

ARCLINE 118

COMPACT TOURING 18" NEODYMIUM SUBWOOFER 1500 W AES 8 ? CARDIOID CONFIGURABLE

Powerful and sustainable performance in a compact footprint.

The Arcline 118 is a next-generation touring subwoofer built to deliver high SPL performance while remaining easy to transport and deploy. The 18" high-power neodymium driver ensures deep and punchy low-end extension down to 32 Hz, with optimal thermal and mechanical handling for professional use.

Advanced acoustic design.

Thanks to hyperboloid porting optimised via FEA modelling, the system drastically reduces port noise and air turbulence, maintaining clean and controlled bass output even at high levels.

Road-ready and highly configurable.

With a new ergonomic handle cup design and truck-friendly external dimensions, the Arcline 118 is made for fast deployment and reduced labour. It can be arrayed in multiple setups, including cardioid configurations, and paired seamlessly with the Arcline 218, making it a highly flexible solution for high-powered touring systems.



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HIGHLIGHTS



TRANSPORT-FRIENDLY AND RUGGED BUILD

Featuring a new ergonomic handle cup design and external dimensions optimized for efficient truck packing, this subwoofer is built for the road. The rugged TourCoat polyurea finish ensures durability in demanding environments.

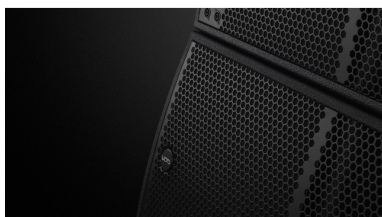
FLEXIBLE ARRAY CONFIGURATIONS, INCLUDING CARDIOID

The Arcline 118 can be used individually or in arrayed setups, including cardioid configurations for directional low-frequency control. It is also compatible with the Arcline 218, making it ideal for scalable sound reinforcement systems.



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FEA-OPTIMISED CABINET AND HYPERBOLOID PORTING

Extensive Finite Element Analysis has been applied to both cabinet and port design, significantly reducing port turbulence and unwanted air noise. This results in more accurate, cleaner low-frequency reproduction even at high output levels.

FRONT AND REAR SPEAKON CHASSIS

SpeakON inputs and outputs on both the front and back of the chassis for modular management that is accessible from any angle.



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PRODUCT DETAILS

KEY FEATURES

Array-dependent dispersion: the directional response of the system is not fixed but depends on the configuration of the elements in the array, allowing the user to shape the wavefront according to the environment and the specific needs of the project.

High efficiency with low distortion: with a sensitivity of 97 dB at 1W/1m and a continuous output capability of 128 dB, the Arcline 118 delivers high sound pressures without sacrificing definition or timbral clarity, even under the most critical conditions.

Vertical mounting stand: equipped with two M20 top hat inserts, it allows versatile use as a base for mounting other elements (e.g., full-range or mid-top) directly above the subwoofer, improving the vertical coherence of the system and simplifying setup in small spaces.

Versatile wiring with front and rear inputs: the double set of speakON™ NL4 connectors (front and rear) allows great flexibility in system configurations, facilitating integration into cardioid arrays or installations with complex wiring.

SPECIFICATIONS

Frequency response	32 Hz - 200 Hz ±3dB
Efficiency	97 dB 1W/1m
Nominal impedance	8 ?
Power handling	1500 W AES
Maximum output	128 dB cont, 134 dB peak
Driver configuration	1x 18” LF neodymium
Dispersion	Array dependant
Connectors Front	2x 4-pole speakON NL4 Rear
Weight	55 kg (121.3 lbs)
Finish	Textured ‘TourCoat’ polyurea

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Rigging	2x M20 top hat
Dimensions (W x H x D)	827mm x 565mm x 672mm
Colors	Black