

## Install

# ATHENS

## TCS212B

Dual 12" Band Pass Subwoofer for Installation Applications



- Dual band pass subwoofer for installation applications
- 800 Watts continuous, 3,200 Watts peak power
- High excursion 12" low frequency drivers with inside/outside wound coils
- Low distortion dual port design for maximum sound pressure level
- 15 mm (5/8") birch plywood enclosure with hard wearing semi matt black paint finish
- Integral M10 rigging points for ease of installation
- Neutrik speakON\* NL4 and barrier strip connectors
- 10-Year Warranty Program\*
- Designed and engineered in the U.K.

The 3,200-Watt TCS212B is a high performance dual 12" subwoofer system that is ideally suited for a wide range of speech and music sound reinforcement applications. Engineered to work in conjunction with **TURBOSOUND** loudspeaker management systems, the TCS212B provides very high output, extended low frequency performance from a compact enclosure.



The dual port band pass design ensures symmetrical high velocity and low turbulence airflow that yields reduced distortion both in the port and the drivers, which are loaded by identical compartments in a force-cancelling arrangement. Each of TCS212B's two high excursion 12" low frequency drivers utilize a specialised voice coil wound on both the inside and outside of the coil former for higher magnetic density, better heat dissipation, higher power handling capacity, and improved efficiency. The TCS212B generates ample amounts of high definition bass energy in a space saving form factor, regardless of its position in the room – even when placed beneath seating areas.

Finished in a highly durable semi matt black paint, the cabinet is constructed from 15 mm (5/8") birch plywood with integral M10 threaded rigging points. The rear connection plate carries a Neutrik speakON\* NL4 connector and a barrier strip connector 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 Tribe. Product names are mentioned solely as a reference for compatibility, effects and/or components. Warranty details can be found at [musictribe.be](http://musictribe.be).

Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications



## You Are Covered

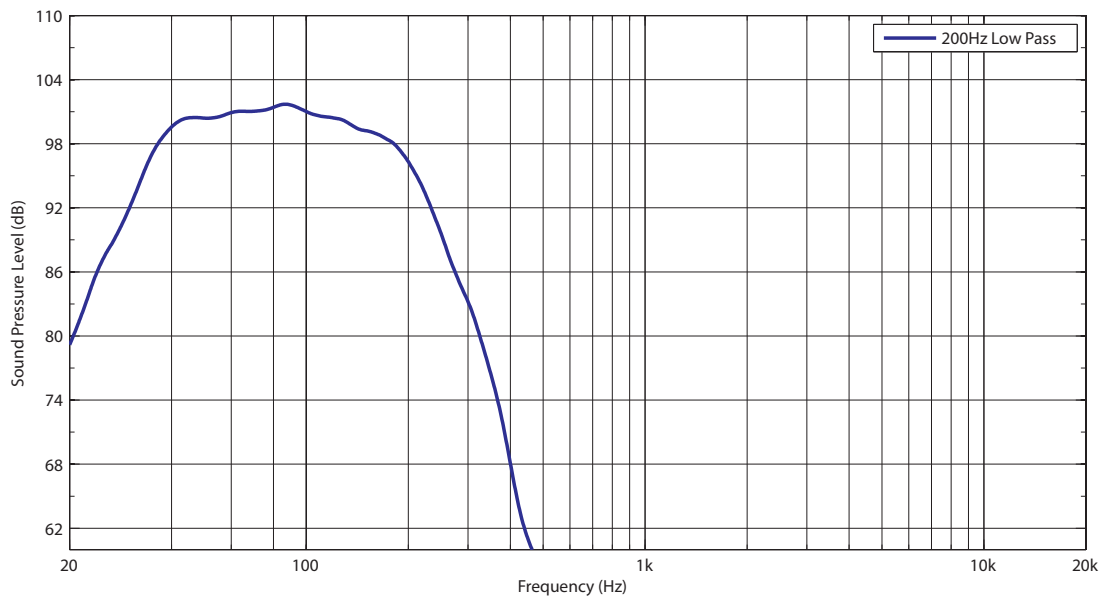
We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Tribe](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have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

