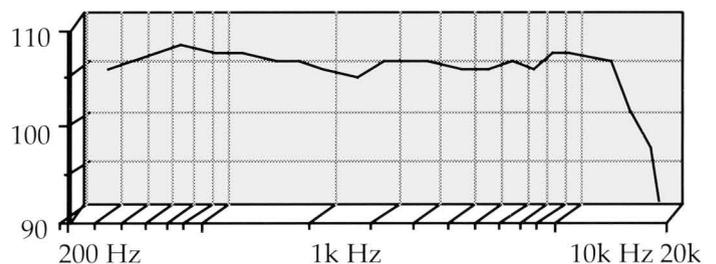


RCF HF Series High Technology N481 One Inch Exit Compression Driver



Features:

- **High Power Handling - 160 watts continuous program**
- **Extended High Frequency Response - +/- 3 dB 800 to 17,000 Hz**
- **High Tech Composite Diaphragm for unmatched durability and bandwidth**
- **Industry Standard 25 mm (1-in) Bolt On Exit**



The N481 is the direct descendant of RCF's legendary N480, the industry's first high technology compression driver that dramatically changed the standards for price vs performance. The N481 takes this tradition to new heights with improved high frequency response and increased output capabilities, while still providing the best value on the market today.

The RCF N481 boasts over 4 dB more output above 8,000 Hz than the N480 it replaces. This impressive achievement is the result of improved manufacturing tolerances and newly developed diaphragm construction techniques. Holding the magnetic assembly machining and construction to tighter tolerances enables a smaller voice coil gap resulting in higher magnetic strength (flux density). The higher flux density improves efficiency at high frequencies, lowers distortion and improves transient response. The diaphragm assembly is made on completely redesigned tools for lower mass and higher structural integrity, resulting in improved high frequency response.

The N481's unique ability to combine extended bandwidth with high power handling makes it ideally suited for use in multi element high level music playback and reinforcement systems of the highest quality. The non metallic high internal damping diaphragm gives the N481 a very musical sound character that cannot be matched by competitive units.

N481 Specifications

Exit Throat Diameter:	25mm (1-in)
Frequency Range:	800 to 20,000 Hz - 10 dB
Frequency Response:	800 to 17,000 Hz +/- 3 dB
Power Handling	
Long Term Sine Wave:	40 watts >800 Hz 80 watts >1200 Hz
Continuous Program:	80 watts >800 Hz 160 watts >1200 Hz
Nominal Impedance:	16 Ohms
Sensitivity:	107 dB SPL 1w@1m
Nominal Efficiency:	22%
Recommended Crossover:	≥800 Hz 18dB/octave ≥1200 Hz 12dB/octave
Diaphragm Material:	Reinforced Composite Material
Voice Coil Diameter:	44 mm (1.75-in)
Flux Density:	19,500 gauss
Max Diameter:	146mm (5.7-in)
Total Depth:	68mm (2.67-in)
Net Weight:	3.2kg (6.8 lbs)



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