

Dolby, Philips unveil 3D HD format capable of bringing Full HD 3D to glasses-free 3D devices

April 13 2012

Dolby Laboratories, Inc. and Royal Philips Electronics today unveiled Dolby 3D, a 3D HD format and suite of technologies designed to deliver full HD 3D content to 3D-enabled devices, including glasses-free displays. Dolby 3D is being demonstrated at the NAB Show (April 16–19, 2012) at booth SU1212.

The two leading companies have undertaken the joint project to improve the 3D viewing experience on displays of all sizes, including smartphones, tablets, PCs, and televisions. Dolby 3D is a complete system designed to work throughout the chain to deliver clear glasses-free 3D [content](#) that operates over existing distribution systems.

Ramzi Haidamus, Executive Vice President, Sales and Marketing, Dolby Laboratories, stated: “We believe that Dolby 3D can help drive the adoption of 3D—creating a comfortable, customizable, truly enjoyable glasses-free 3D viewing experience while enhancing 3D display performance. Armed with the innovative glasses-free 3D display technology from Philips, based on years of extensive research and development in the field, we plan to bring the same philosophy to 3D that Dolby has brought to the audio space—integrating our technologies and strengths throughout the entire content chain. Consumers will know that when they see Dolby 3D content on a 3D-enabled device, it will look its very best.”

The focus of the project will be to work with original equipment manufacturers of display panels and entertainment devices to enhance the performance of 3D consumer devices to make viewing of 3D content just as convenient and appealing as viewing of 2D content on a high-quality screen is today. This project is uniquely positioned to enable the industry's adoption of 3D by working on standardization and licensing of the technology.

The Dolby 3D experience will seamlessly integrate into the use cases and viewing patterns of consumers on-the-go and in-the-home, making the use of 3D devices an enjoyable daily experience. Content owners and broadcast operators have the unique opportunity to differentiate their offerings by encoding 3D titles in Dolby 3D for maximum fidelity on Dolby 3D enabled devices while maintaining compatibility with existing 3D products. The system will enable a 3D HD format, including tools for 3D content creation and real-time 3D content conversion.

Provided by Philips Electronics

Citation: Dolby, Philips unveil 3D HD format capable of bringing Full HD 3D to glasses-free 3D devices (2012, April 13) retrieved 19 April 2024 from <https://phys.org/news/2012-04-dolby-philips-unveil-3d-hd.html>

| |
|--|
| <p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p> |
|--|