

RBN™ 112



OVERVIEW

Driven by a highly efficient power amp, RBN™ 112 speaker enclosures combine best-in-class audio quality with Peavey's legendary reliability. Ribbon drivers have been used in studio environments for decades, and Peavey developed a way to apply this high-quality sound technology to live applications resulting in a crystal-clear sound that no traditional compression driver can rival. To match the high-frequency performance of Peavey's ribbon driver, RBN™ 112 enclosures are equipped with dual voice coil neodymium Scorpion® speakers, which feature Peavey's exclusive field replaceable basket technology. Completely user-friendly, the speaker system features internal presets built into the 96K DSP, allowing users to quickly select the speaker's application or orientation via the LCD on the rear of the enclosure.



Proprietary 120mm True Ribbon High Frequency Driver on a low-coloration wave guide. The true ribbon tweeter construction results in a diaphragm moving mass that is about 1/10 that of a typical 2" diameter voice coil compression driver. This provides the excellent transient response and exceptional clarity that the audience hears and appreciates.



12" NEO Scorpion® Loudspeaker Dual push/pull 2.5" voice coils allow greater power handling with lower distortion and deliver overall improved performance over conventional loudspeaker designs. Gold-plated terminals.

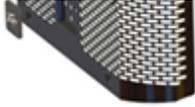


Symmetrical Push-pull Neodymium Magnet Structure
Outstanding frequency and low self-order distortion

1,500 Watt Power Amp Competitors claim 1,000 watts while only delivering a fraction of the power. Peavey's exclusive and purpose built power amplifier provides **REAL** rated power for professional sound reinforcement applications.



ADVANCED 96K DSP The ADC and DAC Sampling frequency is 96



Outstanding linearity and low even-order distortion performance.
Ram Air Cooling™ Design Radiates heat away from the voice coil and speaker cone.

Low sampling frequency is 20 kHz, which provides a more accurate and faithful rendition of the material, with wider bandwidth and less time smear.

FEATURES

- Two-way, bi-amplified, optimized loudspeaker system
- On-board advanced digital signal processing
- Direct-thru output with combine function
- Digital compression/limiting
- Processed-thru output enables DSP to be used with external subwoofer
- Dual voice coil neodymium Scorpion® woofer with field replaceable basket assembly
- Delay 0-150ms
- Power amp VU meter with LCD display
- 9-band EQ
- Two channel XLR/1/4" combination inputs
- Bass enhancement
- Setup Wizard for easy configuration
- Mic/line level selection
- Program EQ presets
- Proprietary 120mm true ribbon high frequency driver on low-coloration wave guide
- Side and top handles
- 1,500 Watts peak power output
- Ultra-braced molded enclosure
- Internal temperature monitor
- Multiple side and top fly points
- Auto-off power/power down
- Weight Unpacked: 39.02 lb(17.7 kg)
- Weight Packed: 48.50 lb(22 kg)
- Width Packed: 18"(45.72 cm)
- Height Packed: 27.5"(69.85 cm)
- Depth Packed: 18"(45.72 cm)