

OPA-181SP

The OPA-181SP is a single 18-inch high-output, low frequency subwoofer system. The OPA-181SP features multiple M10 rigging points that allow for either vertical or horizontal eyebolt suspension. The enclosure is designed for bi-amp applications and is optimized for use between 35Hz and 80Hz. Maximum system performance is achieved when 4th order filters are implemented. The recommended crossover frequency is between 80Hz and 100Hz.

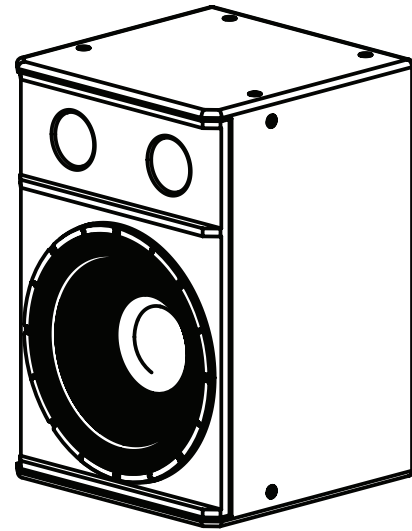
The OPA-181SP is an ideal complement to On Point Audio's full range enclosures, such as the OPA-12, the OPA-15YNP, and others.

The system utilizes a rectangular enclosure geometry. This geometry provides increased low-frequency response, due to its larger internal volume, as compared to a conventional trapezoidal enclosure.

The OPA-181SP Sub is intended for use in professional applications only. The On Point Audio OPA-181SP Sub features a void free plywood enclosure. The 18-inch (457mm) low frequency transducer offers excellent power handling and extended linear excursion.

The input section consists of a single four position barrier strip. The nominal system impedance is 8 ohms.

The enclosure is built with high strength void free plywood and finished in On Point Audio's Power Coat polyurea resin system.



FEATURES

- » Rectangular enclosure with multiple M10 rigging points.
- » High-performance 18-inch woofer with large-format 4-inch voice coil.
- » Vented design delivers usable response to 35 Hz DSP Signal Processing
- » Rated SPL max output 133dB (half space acoustic environment)
- » 130 dB / 127 dB max SPL (Peak / Continuous)
- » Void free multi-plywood enclosure with wear-resistant Power Coat polyurea finish.

SPECIFICATIONS

System Type:	Optimally-vented 18-inch subwoofer	LF Driver:	NP18 18-inch
Frequency Range (-10 dB):	30 Hz - 80 Hz	Dimensions (H x W x D) inches:	31 x 20.759 x 20.79 in
Frequency Response (-3 dB):	35 Hz - 80 Hz	Dimensions (H x W x D) mm:	788.1 x 528.1 x 528.1 mm
Power Rating (Peak / Continuous):	3,200 / 800 watts	Dimensions (H x W x D) mm:	831 x 500 x 530
Coverage Pattern:	Essentially Omnidirectional	Enclosure Material:	Void Free Plywood
Nominal Impedance:	8 ohms	Net Weight:	93.5 lb / 42.2 kg
Half-Space Loaded System Sensitivity:	98 dB		
Rates Max SPL:	133dB (half space acoustic environment)		
Calculated Output Capability (peak / continuous):	133 dB / 127 dB		

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