

The perfect solution for
your applications.

Liesegang
technology

Do you already know... ...the new Projector Line of Liesegang?



dv-X583/dv-X587/dx-X588active/dv-WX589

- Image brightness between 2.500 up to 3.500 ANSI lumens
- Portable with only 3,3 Kg
- XGA- and WXGA resolution
- Latest 3LCD panel technology
- 4 times Anti-Theft protection
- User-friendly installation and maintenance

Schools - Conferences - Seminars

Experience more ► ► ►

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**This flyer can be download on our homepage at
www.liesegang.com.**

Even though in class-, seminar- or conference rooms, the new Liesegang multimedia Projectors dv-X583, dv-X587, dv-X588active and dv-WX589, distinguished to superb fitting characteristics, brilliant image quality and durable technique.

They were developed for ambitious environments and users.

■ Flexible Application

Five new models and thus 2,500 up to 3,500 ANSI lumens image brightness offer users the right projector for its individual usage and application.

■ Distinguish Image Quality

Latest 3LCD panel technology provides true-to-detail and brilliant image projection

■ Characteristics

- **Optimized Optical Components**
Provides that images will be project geometrically (low distortion [Barrel- and cushion distortion]).
- **Integrated 8 W Speaker**
For convincing sound quality.
- **Quick Start and Quick Cooling**
Ready-to-use and shoot down in 10 seconds.
- **< 2.6 Watt Power Consumption in Stand-By Mode**
- **Two Computer Inputs, 1x RGB, 1x DVI-I**
- **Low fan noise, only 30 dB in Whisper Mode**
- **Advanced Dust Cover Filter**
The Advanced Dust Cover Filter has a 10-times larger surface than the standard filter. It is optional available and for special environments, e.g. Assembly halls, gastronomy.
- **Adjustable Audio Output**
The volume can be adjusted via the menu.

■ 4-times Anti-Theft Protection

- **Kensington Lock™ Interface**
For fixing the anti-theft cable on a fixed object.
- **6 mm Anti-Theft Protection Device**
It's a integrated metal bar in the Projector.
- **PIN-Lock Protection**
Protect unauthorized access.
- **Logo as Start Screen**
Save the company logo as a Start Screen whwn turn on the Projector.

■ Automatic Adjustments

- **Auto Search** Automatic search for a connected source.
- **Auto Sync** Automatic Synchronisation (Image Adjustment).
- **Auto Ceiling** Automatic Image Reversal by ceiling suspension.
- **Auto Keystone** Automatic correction of image distortions.
- **Auto Filter Alarm** Automatic advice, that change of the filter or cleaning is required.
- **Auto Lamp Alarm** Automatic advice, that the lamp has to be changed.

■ Improved Video Processing

- **Motion Adaptive De-Interlacing**
No cords during fast image movings.
- **10 bit Gamma Processing**

■ User-friendly Installation and Maintenance

- **On the side lamp and filter access**
This is an advantage when the Projektor is mounted on the ceiling.

■ Characteristics

- **With quality and elegant chassis**
- **Encouraged Video Signal HDTV (compatible to HDTV Signals)**
- **1,2x optical and 4-times Digital Zoom**
- **Freeze Function**
The current video image can be stopped "Freeze", even if the video continues to run in the background.
- **Multilingual On-Screen-Menu**

■ Native 16:10 Format (only dv-WX589)

