



Main Office, R&D and Logistics

Avenida do Polo 3, nº159,
4590-137 Carvalhosa
Paços de Ferreira - Portugal
Tlm . +351 917 851 019

Office 2

Rua Quinta do Bom Retiro nº16, Armazém 9
2820-690 Charneca da Caparica - Portugal
Tel . +351 212 964 100
Fax . +351 212 964 101
E-mail . info@vicoustic.com

Vicoustic USA

5701 Sixth Avenue South, Suite 229
Seattle, WA 98108
Tel . (206) 767-2020
E-mail . info@vicousticusa.com

www.vicousticusa.com

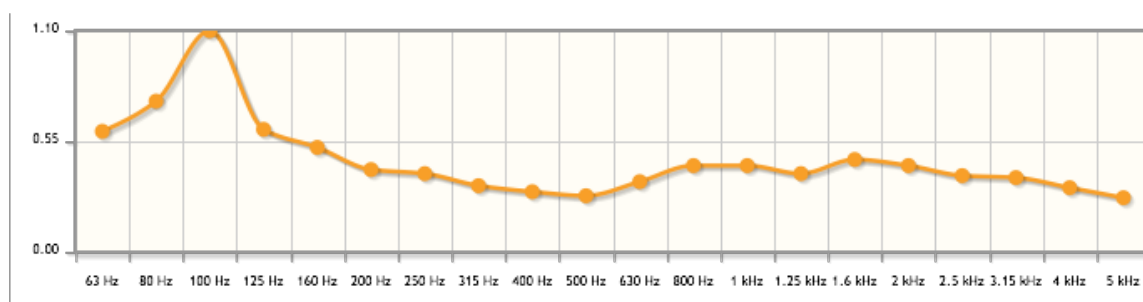
Optimized for corner mounting, Super Bass Extreme's elegant wooden front is based on Vicoustic's flagship Wave Wood panel. This is combined with a membrane, two high-density foam layers and a micro-perforated rear panel, with 1mm holes, that acts as a Helmholtz resonator. Designed to provide effective low frequency absorption between 60-125 Hz, it delivers maximum effectiveness between 75 -100Hz.

The wooden front panel has two functions, providing sufficient mid-high frequency absorption to control corner reflections without deadening the sound, while simultaneously acting as a diffuser.

When porous materials such as foam are applied to corners or walls, they become less efficient in dealing with low frequencies, because the particle velocity or air movement associated with long wavelengths is low. However, the sound pressure is at its maximum. Super Bass Extreme's internal membrane transforms this high pressure by converting the pressure fluctuations into air motion. The membrane sympathetically vibrates over a frequency range of 75-85 Hz, causing the air to pass through a layer of high-density foam that absorbs the low frequencies. Because of the high pressure it has also been possible to introduce a further technique for aiding absorption, with the micro-perforated panel at the back of the unit acting as a tuned Helmholtz resonator. Tests actually showed the perforations to give 20% more efficiency, compared to using a non-perforated panel.

Super Bass Extreme is highly recommended for smaller rooms with low frequency issues. The panel can be used in different corner positions and its modular structure allows further units to be added as required. With an eye to interior design compatibility, Super Bass Extreme is available in five elegant wood finishes that match Vicoustic's range of Wave Wood panels.

Graph



Main Info

Ref: B00168

EAN13: 5600301840043

HS Code: 39211310

Dimensions: 595.0 x 595.0 x 155.0 mm

Technical File

Scratch Resistance: No
Washable: No

Performance

Functionality: Basstrap
Absorption Frequency: Low
AW: 0.4
NRC: 0.400
Fire Class France (NF P): M1

Shipping

Units per Box: 2 boxes
Box Dimensions: 660.0 x 380.0 x 640.0 mm
Box Weight: 13.5 kg

Raw Materials

Material: Wood, Foam
Wood Type: Mdf Painted
Foam Type: Recycled

Design

Wood Color: White
Edges: Angled

Installation

Installation Place: CORNER

Technical File