Install

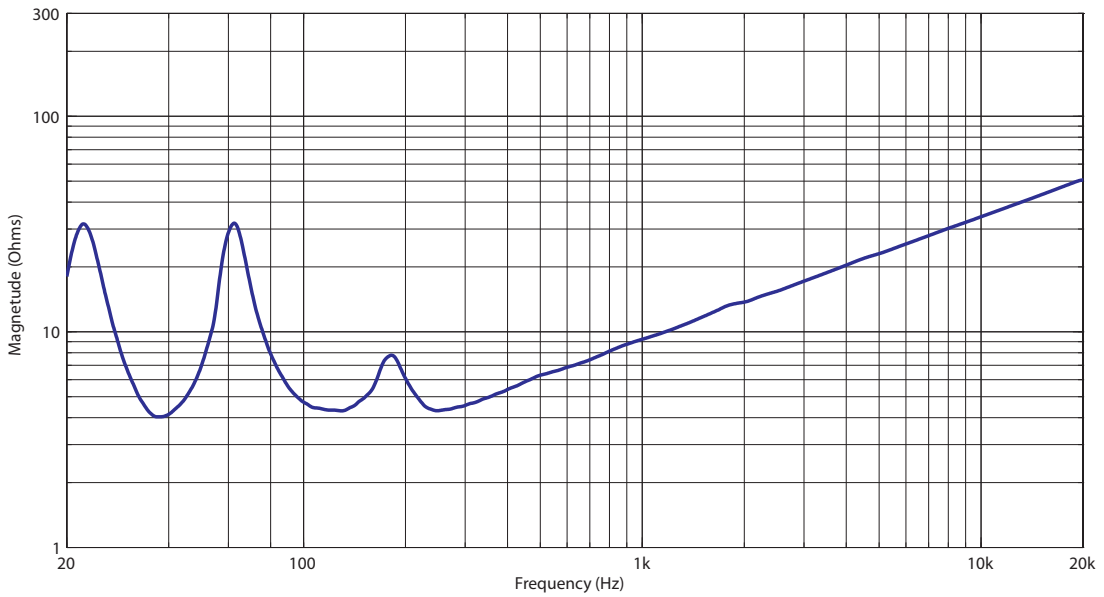
# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications

## Frequency Response Sensitivity 1 W / 1 m



## Impedance

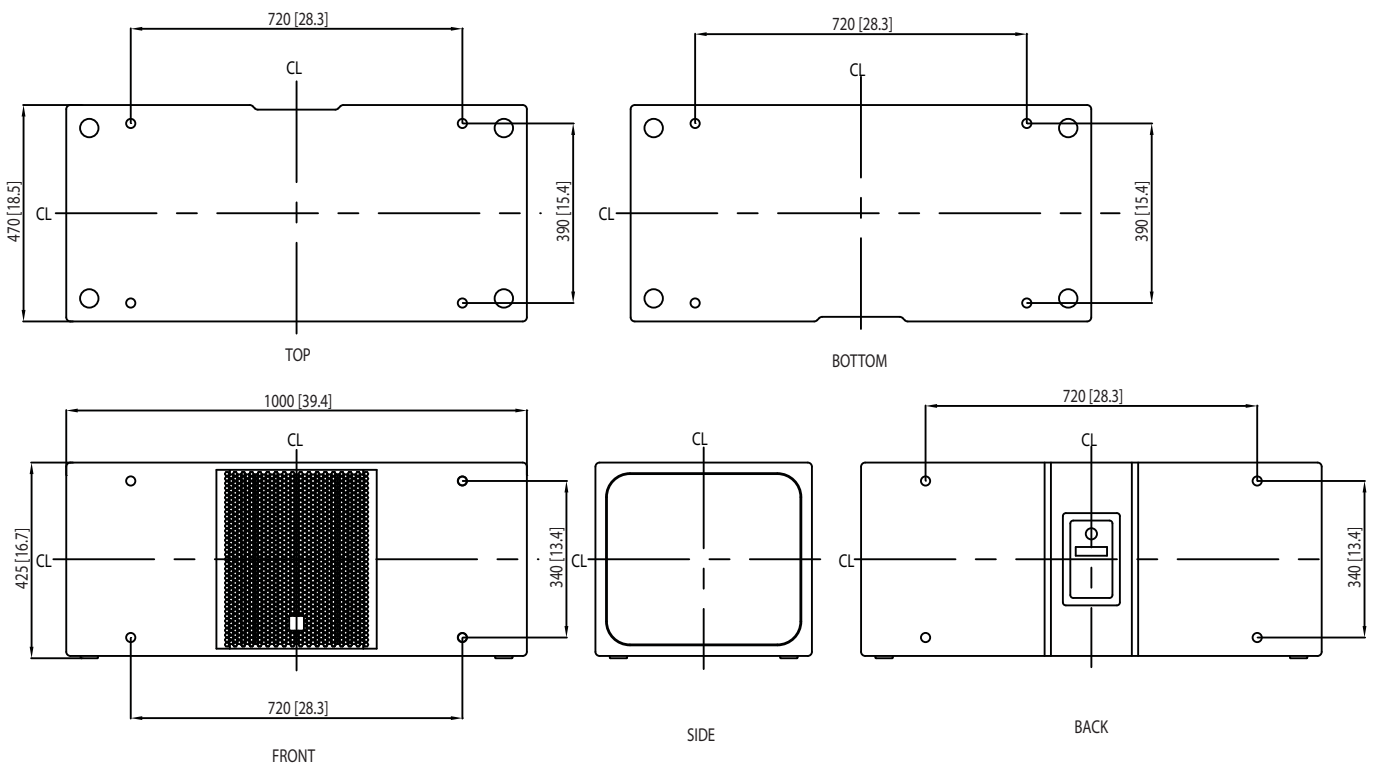


Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications

## Dimensions



**Install**

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications

## Technical Specifications

**System**

<b>Frequency Response</b>	38 Hz - 200 Hz $\pm$ 3 dB 32 Hz - 200 Hz -10 dB
<b>Nominal Dispersion</b>	Half space
<b>Power Handling (IEC)</b>	800 W continuous, 3200 W peak
<b>Sensitivity</b>	100 dB (1 W @ 1 m)
<b>Maximum SPL</b>	129 dB continuous, 135 dB peak
<b>Impedance</b>	4 $\Omega$
<b>Components</b>	2 x 12" (316 mm) LF driver

