



# Kinoton Digital Cinema Solutions

D-Cinema Products and Services

- DIGITAL CINEMA
- FILM TECHNOLOGY
- STUDIO TECHNOLOGY
- CUSTOMIZED SOLUTIONS
- 360° DISPLAY SYSTEMS



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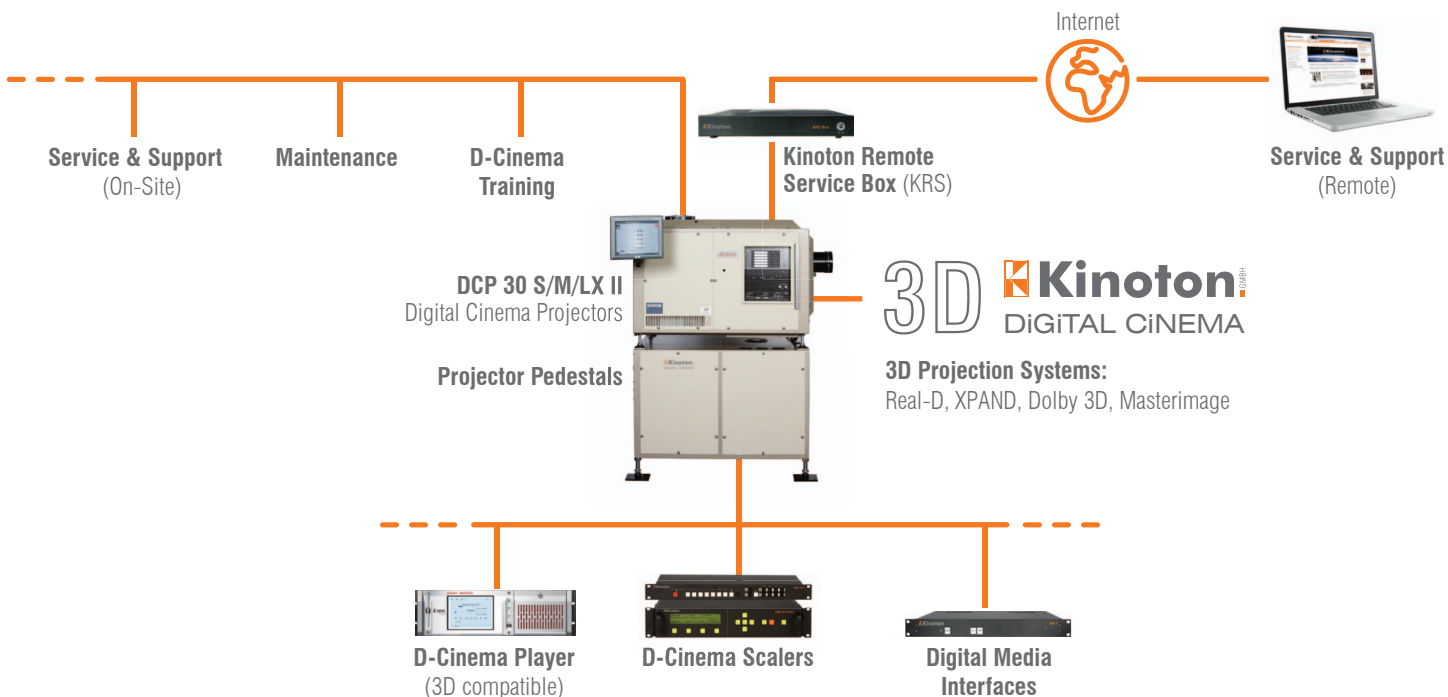
Kinoton has been serving the movie industry for over 60 years, equipping countless theaters around the world during this time. This long experience has taught us what cinema professionals and operators really need: reliable, user-friendly, and cost-effective projection equipment that ensures top picture and sound quality, backed by professional service and support. Our comprehensive range of premium equipment, accessories and services for Digital Cinema projection meets all of these requirements.

We have carefully considered everything that digital cinema and everyday projection involve and developed our one-stop DCS Digital Cinema Solutions to perfectly meet these needs. The Kinoton DCS Solutions consist of premium D-Cinema technology and can be flexibly tailored to meet virtually any requirement.

Customers can choose from our extensive line of premium D-Cinema equipment, which includes high-quality DCP 30 II Digital Cinema Projectors featuring the renowned Series II 2K DLP Cinema® technology from Texas Instruments and a range of accessories such as pedestals, scalars, automation interfaces, show controllers, and 3D systems. Kinoton DCS Solutions integrate

perfectly with existing film equipment and audio and automation systems to ensure flawless digital shows in 2D and 3D.

As digital technology sweeps the industry, support is becoming especially crucial. Servicing and maintaining digital components is a new challenge that requires not only familiarity with conventional film technology but also extensive IT expertise. Expanded service concepts are vital for ensuring smooth operation of this complex technology. We therefore offer extensive service and support that covers all bases, including consulting and planning, professional system integration, expert remote and on-site support as well as hands-on D-Cinema training.



# DCP Projectors with Series II Technology

The second generation of the DCP Digital Cinema Projector series are designed to meet all DCI specifications, delivering precise colors and a superb contrast ratio. Their sophisticated illumination system provides superior light output and unsurpassed illumination uniformity to ensure brilliant D-Cinema experiences, also in large auditoriums.

The DCP 30 II projectors manufactured by Kinoton are based on projection technology provided by Barco. Advanced 1.2" 2K DLP Cinema® Series II technology from Texas Instruments guarantees precise colors and a superb contrast ratio. Their full-resolution triple-flash technology delivers 3D Cinema in full 2K D-Cinema resolution, which ensures outstanding picture quality and brightness. The DCP 30 II projectors are designed to accommodate a standard 2K/4K Integrated Media Block (IMB) and can be upgraded to 4K as soon as Barco releases the DCP 30 - 4K technology to Kinoton.

