# S P E C I F I C A T I O N S


## Model RX™14 High Frequency Compression Driver

**SPECIFICATIONS**

**THROAT PARAMETER:**
.938" (23.8 mm)

**NOMINAL IMPEDANCE:**
8 ohms

**MINIMUM IMPEDANCE:**
7.1 ohms

**DC RESISTANCE:**
6.8 ohms

**POWER CAPACITY (1 kHz to 20 kHz):**
120 watts peak
60 watts program
30 watts continuous

**SENSITIVITY:**
104 dB SPL, 1 watt at 1 meter on-axis on a $90^{O}$ H X $45^{O}$ V horn

**NOMINAL EFFICIENCY:**
30%

**FREQUENCY RESPONSE:**
1.5 kHz to 20 kHz

**RECOMMENDED CROSSOVER:**
2 kHz at 12 dB/Octave

**LOWEST RECOMMENDED CROSSOVER:**
1.5 kHz at 12 dB/Octave

**DIAPHRAGM:**
Commerically pure titanium

**VOICE COIL DIAMETER:**
1.4" (34.4 mm)

**VOICE COIL MATERIAL:**
Copper-clad aluminum wire with a high temperture Kapton bobbin

**FLUX DENSITY:**
11,500 gauss (1.15T)

**DIMENSIONS:**
3.54" (90 mm) diameter x
2.40" (61 mm) depth

**HORN COUPLING DIAMETER:**
.938" (23.8 mm)

**HORN COUPLING THREADS:**
Standard 1 3/8" to 18"

**NET WEIGHT:**
33.6 oz.

**SHIPPING WEIGHT:**
38 oz.

**DESCRIPTION:**
The RX14 compression driver is designed for excellent driver performance, reliability and power handling. With over 25 years experience in compression driver design and manufacturing, Peavey is proud to add the all-new RX14 compression driver to its transducer line.

**MECHANICS:**
The RX14 is capable of higher power handling than most smiliar-sized compression drivers and incorporates a 1.4" voice coil. The RX14 is designed with a solid one-piece titanium diaphragm and a Kapton high-temperature coil former with copper-clad aluminum coil wire for an increase in the overall motor efficiency. The one-piece titanium diaphragm reduces the amount of moving mass, extending the high frequency response of the driver. Ferrofluid cooling is used in the RX14 for improved reliability and smoother frequency response.

Every RX14 driver is subjected to a complete series of computer-based tests designed to ensure total adherence to specifications.

**APPLICATIONS:**
The RX14 has been designed and engineered for use with Peavey horns. However, any horn may be used as long as it consists of a standard 1 3/8" – 18 standard thread coupling. The RX14 is an excellent choice for upgrading an older system at minimal expense.

**DESIGNER NOTES:**
The RX14 driver is designed for use between the frequencies of 1.5 kHz to 20 kHz. However, in our experience as crossover designers for commercial applications, optimum driver performance and reliability can be achieved if the engineer limits the crossover design to 2 kHz as compared to the 1.5 kHz lower limit of the driver.

**INSTALLATION-DIAPHRAGM LIMITED WARRANTY:**
Peavey Model RX14 compression drivers are warranted to the original purchaser to be free from defects in materials and workmanship for 1 year after purchase date. Warranty status shall be determined by the authorized Peavey dealer or by Peavey upon inspection of inoperative unit at the factory. See warranty sheet for details.

Features and specifications subject to change without notice.

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