

## Install Speakers

# ATHENS TCS218B-WH

Dual 18" Front Loaded Subwoofer for Installation Applications (White)



- Dual front loaded subwoofer for installation applications
- 1,600 Watts continuous, 6,400 Watts peak power
- Double suspension 18" low frequency drivers with inside/outside wound coils
- Low distortion bass reflex port design
- 18 mm (¾") birch plywood enclosure with hard wearing semi matt white paint finish
- Architecturally styled powder coated perforated steel mesh grille
- Multiple internal rigging points allow secure mounting for installation
- Neutrik speakON\* NL4 and barrier strip connectors
- 3-Year Warranty Program\*
- Designed and engineered in England

The 6,400-Watt TCS218B-WH is a high performance dual 18" subwoofer system designed for a wide range of speech and music sound reinforcement applications. Engineered to work in conjunction with **TURBOSOUND** loudspeaker management systems, the TCS218B-WH provides extended FOH low frequency performance.



A bass reflex port design enclosure, the TCS218B-WH features two high power, double suspension 18" low frequency drivers with a specialised voice coil wound on both the inside and outside of the coil former for higher magnetic density, heat dissipation, higher power handling capacity, and improved efficiency. The TCS218B-WH subwoofer provides fast and accurate transient response for virtually distortion-free operation – even in the most demanding performances.

Finished in a durable semi matt white paint, the cabinet is constructed from 18 mm (¾") birch plywood – and includes a rugged powder coated perforated steel mesh grille backed with reticulated foam. Internal M10 threaded rigging points are provided, and the rear panel connector plate carries Neutrik speakON\* NL4 and barrier strip connectors for input and link connections to additional enclosures.

\*All third-party trademarks are the property of their respective owners. Their use neither constitutes a claim of the trademark nor affiliation of the trademark owners with MUSIC Group. Product names are mentioned solely as a reference for compatibility, effects and/or components. Warranty details can be found at music-group.com.

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## You Are Covered

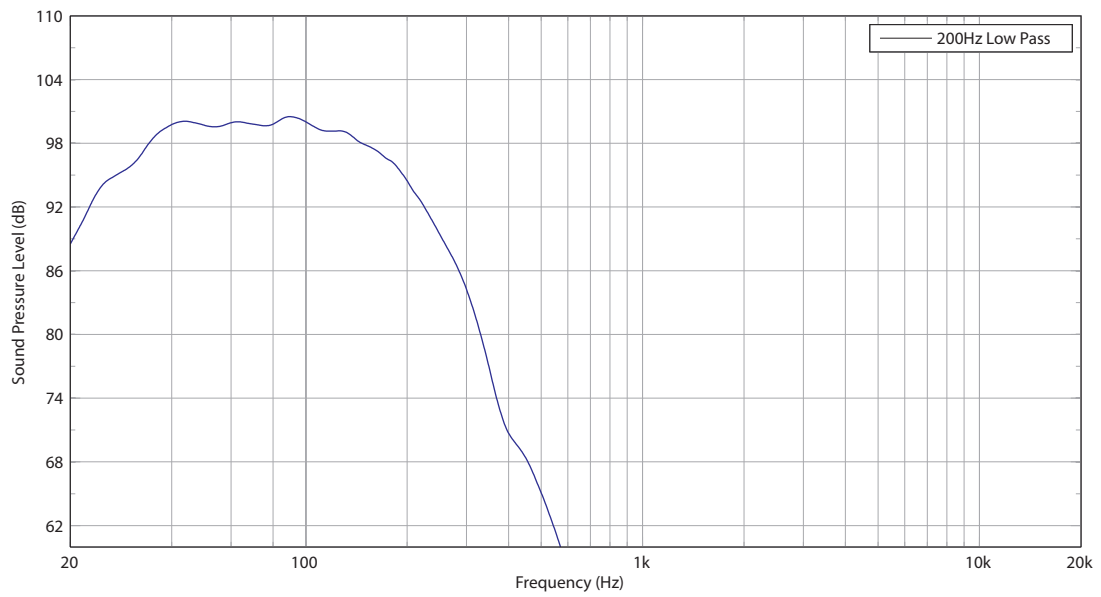
We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Group](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous [3-Year Warranty program](#).

