

Radian's RP Series of full-range coaxial monitor loudspeakers are designed specifically for touring/ portable sound systems. The full-range RPX-112P, a passive coaxial speaker, and the RPX-112B, a bi-amp model, are loaded with a 12" low-frequency woofer and 2" exit compression driver and are designed for high-output live playback.

The RPX-112P/B are dedicated low sightline floor monitors. The RPX-112P passive monitor utilizes a 12 dB per octave crossover network centered at 1,250 Hz. The RPX-112B is a bi-amp monitor, for which a 1,000 Hz at 24 dB crossover is recommended.

Unlike traditional multi-way loudspeaker systems that employ separate low frequency speakers with compression driver/horn combinations, Radian coaxial loudspeaker systems present all frequencies to the audience from one coherent source. This single-point source system eliminates the problem often associated with "time smear" in which the sound coming from the low-frequency component arrives at the listener's ear earlier or later than the sound emanating from the horn/driver combination.

Radian loudspeaker systems' conical dispersion patterns utilize the low-frequency cone as an extension of the high-frequency compression driver to provide clean, transparent reproduction of both music and speech with lower distortion than most asymmetrical high-frequency horns.

Construction is of 3/4" 13-ply Baltic birch protected with Radian's exclusive scratch-resistant, waterproof Duradian™ finish.



- ✓ **COMPACT, PORTABLE**
- ✓ **TRUE POINT SOURCE**
- ✓ **500 WATTS RMS**
- ✓ **90° CONICAL DISPERSION**
- ✓ **DURADIAN™ FINISH**

# RPX-112P/B



PROFESSIONAL SERIES: 12" TWO-WAY HIGH OUTPUT STAGE MONITOR SYSTEM

## SPECIFICATIONS

FREQUENCY RESPONSE . . . . .	60 Hz ÷ 15 kHz
POWER HANDLING . . . . .	500 watts RMS
SENSITIVITY . . . . .	96 dB
IMPEDANCE** . . . . .	P = 8 ohms, B = 8 ohms LF, 8 ohms HF
MAX SPL . . . . .	123 dB continuous, 129 dB peak
NOMINAL DISPERSION . . . . .	90¼ Conical
DIMENSIONS(HWD) . . . . .	14-1/2" x 23" x 12-3/4", 368 x 584 x 324 mm
ENCLOSURE CONSTRUCTION . . . . .	3/4" 13-ply Baltic birch with perforated steel grills and handle
INPUT CONNECTORS . . . . .	Dual Neutrik NL4 Speakon
STANDARD FINISH . . . . .	Scratch-proof, waterproof black Duradian™
NET WEIGHT . . . . .	63 lbs., 28.6 kg
SHIPPING WEIGHT . . . . .	70 lbs., 31.8 kg

\*One Watt, One Meter

\*\* P = Passive only B = Bi-amp only



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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