

The 745NEOPB, a 1.4" exit throat neodymium compression driver with ultra-low distortion, produces extremely clean high-frequency sound.

The 745NEOPB's wide frequency response range (500 Hz - 20 kHz) and 105 watt AES power handling capacity make it ideal for live sound applications that require clear, transparent high frequencies at extreme SPL levels.

The Radian 745NEOPB utilizes a three-slit phase plug with proprietary Mylar[®] diaphragm suspension and a pure aluminum dome, greatly reducing 2nd and 3rd harmonic distortion. The result is an extremely clean, less psycho-acoustic fatiguing sound.

Additional features include a 3" voice coil for high power handling capacity and 8 or 16-ohm impedance rating, very low magnetic stray field energy and a light weight of 4.6 lbs./2.09 kg.

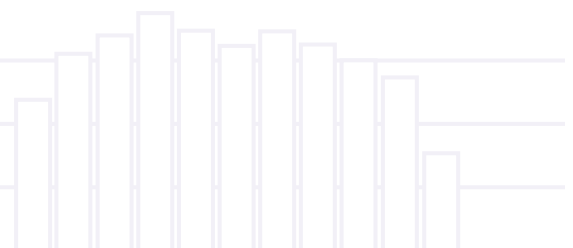
The 745NEOPB makes a perfect choice for a line array product line. The ultra light weight and small size of this driver allows for multiple compression drivers to be installed on the same horn.

This model Radian compression driver has the normal and extra bolt pattern that will fit both standard and modified bolt patterns used by some other manufactures.

(See the diagram on page two)



- ✓ WIDE FREQUENCY RESPONSE
- ✓ MYLAR SUSPENSION
- ✓ 3" VOICE COIL
- ✓ ULTRA -LOW DISTORTION
- ✓ HIGH POWER HANDLING
- ✓ 210 WATTS PROGRAM POWER



745 NEOPB

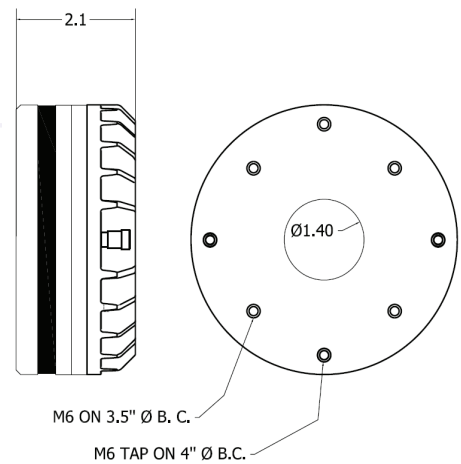
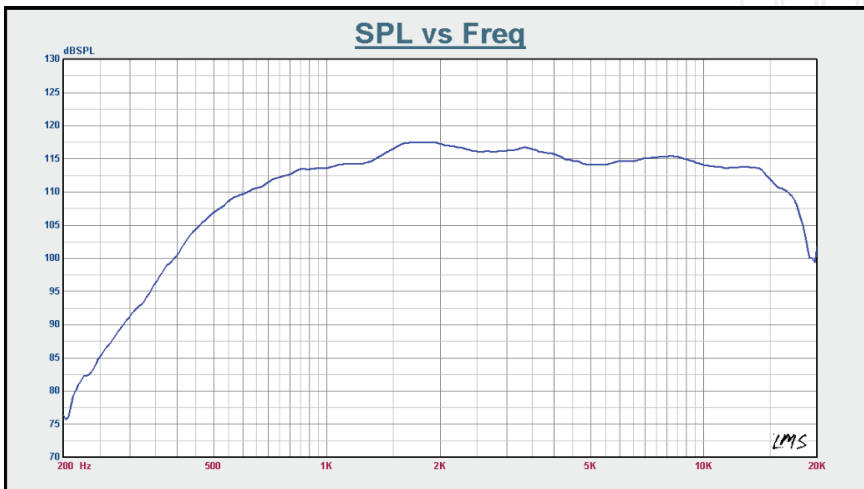


1.4" NEODYMIUM COMPRESSION DRIVER

SPECIFICATIONS

FREQUENCY RESPONSE	500 Hz – 20 kHz
MAXIMUM POWER HANDLING	105 watts AES/ 210 watts program
SENSITIVITY *	115 dB
RECOMMENDED CROSSOVER	900 - 2000Hz
NOMINAL IMPEDANCE	8 or 16 ohms
VOICE COIL DIAMETER	.3"
THROAT DIAMETER	1.4"
DIAPHRAGM MATERIAL	Aluminum
MAGNET	Neodymium
FLUX DENSITY	20,000 gauss
INPUT CONNECTOR	Gold-plated push button
DIMENSIONS	4.67" diameter x 2.1" high
NET WEIGHT	4.6 lbs., 2.09 kg
SHIPPING WEIGHT	6 lbs., 2.72 kg

*One Watt, One Meter



Specifications subject to change without notice.

LIMITED WARRANTY

Radian Audio Engineering, Inc. products, when sold domestically, are guaranteed for a period of five (5) years from the date of original purchase against malfunctions due to defects in workmanship. If such a malfunction occurs, the product will be repaired or replaced at our option, without charge, if delivered prepaid to the factory. Product will be returned prepaid via ground transport. This warranty does not extend to damage resulting from improper installation, misuse, neglect or abuse. The warranty does not apply to external finish or appearance. The warranty does not apply to burnt voice coils. In no event shall Radian Audio Engineering, Inc. be liable for incidental or consequential damages including, without limitation, injury to persons or property or loss of use.

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