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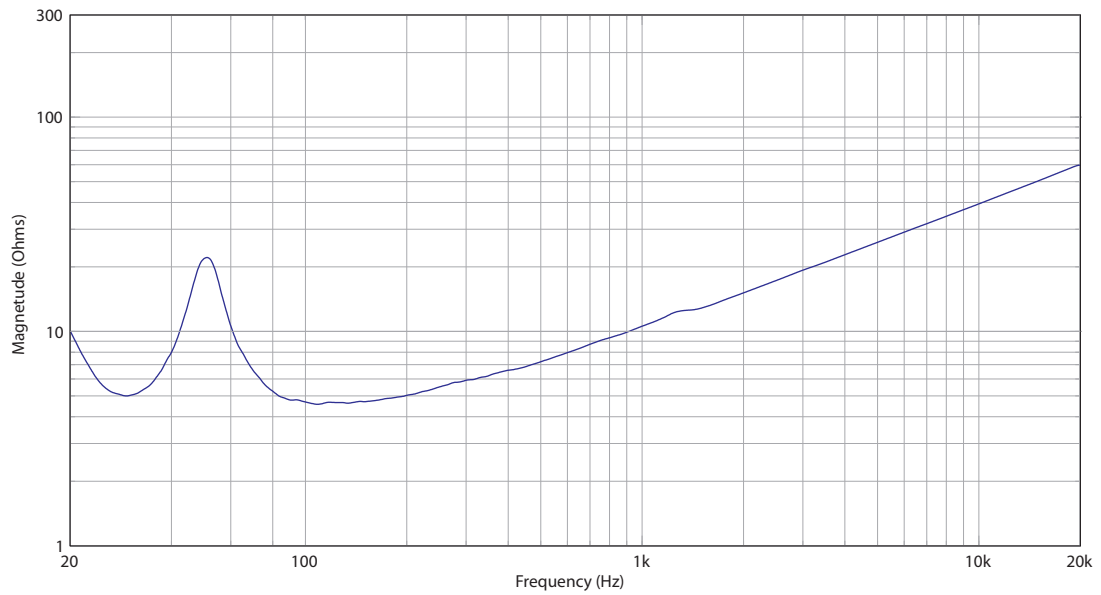
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## Frequency Response Sensitivity 1 W / 1 m



## Impedance



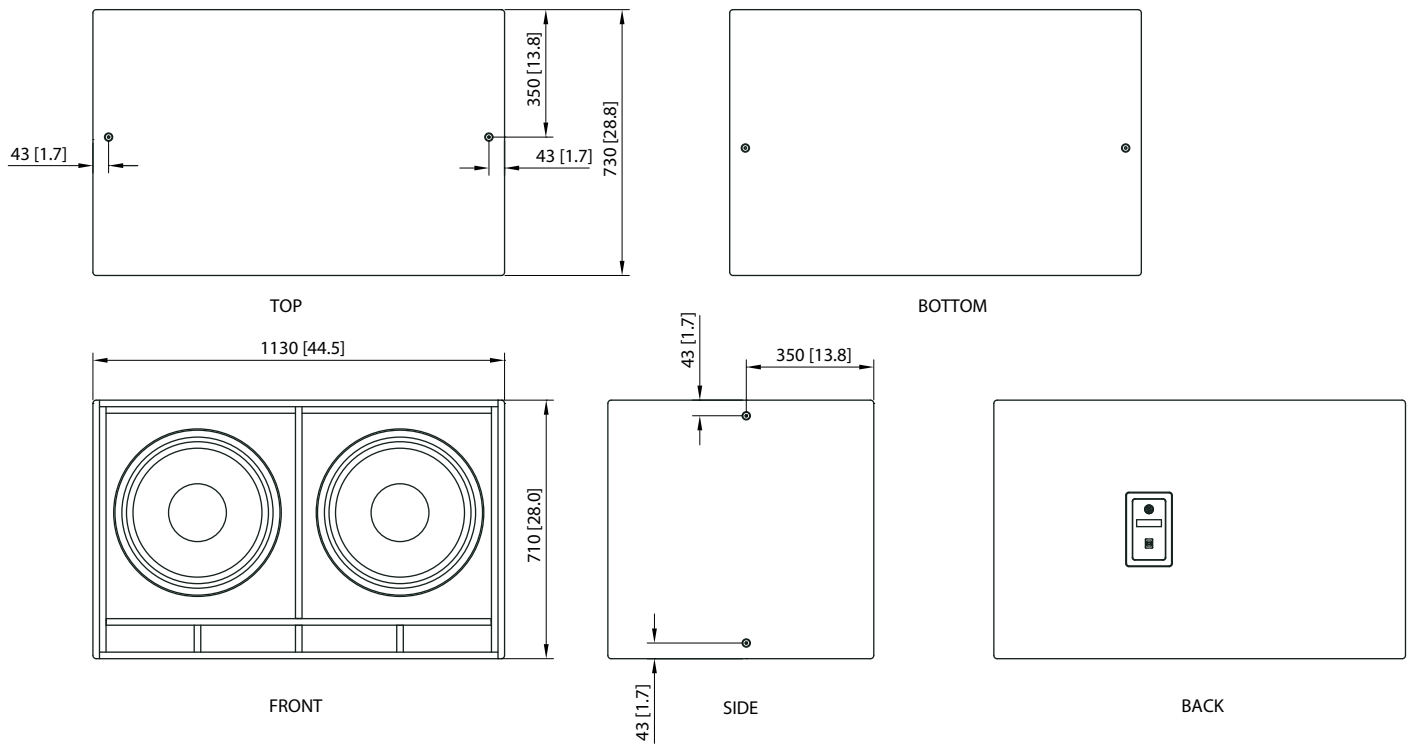
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### Dimensions



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### Technical Specifications

