

opa SUB ACTIVE

onpointaudio™
Acoustic Excellence™



- Powered 18-inch subwoofer with 2,000 watt peak Class D amplifier built in
- Built-in digital signal processing module with custom-tuned EQ, crossover, and dynamics parameters that deliver maximum sound quality and output
- Includes heavy-duty casters to make moving easy and an adjustable-height mounting pole for suspension of full-range systems
- 80-Hz high-pass output for creating 3-way tri-amped system with OPA 10 Active or OPA 15 Active. 3-pin XLR-type input and output for easy signal routing
- High-performance 18-inch woofer with large-format 4-inch voice coil
- Heavy-duty marine-grade plywood enclosure with wear-resistant Polyurethane finish

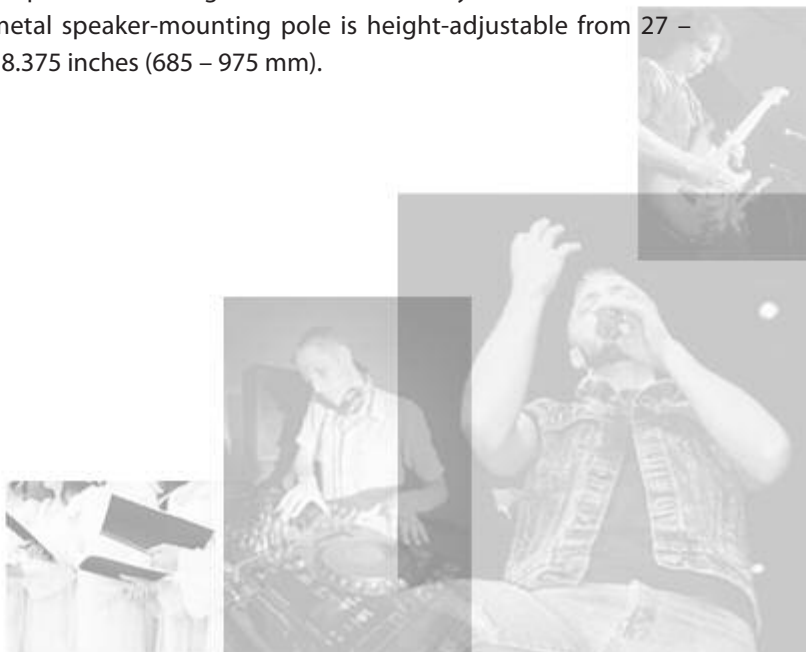
The On Point Audio OPA-Sub Active is a self-powered 18-inch (457-mm) professional subwoofer system. The Sub Active's amplifier module is a full class-D topology that features on-board DSP to create high-order active Linkwitz-Riley crossover filters and parametric equalization. The amplifier's active filter section also creates a filtered output optimized for driving the OPA-15 Active and OPA-10 Active enclosures. The filtered output allows the OPA-Sub Active in combination with other On Point Audio Active models to be used to produce an extremely high-output, wide-bandwidth sound reinforcement system that is remarkably portable and flexible.

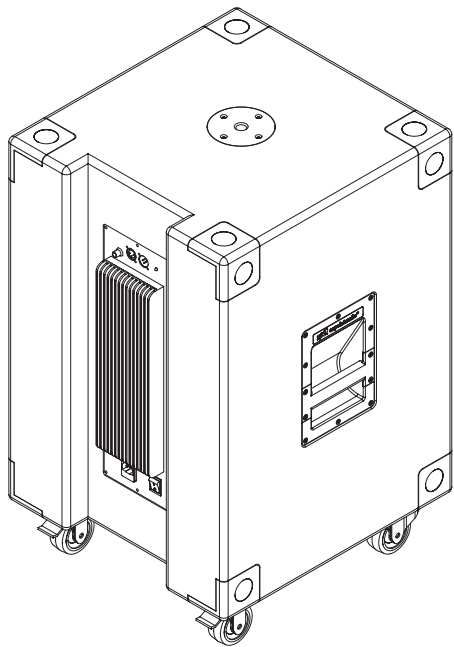
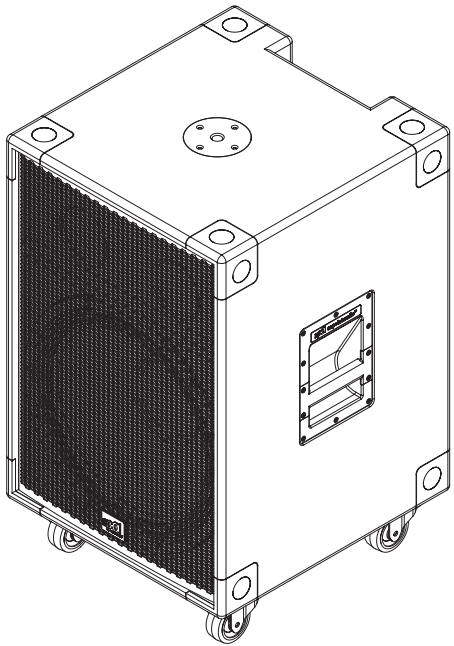
The power module features a total of 2,000 watts of peak power with a full 1,000 watts of continuous power for the 18-inch low frequency transducer. The DSP section of the amplifier module features compressor/limiter/dynamics processing that are programmed for maximum system headroom and system protection. The woofer is an 18-inch, large-format voice coil design that provides excellent power handling, low distortion and high mechanical displacement. A large-format 4-inch (101.6mm) diameter voice coil insures excellent reliability and power handling.