**Enclosure**

<b>Connectors</b>	1 x Neutrik speakON* NL4, 1 x barrier strip terminals
<b>Parallel / No switch</b>	Pins 1+ / 1- input, pins 2+ / 2- link
<b>Dimensions HWD</b>	420 x 1000 x 470 mm (16.5 x 39.4 x 18.5")
<b>Net Weight</b>	45.2 kg (99.6 lbs)
<b>Construction</b>	15 mm (5/8") birch plywood
<b>Finish</b>	Semi matte black paint
<b>Grille</b>	Powder-coated perforated steel
<b>Flying Hardware</b>	M10 x 16

## Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications

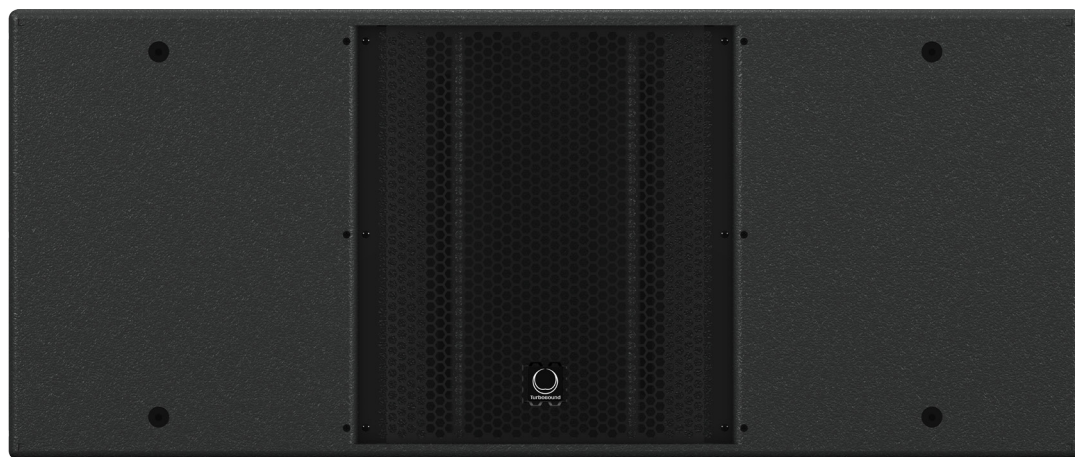
## Architecture & Engineering Specifications

The speaker shall be of the passive subwoofer type consisting of two 12" (316 mm) LF drivers. 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 38 Hz to 200 Hz and within -10 dB from 32 Hz to 200 Hz. Nominal dispersion shall be "half space." Nominal impedance shall be 4 Ohms. Power handling shall be 800 Watts continuous, 3,200 Watts peak. Sensitivity, measured on axis, mean averaged over stated bandwidth, shall be 100 dB, 1 Watt @ 1 metre. Maximum SPL (peak), measured at 1 metre with music program at stated amplifier input, shall be 135 dB. Dimensions: 420 mm high x 1000 mm wide x 470 mm deep (16.5" x 39.4" x 18.5"). Net weight: 45.2 kg (99.6 lbs). The loudspeaker system shall be the **TURBOSOUND** TCS212B. 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.

Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications





Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications





Install

# ATHENS TCS212B

Dual 12" Band Pass Subwoofer for  
Installation Applications



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

**Europe**  
**MUSIC Tribe Brands UK Ltd.**  
 Tel: +44156 273 2290  
 Email: CARECrea@music-group.com  
 CAREEnte@music-group.com  
 CARELife@music-group.com

**USA/Canada**  
**MUSIC Tribe Commercial NV Inc.**  
 Tel: +1 702.800 8290  
 Email: CARECrea@music-group.com  
 CAREEnte@music-group.com  
 CARELife@music-group.com

**Japan**  
**MUSIC Tribe Services JP K.K.**  
 Tel: +81 3 6231 0453  
 Email: CARECrea@music-group.com  
 CAREEnte@music-group.com  
 CARELife@music-group.com

MUSIC Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNÖY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA and COOLAUDIO are trademarks or registered trademarks of MUSIC Tribe Global Brands Ltd. © MUSIC Tribe Global Brands Ltd. 2018 All rights reserved.