Every component of the DCP II projectors has been engineered to ensure a long service life with a minimal total cost of ownership. The DLP Cinema® DMDs are safely protected from dust and overheating to ensure consistently excellent image quality. The dust-proof sealing and efficient cooling system of the DMDs are based on Barco's patented technology.

Running costs are kept low by the DCP 30 II projectors' extraordinary light efficiency, their low exhaust airflow requirement, and the possibility of using cost-effective standard Xenon lamps instead of the expensive special D-Cinema lamps.



The projectors are modular with clearly arranged components to help service engineers quickly maintain and repair them on-site.

## DCP 30 II Model Range:

### DCP 30 SX II

for standard or high performance Xenon bulbs up to 3000 Watts

### DCP 30 MX II

for standard or high performance Xenon bulbs up to 4500 Watts

### DCP 30 LX II

for standard or high performance Xenon bulbs up to 7000 Watts

# Kinoton Digital Cinema Accessories



### DMS HD Digital Media Scaler

The DMS HD supports most common consumer and semiprofessional signal sources, such as TV, HDTV and standard DVD. Available as a 1RU version or as a 2RU version with front inputs.



### DMS DC1 D-Cinema Scaler

The DMS DC1 noticeably improves the detail and clarity of video signals from consumer and semi-professional sources. An HDMI input enables the DMS DC1 to accept HDCP-protected content, e.g. from Blu-ray™ Discs and DVDs.



### DMS DC2 PRO D-Cinema Scaler

This high-end image scaler offers postproduction-grade image processing. A large variety of inputs, including HD-SDI and HDMI with full HDCP support, makes it possible to connect virtually any HD, SD or consumer content source.



### DMI 2 / DMI 3 Digital Media Interfaces

These Digital Media Interfaces expand an existing single six-channel analog audio input to two or three inputs, making it easy to integrate additional sound sources, such as a D-Cinema server, into the existing projection environment.



### D-Cinema Pedestals

Our pedestals for DCP 30 II Digital Cinema Projectors offer practical 19" installation modules for D-Cinema servers, scalers or media interfaces. They are available in a range of heights and models.



### Rail Systems

D-Cinema equipment is often integrated into booths also used for film technology. Our practical rail system comes in handy if there is not enough space in front of the projection window to place both projectors stationary.



# Enjoy the Whole Gamut of Professional D-Cinema Services

## Consulting and Planning

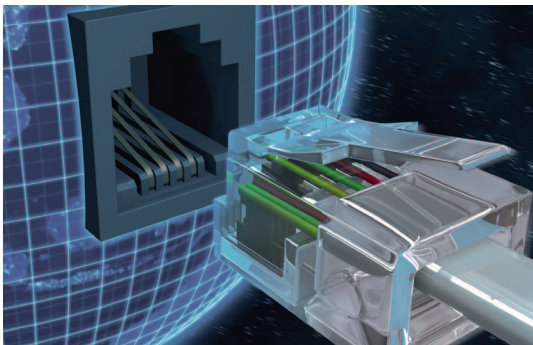
Together with our partners around the world, we support your cinema projects: from inception through planning, construction and installation all the way to the grand opening. Our consulting service covers all aspects of projection and sound technology, including building and spatial acoustics, sight lines, picture sizes, selection of equipment and components, etc.



## Professional System Integration

Installing a D-Cinema system and integrating it into the cinema workflow is a complex job that requires a wide range of technical skills. We therefore make sure that our certified service engineers and international service partners are well-versed in both conventional film technology and digital cinema, in addition to possessing advanced IT skills.

These specialists completely handle the work of integrating DCP 30 II projectors and peripheral equipment like the D-Cinema servers, scalars, the audio system or a complete Theatre Management System (TMS) into the cinema environment and automation system.



## D-Cinema Remote Service System

The Kinton Remote Service platform is a powerful tool that minimizes the downtimes of D-Cinema systems in the unlikely event of a malfunction or failure. An authorized service partner or the Kinton support center can easily log into the D-Cinema system via a highly secure Internet connection. This permits rapid resolution of typical issues like incorrectly configured D-Cinema devices. The same approach can be used to read out log files or verify system settings online. If on-site work is required, the service engineer then knows in advance what to expect. The customer has full control over this remote access at all times. State-of-the-art security features reliably guard the system against unauthorized access.



## Service & Support

Our competent sales and service partners around the world are ideally equipped to provide professional customer support on-site. Kinton headquarters operates a professional technical help desk for our foreign partners, providing instant advice and instructions by phone or e-mail. When required, we also assist our partners by dispatching engineers to perform on-site installations and servicing. Our download and information portal, MyKinton, makes available a comprehensive range of D-Cinema documents, technical information and service features. Our D-Cinema customers can also use MyKinton to register their projector certificates, which are mandatory for unlocking encrypted D-Cinema content.



## D-Cinema Training

As part of our support for customers, sales partners and service engineers, we hold seminars and workshops to teach the nuts and bolts of D-Cinema and digital equipment. Tailored to attendees' skill levels and the depth of information they require for their work, these courses provide specific expertise for operators, decision-makers, service and installation partners, and field engineers. The groups are kept small to ensure plenty of hands-on practice and thoroughly familiarize participants with the DCP product range and accessories. All courses take place in the Kinton Technology Center near Munich, which has training facilities, a demo center and a testing lab for D-Cinema, E-Cinema and digital 3D.



[www.kinton.com/digitalcinema](http://www.kinton.com/digitalcinema)

Photos may show optional equipment. Any individual item is subject to change without notice. The latest version of this brochure can be found on [www.kinton.com](http://www.kinton.com).

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