#### System

Frequency Response	33 Hz - 200 Hz $\pm$ 3 dB 27 Hz - 200 Hz -10 dB
Nominal Dispersion	Half space
Power Handling (IEC)	1600 W continuous, 6400 W peak
Sensitivity	99 dB (1 W @ 1 m)
Maximum SPL	131 dB continuous, 137 dB peak
Impedance	Parallel: 4 $\Omega$ Discrete: 8 $\Omega$ x 2
Components	2 x 18" (460 mm) LF driver

#### Enclosure

Connectors	1 x Neutrik speakON* NL4, 1 x barrier strip terminals
Wiring	
Parallel / No switch	Pins 1+ / 1- input, pins 2+ / 2- link
Discrete	Pins 1+ / 1- input 1, pins 2+ / 2- input 2
Dimensions (HWD)	710 x 1130 x 730 mm (28.0 x 44.5 x 28.8")
Net Weight	93.5 kg (205.7 lbs)
Construction	18 mm (5/8") birch plywood
Finish	Semi matt white
Grille	Powder-coated perforated steel
Flying Hardware	M10 x 8

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## Architecture & Engineering Specifications

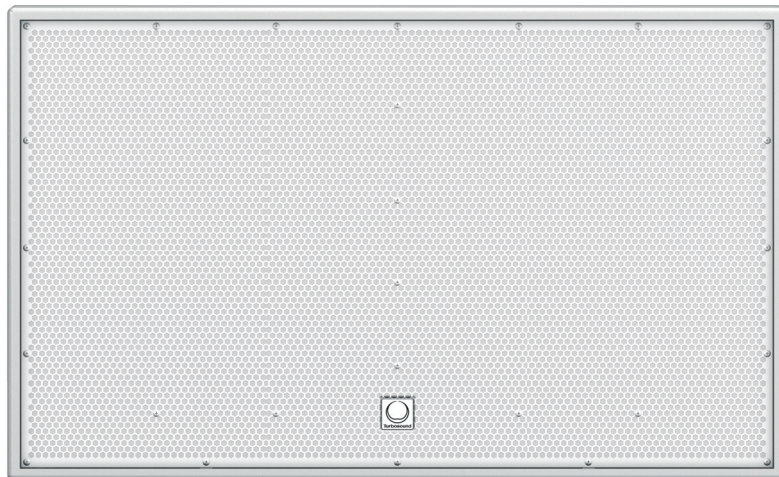
The speaker shall be of the passive subwoofer type consisting of two 18" (460 mm) LF drivers, switchable to parallel or discrete operation. Performance specifications of a typical production unit shall meet or exceed the following: frequency response, measured with swept sine wave input, shall be flat within  $\pm 3$  dB from 33 Hz to 200 Hz and within -10 dB from 27 Hz to 200 Hz. Nominal dispersion shall be "half space." Nominal impedance shall be LF parallel: 4 Ohms, LF discrete: 8 Ohms x 2. Power handling shall be 1,600 Watts continuous, 6,400 Watts peak. Sensitivity, measured on axis, mean averaged over stated bandwidth, shall be 99 dB, 1 Watt @ 1 metre. Maximum SPL (peak), measured at 1 metre with music program at stated amplifier input, shall be 137 dB. Dimensions: 710 mm high x 1130 mm wide x 730 mm deep (28.0" x 44.5" x 28.8"). Net weight: 93.5 kg (205.7 lbs). The loudspeaker system shall be the [TURBOSOUND TCS218B-WH](#). No other loudspeaker shall be acceptable unless submitted data from an independent test laboratory verifies that the above combined performance / size specifications are equaled or exceeded.

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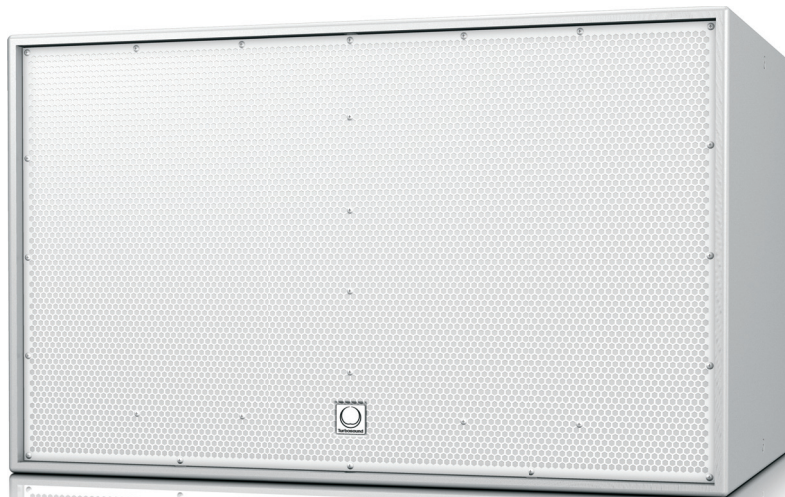




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For service, support or more information contact the TURBOSOUND location nearest you:

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