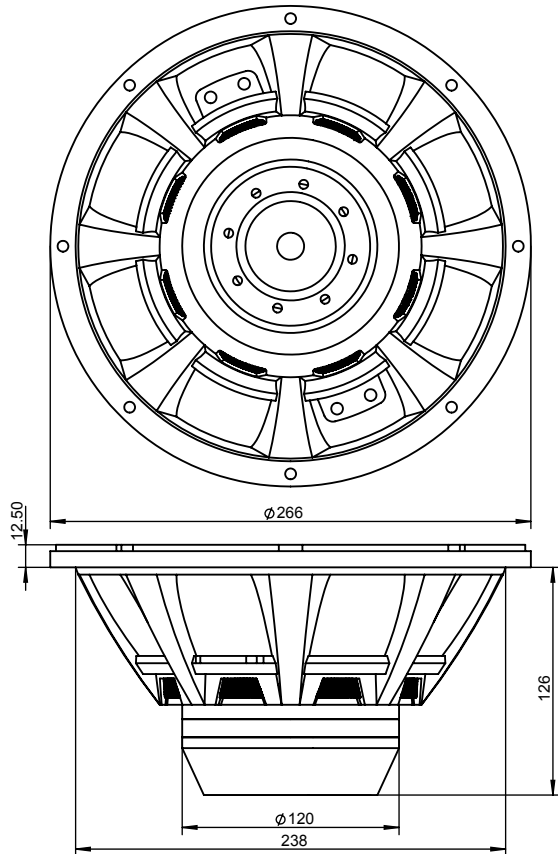




# 10" Neodymium Pro Audio Midbass Woofer

ODEUM Apollo 10N



## PARAMETERS

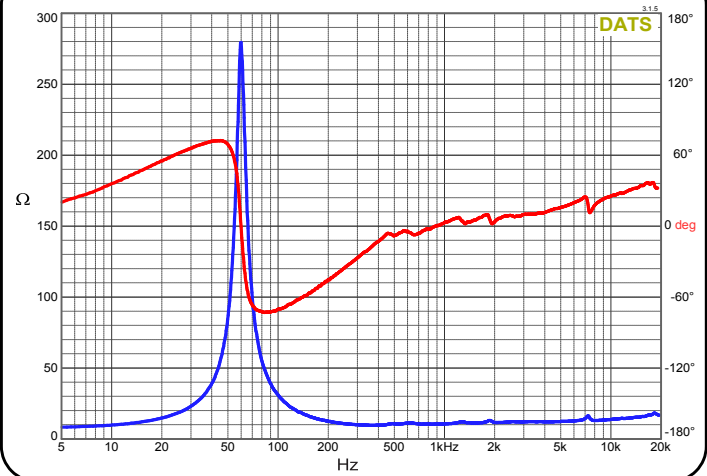
Impedance	8 ohms
Re	7.4 ohms
Le	1.12 mH @ 1kHz
Fs	60 Hz
Qms	10.64
Qes	0.27
Qts	0.26
Mms	33.2 g
Cms	0.210 mm/N
Sd	333.12 cm <sup>2</sup>
Vd	191.4 cm <sup>3</sup>
BL	18.63 Tm
Vas	32.5 liters
Xmax	5.79 mm***
Magnetic Gap Height	8 mm
VC Diameter	2.5"
VC Winding Height	14 mm
SPL	96.5 dB @ 2.83V/1m
RMS Power Handling	250 watts
Usable Frequency Range	60Hz-4.2kHz

\*\*\* Klippel verified

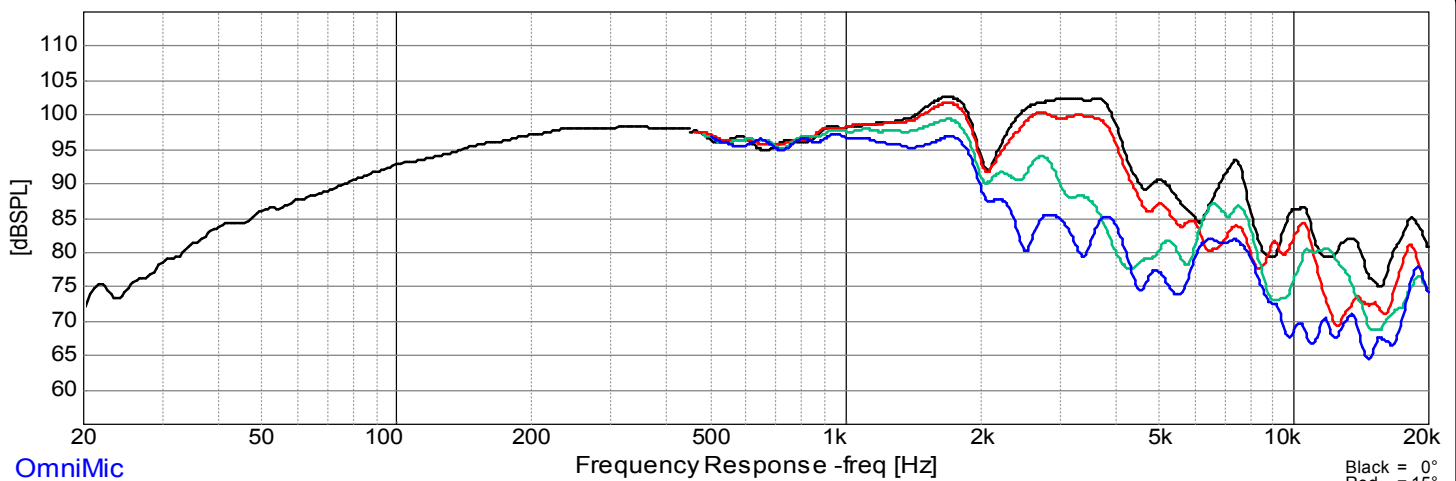
## FEATURES

- Powerful neodymium motor for superior output
- Copper inductance cap for low distortion
- Paper cone and cloth m-roll surround for high clarity, smooth response, and linear excursion for pounds of punch
- 2.5" Inside/outside wound copper voice coil lends on fiberglass former lends solid power handling capability
- Under spider and rear periphery venting allow for a cooler running voice coil
- Low Qts means high damping and smaller boxes

## IMPEDANCE/PHASE



## FREQUENCY RESPONSE



OmniMic

Note: 1/12th octave smoothing - nearfield response included in graph below 450 Hz

Black = 0°  
Red = 15°  
Green = 30°  
Blue = 45°