

Press Release

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The Cinedom in Cologne: XXL 3D Cinema with 4K Dual Projection from Kinoton



XXL-3D in the Cinedom in Cologne: Kinoton installs 4K dual projection systems (© Raimond Spekking / CC-BY-SA-3.0 - (via Wikimedia Commons))

Kinoton has installed two 4K dual projection systems in the Cinedom in Cologne to ensure a brilliant 3D movie experience in XXL format (on screens 22 and 19 meters wide). This has optimally met the prerequisites for showing the first film produced with HFR, namely "The Hobbit: An Unexpected Journey". Peter Jackson's movie can currently be enjoyed in both auditoriums with a high bit rate and 3D dual projection in unprecedented visual and audio quality.

The high-end Kinoton DCS Digital Cinema Solution includes two dual projection systems, each consisting of two DCP 30 LX II – 4K

projectors. One projector of each pair shows the image corresponding to the left eye, while the other projects the image for the right eye - with maximum resolution and image sharpness. The new HFR technology, with 48 instead of the usual 24 frames per second, delivers a powerful cinematic experience in XXL 3D, including rapid movements. Kinoton has also equipped two other auditoriums of the Cinedom with individual projectors of the types DCP 30 LX II – 4K and DCP 30 LX II – 2K. Consequently, the theatre now boasts 4K format (4,096 x 2,160 pixels) in three auditoriums. All of the DCP projectors feature 3D systems from Dolby. The projectors are based on projection technology provided by Barco. 1.38-inch 4K or 1.2-inch 2K DLP Cinema® series II technology from Texas Instruments ensures highly precise color reproduction and fantastic contrast.

The DCP projectors are already equipped with an IMB (internal media block). This feature guarantees excellent reproduction of 4K material while supporting 2K Higher Frame Rates (HFR) to additionally enhance the picture quality with 3D content and rapid movements. Two high-end sound systems, also installed by Kinoton, are based on the established Dolby Surround 7.1 technology for appropriately exquisite audio enjoyment to match.

The Cinedom in Cologne is Germany's fifth-largest multiplex cinema, with a total of 14 auditoriums. While designing it, special attention was paid to once again giving moviegoers a real experience for their money. Besides leading-edge projection, lighting and sound technology, this naturally also includes comfortable seats, plenty of legroom, and a wide selection of foods and beverages for purchase.

About Kinoton

Over sixty years of experience make Kinoton, headquartered close to Munich/Germany, one of the world-wide leading manufacturers of professional equipment for processing and projection of film and digital content. Kinoton offers complete projection systems for cinema and studio applications as well as for all kinds of customized solutions. Kinoton's DCS Digital Cinema Solutions consist of premium D-Cinema technology and can be flexibly tailored to meet virtually any requirement. The extensive product range also includes the innovative Litefast 360° LED Display systems for advertising and digital signage. The well-established system provider with a staff of 160 employees and in-house manufacturing keeps impressing professional circles with technical innovations. An extensive international service and support network with competent partners guarantees reliable customer proximity all over the world. More information about Kinoton is on the Internet at www.kinoton.com.