The vented low frequency enclosure design is further optimized to a 6th-order alignment via the on board DSP and combines low frequency response extension and very high-order ultra-low frequency filtering to increase both the system dynamic headroom and low-frequency transducer component reliability. The OPA-Sub Active features a high-quality marine-grade birch plywood enclosure

designed to provide excellent acoustic damping properties. The enclosure design also features professional-grade casters that provide a high degree of portability and ease of transportation. The vented low frequency design allows superior mechanical reliability and low distortion output at very low frequencies. The OPA-Sub Active is painted with a durable wear-resistant cosmetic finish that is an ideal match for the OPA-15 Active and OPA-10 Active and produces a very professional cosmetic presentation.

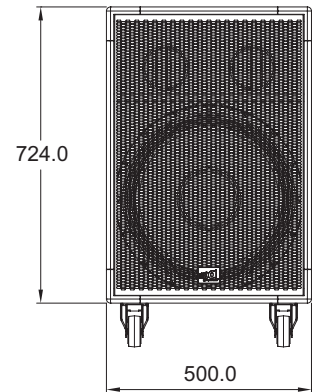
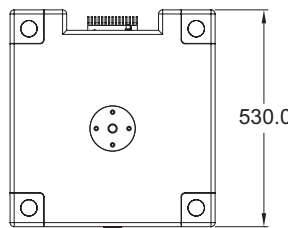
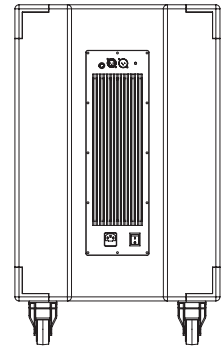
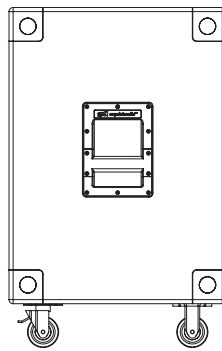
The OPA-Sub Active enclosure's design features multiple handles and a threaded metal loudspeaker socket mount. The enclosure also offers a standard high-quality metal pole adaptor that allows the OPA-Sub Active and OPA-15 Active or OPA-10 Active to be used in a "displaced stack" configuration that raises the full-range enclosure to the appropriate height to optimize the acoustic output and coverage of the combined system. The included metal speaker-mounting pole is height-adjustable from 27 – 38.375 inches (685 – 975 mm).





Specifications

System Type:	Powered optimally-vented 18-inch subwoofer
Frequency Range (-10 dB):	37 Hz - 80 Hz
Frequency Response (-3 dB):	40 Hz - 80 Hz
Coverage Pattern (H x V):	Essentially omnidirectional
System Power (Peak Continuous):	2,000 / 1,000 watts
Crossover Frequency / Type:	80 Hz High-Pass / Linkwitz-Riley
LF Driver:	NP18N 18-inch
Rated Max SPL (Peak / Continuous):	130 dB / 127 dB
Included Accessories:	Deluxe casters, adjustable-height mounting pole
Dimensions (H x W x D) inches:	32.72 x 19.69 x 20.87 in
Dimensions (H x W x D) mm:	831 x 500 x 530 mm
Enclosure Material:	Marine-grade birch plywood
Net Weight :	85 lb / 40 kg



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