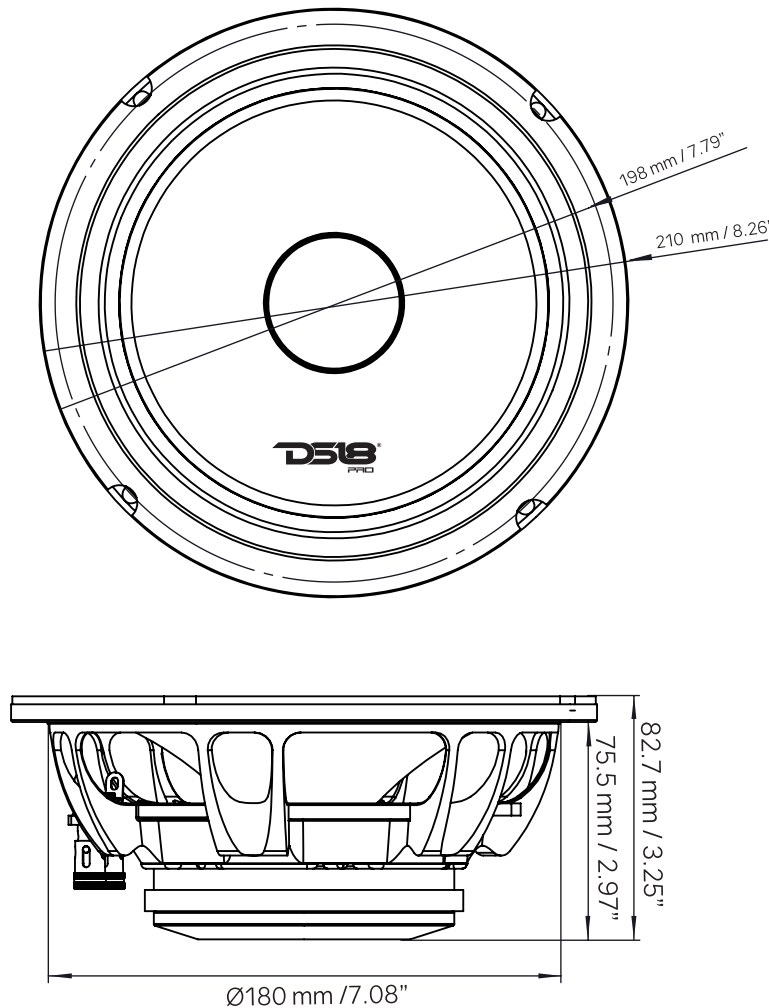
8" NEODYMIUM MIDRANGE  
LOUDSPEAKER WITH BULLET

## 4OHM



OWNER'S MANUAL

# PRO-FR8N1EO



## PRO-FR8N1EO

NEODYMIUM MIDRANGE LOUDSPEAKER WITH BULLET

### Data Sheet

#### Specifications:

Nominal Diameter	8"
Nominal Impedance	4 ohms
RMS Power Handling	250 Watts
MAX Power Handling	500 Watts
Sensitivity (1w/1m)	99dB
Frequency Response	160Hz-12.5KHz
Voice Coil Diameter	1.5" (38.6 mm)
Voice Coil Former Material	Kapton
Winding Material	KCCAW
Basket Material	Aluminum
Magnet Material	Neodymium
Recommended HI Pass Crossover	180 Hz

#### Thiele & Small Parameters:

Equivalent Volume	Vas	7.872 Ltr
Excursion	Xmax	6.8 mm
Free Air Resonance	Fs	128.77 Hz
Mechanical Factor	Qms	3.356
Electrical Factor	Qes	0.376
Total Factor	Qts	0.338
Dc Resistance	Re	3.2 ohms

#### Measurements:

Overall Diameter	210 mm (8.26")
Front Mount Baffle Cutout	180 mm (7.08")
Mounting Depth	75.5 mm (2.97")
Overall Depth	82.7 mm (3.25")