- **Native panel size, 16:10 Format, SXGA 1280x800 resolution.**

Models	dv-X583	dv-X587	dv-X588active	dv-WX589
General Data				
Technology	3x P-Si LCD	3x P-Si LCD	3x P-Si LCD	3x P-Si LCD
Resolution	XGA, 1.024 x 768	XGA, 1.024 x 768	XGA, 1.024 x 768	WXGA, 1.280 x 800
Max. Resolution	WUXGA, 1.920 x 1.200	WUXGA, 1.920 x 1.200	WUXGA, 1.920 x 1.200	WUXGA, 1.920 x 1.200
Brightness Standard Mode	2,500 ANSI lumens	3,000 ANSI lumens	3,000 ANSI lumens	2,500 ANSI lumens
Brightness Whisper Mode	2,000 ANSI lumens	2,400 ANSI lumens	2,400 ANSI lumens	2,000 ANSI lumens
Contrast Ratio	500:1	500:1	500:1	500:1
Weight	3.3 kgs	3.3 kgs	3.3 kgs	3.3 kgs
Dimensions (WxHxD)	325 x 97 x 260 mm	325 x 97 x 260 mm	325 x 97 x 260 mm	325 x 97 x 260 mm
Noise Level (Standard Mode)	33 dB	33 dB	33 dB	33 dB
Noise Level (WhispererMode)	30 dB	30 dB	30 dB	30 dB
Lamp. Lifetime**	200 W 2,000 h Standard Mode 3,000 h Whisper Mode	230 W 2,000 h Standard Mode 3,000 h Whisper Mode	230 W 2,000 h Standard Mode 3,000 h Whisper Mode	200 W 2,000 h Standard Mode 3,000 h Whisper Mode
Keystone Correction	vertical ± 30°	vertical ± 30°	vertical ± 30°	vertical ± 30°
Presentable Formats	Native Format 4:3 switchable 16:9	Native Format 4:3 switchable 16:9	Native Format 4:3 switchable 16:9	Native Format 16:10 switchable 4:3
H-Sync / V-Sync	31-92 kHz / 48-120 Hz	31-92 kHz / 48-120 Hz	31-92 kHz / 48-120 Hz	31-92 kHz / 48-120 Hz
Speaker	1x8 W mono	1x8 W mono	1x8 W mono	1x8 W mono
Lens	F= 1.65 ~ 1.93 f= 18.53 – 22.18 mm 1.2 opt. Zoom/Focus (manual)	F= 1.65 ~ 1.93 f= 18.53 – 22.18 mm 1.2 opt. Zoom/Focus (manual)	F= 1.65 ~ 1.93 f= 18.53 – 22.18 mm 1.2 opt. Zoom/Focus (manual)	F= 1.65 ~ 1.93 f= 18.53 – 22.18 mm 1.2 opt. Zoom/Focus (manual)
Projection Distance	1.2 – 9.1 m	1.2 – 9.1 m	1.2 – 9.1 m	1.2 – 9.1 m
Image Diagonal	1.2 – 9.1 m	1.2 – 9.1 m	1.2 – 9.1 m	1.2 – 9.1 m
Throw Ratio	1.41 – 1.70	1.41 – 1.70	1.41 – 1.70	1.41 – 1.70
Connectors				
Computer Inputs	1x RGB analog 15pin SUB-D 1x DVI-I	1x RGB analog 15pin SUB-D 1x DVI-I	1x RGB analog 15pin SUB-D 1x DVI-I	1x RGB analog 15pin SUB-D 1x DVI-I
Control	1x RS-232 9pin SUB-D 1x USB Typ B (for Mouse)	1x RS-232 9pin SUB-D 1x USB Typ B (for Mouse)	1x RS-232 9pin SUB-D 1x USB Typ B (for Mouse)	1x RS-232 9pin SUB-D 1x USB Typ B (for Mouse)
Composite Video	1x Video (Cinch) 1x Video (Mini Jack)	1x Video (Cinch) 1x Video (Mini Jack)	1x Video (Cinch) 1x Video (Mini Jack)	1x Video (Cinch) 1x Video (Mini Jack)
Component Video	3x Component (Cinch. YUV)	3x Component (Cinch. YUV)	3x Component (Cinch. YUV)	3x Component (Cinch. YUV)
Audio Inputs	2x Audio Stereo (Cinch)	2x Audio Stereo (Cinch)	2x Audio Stereo (Cinch)	2x Audio Stereo (Cinch)
Computer Output	1x RGB analog 15pin SUB-D	1x RGB analog 15pin SUB-D	1x RGB analog 15pin SUB-D	1x RGB analog 15pin SUB-D
Audio Output	1x Audio Stereo (Mini Jack)	1x Audio Stereo (Mini Jack)	1x Audio Stereo (Mini Jack)	1x Audio Stereo (Mini Jack)
Video Compatibility	NTSC. NTSC 4.43. PAL. PAL-M/ N/-60. Secam	NTSC. NTSC 4.43. PAL. PAL-M/ N/-60. Secam	NTSC. NTSC 4.43. PAL. PAL-M/ N/-60. Secam	NTSC. NTSC 4.43. PAL. PAL-M/ N/-60. Secam
Miscellaneous				
Power Consumption	Max. 285 W/<2,6 W Stand-By	Max. 310 W/<2,6 W Stand-By	Max. 310 W/<2,6 W Stand-By	Max. 285 W/<2,6 W Stand-By
Approvals	CE. UL	CE. UL	CE. UL	CE. UL
Warranty Projector	36 Months	36 Months	36 Months	36 Months
Warranty Lamp	6 Months or 500 Hours. Whichever comes first.	6 Months or 500 Hours. Whichever comes first.	6 Months or 500 Hours. Whichever comes first.	6 Months or 500 Hours. Whichever comes first.

*Errors, missprints and technical changes are subject to change without notice.

■ Image Size Chart

Distance in m	Image Width in m		Image Diagonal in m	
Details	from	to	from	to
1,0	0,58	0,70	0,73	0,87
1,5	0,87	1,05	1,09	1,31
2,0	1,16	1,40	1,45	1,75
2,5	1,45	1,75	1,82	2,19
3,0	1,74	2,10	2,18	2,62
5,0	2,91	3,50	3,63	4,37
7,0	4,07	4,90	5,09	6,12

Our current Image Size Calculator can be found at www.liesegang.com, Beamer, Image Size Calculator.

■ Connector Panel / Connectors



Connectors	Illustration	Remarks
Mouse		All models
RS-232		All models
Audio In- and Output for Computer (Mini jack)		All models
Monitor Input RGB (analog)		All models
Monitor Input DVI-I (digital)		All models
Monitor Output		All models

Connectors	Illustration	Remarks
S-Video (Mini-DIN)		All models
Video (Cinch)		All models
Audioeingang for Video (right / left) (Cinch)		All models
Component Video (Cinch)		Alle Modelle besides dv-X581
Electrical connection		All models

Scope of Delivey, Accessories, Order numbers, Warranty



■ Content of Delivery

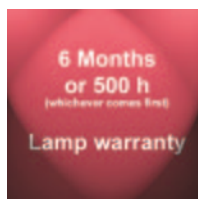
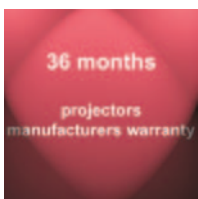
- Projector
- Remote Control with Laser Pointer and Mouse Function
- RGB Cable
- Power Cable

■ Accessories (optional)

- Spare Lampe
- Filter
- Softcase

■ Warranty

- 36 Months Warranty: For Projektor
- 6 Months or 500 hours Lamp Warranty (whichever comes first)



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Further product information can be found on our websites!

Data-/Video Projectors



Overhead Projectors



Documenten Cameras



Public Adress Systems



Episkop (Opaque)



Hitachi StarBoards



Screens



Accessories

