

The Pro-32 is a co-planar ribbon array system that is a breakthrough in high-performance indoor and outdoor loudspeaker technology. The patented planar ribbon drivers incorporated in the Pro-32 provide various options for vertical dispersion, allowing for a variety of system architectures and solutions.

The Pro-32 concept is based on a woofer line array, front mounted in an extruded aluminum enclosure, with a coaxially-positioned planar ribbon tweeter array. The array of woofers and tweeters creates a wave front that equates to a line source acoustic pattern. This true line source behavior (cylindrical wave radiation) is due to precise coupling of the transducers. This means better control over vertical dispersion and slower loss of acoustical energy over distance.

The Pro-32 can be used to solve a variety of design problems. They can be used outdoors for backyard home theaters or as outdoor music systems where the ability to have a long throw and wide coverage is required. They can be used indoors for larger meeting rooms, classrooms, churches and boardrooms.

Articulated or Straight

The Pro-32 comes in two versions. The Pro-32A model incorporates an internally articulated ribbon driver element permitting wider vertical dispersion at one end of the array, such as covering front rows of seating close to the speakers' position. The Pro-32 model maintains a straight ribbon driver element which has controlled vertical dispersion on both ends of the speaker.

Threaded inserts on the back of the enclosure permit a variety of mounting options. They can be stacked to create lower frequency line source behavior and longer throw distances. All versions are usable in extreme weather conditions found outdoors. Color options are either black or white.

- Proprietary planar ribbon high-frequency line source system with unsurpassed sound quality
- True Line Source - 3 dB loss per doubling of distance as opposed to the 6 dB loss of conventional point source loudspeakers
- Reduced ceiling and floor reflections – dramatically improved speech intelligibility
- Extremely wide 120 degree horizontal coverage
- Efficient – 94 dB with power handling up to 300 watts for very high output levels
- Weather resistant



Pro-32B shown above





Pro-32BA shown above

» GENERAL PARAMETERS: Pro-32B / Pro-32W and Pro32BA / Pro-32WA

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| Operating Range (-6 dB, 1/2 space conditions) | 70 Hz to 20 kHz |
| Sensitivity¹ (1 W/ 1 m) | 94 dB |
| Horizontal Coverage Angle² (-6 dB) | 120 Degrees |
| Vertical Coverage Angle | Pro-32B, Pro-32W – defined by height of the array Pro-32BA, Pro-32WA – 5 degrees below bottom of array |
| Power Handling³ | 300 Watts RMS |
| MAX SPL (calculated @ 1 Meter) | 118 dB Continuous / 124 dB Peak ⁴ |
| Recommended Amplifier Power for Max Output | 600 Watts |
| Nominal impedance | 6 Ohms |
| Crossover frequency | Internal Passive at 2000Hz |
| Transducers | |
| High-frequency | 9 x 3" Planar Ribbon Drivers (NEO-3) |
| Low-frequency | 6 x 5.25" Long-throw polycarbonate cone woofers |
| Input Connections | NL4 + Barrier Strip |
| Dimensions (H x W x D) | 32.25" x 7.52" x 7.87" |
| Enclosure | Extruded aluminum |
| Weight | 30 pounds |
| Mounting | 4 threaded inserts for mounting hardware 1 position using 4 threaded insert for 3rd party hardware ⁵ |
| Optional Accessories | 940230 Enclosure to Enclosure Coupling Brackets – Black 940231 Enclosure to Enclosure Coupling Brackets - White |
| Finish Options | Textured powder coating in black or white (white paintable) |



1. Full bandwidth pink noise is applied and amplified to a specified level and measured at the loudspeaker terminals – corresponding to 1W as referenced to the loudspeaker's nominal impedance. SPL is measured in an anechoic environment in the loudspeaker's far field. Data is extrapolated to 1 meter distance from the loudspeaker. Please note that the predicted device SPL at distance using inverse square law calculations will produce inaccurate results due to cylindrical wave radiation pattern.
2. Averaged from 500 Hz to 8k Hz
3. Conforms to AES2 – 1984 (r1997) method
4. Radia Pro planar ribbon technology has the ability to produce double the peak capacity (12dB) above the RMS value to that of conventional transducers. 12 dB peaks with durations of 200 milliseconds are possible. This means better transient response without power compression.
5. Pro-32 can be mounted using either Omnimount™ 60-Series or Allen Mounts™ MM-022 hardware. When two or more Pro-32s are fastened together using the coupling brackets (optional accessory) the rear bottom pair of attachment points align with the rear top pair of the enclosure below, creating an additional 3rd party bracket mounting point.

For More Information

To find out more about BGRADIA products and solutions, visit www.BGRADIA.com.

Pro-32B – Black Enclosure
Pro-32W – White Enclosure

Pro-32BA – Black - Articulated
Pro-32WA – White - Articulated