

APPLICATIONS

Active subwoofer for reinforcement of low frequencies in any professional audio system, live music, touring, and big disco.

AUDIO

Class D module, supplies up to 1500 W rms, assuring wide dynamics and very low distortion, even in harsh conditions.

IM185S active analogic controller (switchable in/out for use with external controllers) acts as crossover and as limiter for the loudspeakers protection, thus granting the maximum audio fidelity for an agreeable and well focused listening.

Perfect electro-acoustic and mechanical integration for high performance and long-term reliability.

COMPONENTS

Thanks to the co-operation of many important manufacturers AudioFactory offers state of the art technical components.

18" Loudspeaker, neodymium magnet with 5" coil with double winding and long excursion.

Low distortion even at the highest powers thanks to the ring control system and to the "double silicon spider" which assures a constant and linear excursion.

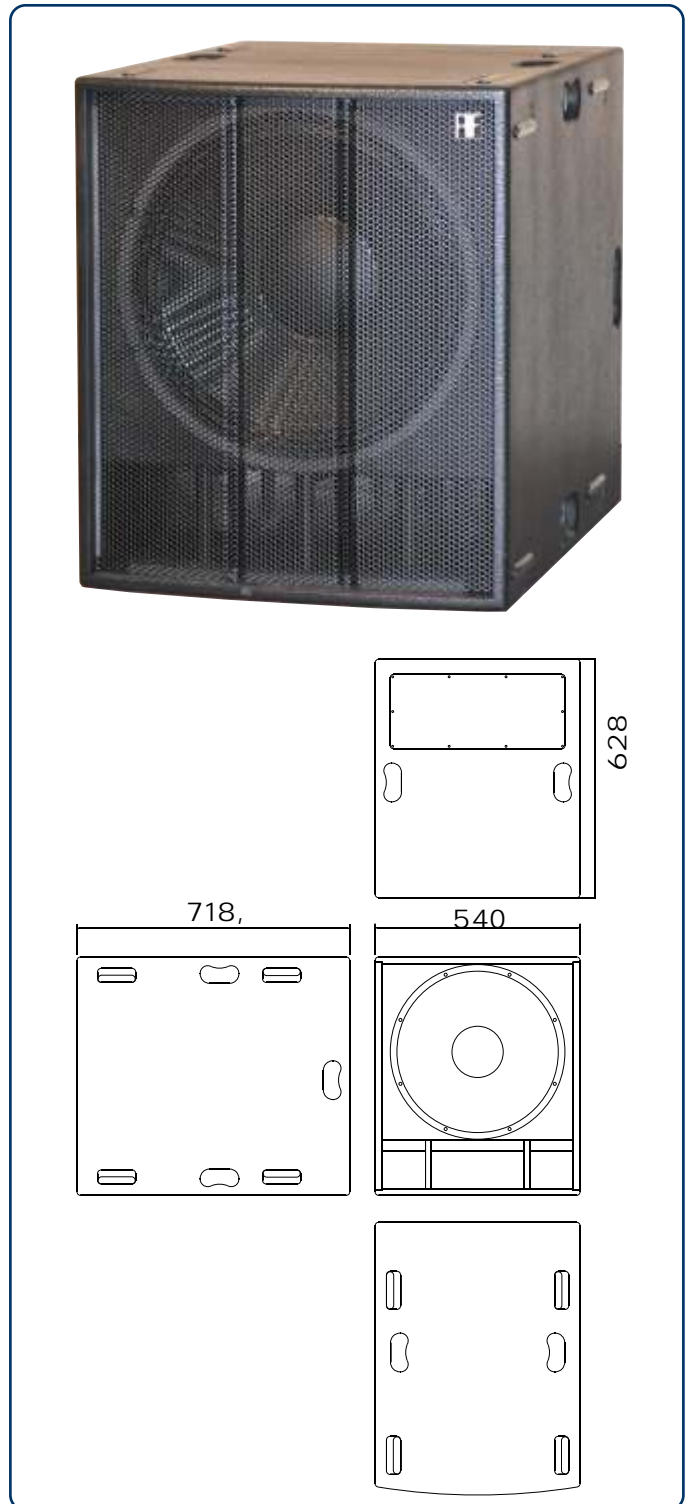
The cone is treated with a water-proof processing in order to work in the toughest conditions even outdoor.

Large aluminium heatsink ensure thermal stability.

DESIGN

IM185S is a compact subwoofer unit for professional applications. The cabinet can be placed both in vertical or horizontal position and it is easily paired and piled up by means of sixteen rubber stick and proper seatings on four sides.

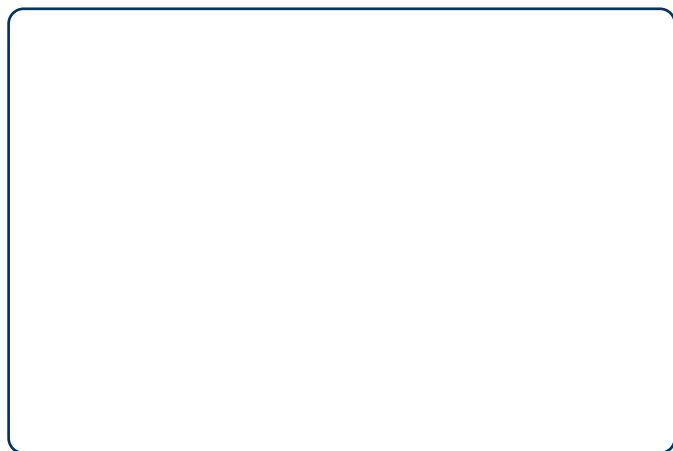
Rated Power:	1500W (4ohm)
Maximum SPL	129 db
Freq Response:	22.5/110 Hz (-3db)
Weight:	52 Kg



Integrated Module IM185S



preliminary data-sheet preliminary data-sheet preliminary data-sheet



CONSTRUCTION

The cabinet is constructed from 18 mm multi-laminate birch plywood with reinforcements and joints on the junctions.

A2 inox steel screws.

16 anti-scratch skidproof rubber stick.

Six ergonomic built-in handles.

Grille of 15/10 galvanized iron sheet EPX painted with reinforcement fold

FINISH

AudioFactory IM185S is available with a structural water based black paint, half matt, scratchproof, which, if needed, can also be painted over with a different water based paint; after that it is possible to restore it to its original state.

The particular texture of the paint and the technique of its application protect this product against external factors, so the original acoustic, mechanical and design features of AudioFactory devices remain unchanged through time.



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Input sensitivity	130-180dB
Woofer LF	18" neodymium; 5" coil
Crossover	90 Hz active switchable
Enclosure	Birch plywood 18 mm
Finish	Textured black matt
Grille	Powder Coated Steel 1.5mm
Fittings	16 rubber stick
Connectors	1 XLR input; 1 XLR output; 1 Powercon AC in; 1 powercon AC out
AC input	230V 50/60Hz 1750VA
Dimensions	540 x 628 x 718 mm

All AudioFactory products are designed and made in Italy

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