Features

- Small Format Wide Bandwidth Compression Driver
- 1” Exit Diameter
- 120 Watts Peak Power Handling
- Titanium dome, Mylar Surround
- Bolt On Mounting

Applications

The P Audio SC3-N is a very high performance small format compression driver with enhanced time domain response. The SC3-F features an optimized geometry PET suspension coupled to a titanium dome. The diaphragm assembly is a nominal 1.35 inch (34mm) diameter. The exit diameter is an industry standard 1 inch (25.4mm) diameter. The driver features a finite element optimized Neodymium magnetic assembly that provides extended high frequency response and bandwidth. The high magnetic energy insures elevated thermal reliability and reduced high frequency power compression as well as extended high frequency content.

The PET suspension material offers both excellent amplitude response characteristics and superior time domain response. The result is substantially improved clarity thru the upper vocal range. The rated bandwidth is 1500Hz to 20kHz. The minimum recommended crossover frequency 1800Hz.

The SC3-N utilizes a colloidal suspension in the magnetic gap to substantially improve system time domain response. The result is superior mid band intelligibility and improved reliability.

The SC3-N is rated at 1200 watts of peak power handling (30 watts continuous) and includes standard bolt on mounting. The SC3-N is compatible with many P Audio high frequency horns as well as commonly available horns. The SC3-N is an excellent high frequency driver for high performance two way and three way sound reinforcement systems.

Frequency Response and Impedance Curve

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General Specification

- Throat diameter: 25.4 mm / 1 in
- Peak Power: 120 W
- AES Power: 30 W
- Nominal impedance: 8 Ohm
- Sensitivity (1W/1m): 107 dB
- Frequency range: 1500 - 20000 Hz
- Recommended min. crossover (12dB/oct): 1800 Hz
- Magnet type: Neodymium
- Diaphragm material: Titanium
- Surround material: Mylar
- Voice coil diameter: 34.4 mm / 1.35 in
- Voice coil material: AL-R
- Mounting type: Bolt On
- Overall diameter: 90 mm / 3.5 in
- Mounting hole diameter: 4xM6 PCD 76.2 mm

Unit weight: 0.8 kg / 1.8 lb
Shipping weight (12 pcs): 12.1 kg / 26.7 lb
Packaging dimension: 262x275x85 mm
WxDxH: 10.3x10.8x3.4 in