

Procella Audio®

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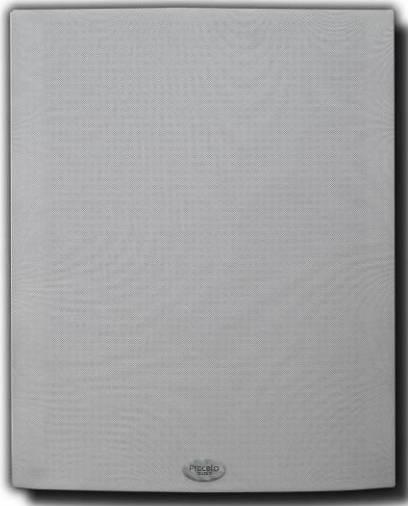
Procella Audio Brings Pro Audio Performance to In-Wall/In-Ceiling Category with Atmos-Ready P6iW Speaker

- High-output wide dynamic range speaker based on Procella P6 is designed for main and surround channel use
- Constant directivity waveguide has 80 degree circular radiation pattern, optimum for Dolby Atmos® and Auro 3D® Voice of God applications
- Speaker can be wall mounted with either horizontal or vertical orientation, in addition to ceiling mounting for surrounds and 3D Audio height channels
- Drivers and crossover are mounted on a separate baffle for later installation or easy access for service
- Product will be on display in ISE Booth 5-U92

Amsterdam, Netherlands and Stockholm, Sweden – February 9, 2015 – Procella Audio, manufacturer of high-performance high-definition speaker systems for home and professional cinema and music applications, announced today that the company's first in-wall/in-ceiling speaker system, the P6iW, is now available. The latest in Procella's award-winning P6 family of loudspeakers, the P6iW is a high-output two-way design with a 6.5 inch woofer and 1 inch high-frequency compression driver mounted on a Procella-designed constant directivity waveguide. The P6iW will be on display, along with Procella's Dolby Atmos 3D Audio demo system, in booth 5-U92 at ISE.

As Procella's very first in-wall/in-ceiling speaker, the P6iW is designed to the same demanding professional audio standards as Procella's conventional enclosure speakers. By employing pro audio components, the new speaker is able to produce uncompressed playback levels and dynamic range exceeding the capabilities of conventional speakers using

dome tweeters. With a Procella Identical Voice™ crossover, the P6iW utilizes a 1 inch professional audio high frequency compression driver mounted on a new Procella-designed constant directivity waveguide. Low frequencies are reproduced by a high-output pro 6.5 inch woofer in a sealed back-box enclosure. Per THX Cinema standards, the P6iW is a 2 meter reference speaker, meaning that it can produce a continuous output of 105 dB at a distance of 2 meters.



“The P6iW was created to address two demands. Initially, we were addressing numerous requests from integrators and dealers that wanted to achieve Procella performance in rooms other than dedicated home theaters. Then, during the speaker’s development, we recognized the imminent arrival of 3D Audio and optimized the speaker for overhead channel use,” said Procella director Chuck Back. “Its waveguide has a unique circular radiation pattern that meets Dolby’s recommendations for Atmos overhead speakers. For 2D media room and multipurpose room installations, the

compression driver/waveguide design creates a much wider sweet spot and better imaging than speakers using dome tweeters, with a vastly greater dynamic range than conventional in-wall speakers.”

The constant directivity waveguide produces a circular radiation pattern of 80 degrees above 2KHz, enabling integrators to achieve excellent performance with the speaker mounted in either a vertical or horizontal orientation. Further, this ensures a high level of performance when the speaker is ceiling mounted, whether for conventional surround, main channel applications, or 3D Audio system height channels, where playback level requirements may exceed the ability of conventional in-wall designs. When used as a surround speaker, Procella’s Identical Voice design assures a timbre match when used with the Procella P8, P610, P815 and P860 main speakers.

The P6iW consists of three elements. Its back box incorporates the front baffle and the mounting system, and can be used as a preconstruction bracket. The drivers, binding post connectors and crossover are mounted on a separate baffle that is secured to the back box assembly with mounting screws. The third element is a wing-style curved perforated metal grille that is easily painted to match room walls.

The speaker is secured to the wall with a wing clamping system with bidirectional screws that enable removal of the back box after installation. Installers will appreciate its unique

front baffle cable connection system that allows the speaker wire to be attached to the binding post inputs after the back box is secured to the wall. In the unlikely event that service is necessary, the back box assembly can remain mounted in the wall, as the separate driver/crossover baffle is easily removed.

MSRP of the P6iW is €1,480 each.

About Procella Audio

Manufactured in Sweden and distributed globally, with offices in Los Angeles, Sydney and Stockholm, Procella Audio was launched in 2006 by two former Directors of DTS Europe, who created the first Procella speaker system for a 32 seat preview theater at the DTS Europe headquarters outside London. Procella loudspeakers deliver a powerful and dynamic cinema audio experience for the world's finest home cinemas, professional studios and screening rooms. For more information, please visit www.procella-audio.com.

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