

you can  
**Canon** Projectors



# Projector Technology



## NEW EXTENDED WARRANTY

Every Canon multimedia projector is provided with an Extended Warranty, valid for a full 3 years after purchase of your projector. The applicable conditions and scope of the Extended Warranty are exclusively provided on Canon's European Warranty System card.

## POWERED ZOOM LENS

A powered zoom lens on Canon's newest XEED projectors allows image size to be controlled from either the main control panel or the remote control. The wide lens enables larger images to be displayed from shorter throw distances – perfect for smaller rooms.

## POWERED AUTO-FOCUS

The premium models in the Canon XEED range set their focus automatically, by instantly measuring the throw distance (see Page 90) at the touch of a button. Users can also adjust focus manually – particularly useful for non-standard installations, or where further fine adjustment is required.

## COMPLETE CONNECTIVITY

All projectors are equipped with interfaces to support Composite Video, S-Video and Analogue RGB. Optional adapter cables allow SCART or Component Video connections, while some models offer connectivity via DVI (Digital Visual Interface) for the very sharpest image quality. Canon's newest XEED models also support the HDCP encryption standard to enable viewing of protected digital content.



## HD READY

Native SXGA+ resolution delivers 1400 x 1050 pixels of crisp image detail. That's enough to comfortably keep pace with the increasing resolution of today's notebook computer displays. And now, business really can be mixed with pleasure, as the XEED SX6 and SX60 are both 'HD Ready' – capable of displaying high-definition movies in 720p format, without the need for compression. Even in 1080i format, only minimal compression is applied – the image quality has to be seen to be believed!

## AUTOMATIC INPUT SELECTION

Canon XEED projectors can auto-detect which of the connected video sources is active, automatically selecting the right input and informing the user via an LED adjacent to the connector.

## AUTO IMAGE ADJUSTMENT

By automatically selecting the correct resolution and image geometry to match the connected computer signal, Auto Image Adjustment removes the need for complex and time consuming manual adjustments.



## AISYS OPTICAL SYSTEM

Superior LCOS (Liquid Crystal on Silicon) image quality traditionally came at the expense of large projector size, low contrast, and less-than-impressive brightness.

So Canon's engineers set to work with their 'no compromise' attitude, pioneering AISYS (Aspectual Illumination System). This revolutionary new optical system accurately controls light from the lamp, optimising the performance of the LCOS panels. The result is projectors such as the SX6 and X600 that both produce a brilliant 3500 lumens and 1000:1 contrast from a chassis so compact, it defies belief.

Photographer: Andrew Ashby. Camera: EOS 300D.



Photographer: Paulo Bizarro. Camera: PowerShot Pro 1.



## QUIET AND ECONOMICAL

Canon's advanced cooling technology dramatically reduces operating noise. 'Quiet Mode' on the XEED SX60 achieves whisper-quiet 27 decibel operation, while the LV-X6 produces a practically inaudible 25 decibels. These two models are also extremely economical to run, with a lamp life of up to 4000 hours.

## REAR OR CEILING PROJECTION

An optional Ceiling Mounting Kit enables the projector to be permanently installed on a ceiling – ideal for meeting facilities and boardrooms. With rear projection, images are projected from behind the screen, keeping the projector out of sight.

## REMOTE CONTROLLER

Offers straightforward wireless control of the projector and even the mouse of your computer, putting you in total control of your presentation, from anywhere in the room. Some remote handsets also have an illuminated keypad for easy visibility in darkened rooms.

## DIGITAL KEYSTONE CORRECTION

Corrects distortion caused by projecting the image at an angle. All models compensate for vertical distortion, while some can also correct horizontal distortion. Using advanced tilt sensor technology, most models in the latest Canon range even performs the vertical adjustment automatically.

## SCREEN COLOUR CORRECTION

Canon projectors compensate for coloured walls and blackboards to deliver natural-looking images. New XEED SX6, XEED SX60 and XEED X600 take this feature a stage further, measuring the wall colour and correcting the output accordingly.

## PROGRESSIVE SCAN

All Canon projectors support Progressive Scan for clear, flicker-free images. Progressive sources are faithfully reproduced, while interlaced sources can be up-converted to progressive scan.

## 12-BIT DIGITAL GAMMA WITH DYNAMIC ENHANCEMENT

New 12-bit digital drive circuitry combats unwanted digital artefacts and improves reproduction of colour gradients. Dynamic Gamma further enhances moving images by emphasising contrast.

## RAPID START-UP AND SHUTDOWN

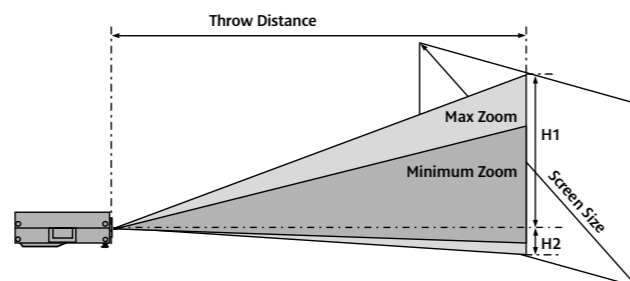
The LV range takes less than 10 seconds to start-up and a mere 30 seconds to cool down – for fast pack up without the wait. The Off & Go feature on new XEED models enables disconnection from the AC power supply immediately after use. Cooling continues after the projector has been unplugged, protecting the lamp from damage.

## EXPANDED COLOUR SPACE

Most models have a dedicated 'sRGB' image mode, designed for faithful colour reproduction from compatible sources. The flagship XEED SX6 is capable of displaying sRGB images with 100% accuracy, but also offers virtually accurate reproduction of Adobe RGB image sources, with best-in-class 86% support.

## THROW DISTANCE

The distance between the projector and screen is known as the 'throw distance'. Every projector has a minimum and maximum throw distance, limited only by focus capability and lamp power. Canon's powerful zoom lenses can deliver large image sizes from short throw distances, making them ideal for projecting in confined spaces. Powerful lamps ensure images stay bright, even when projected over long throw distances.



For more details, visit: [www.canon-europe.com/xeed](http://www.canon-europe.com/xeed), select 'Downloads', then choose the 'Distance Calculation Tool'.

## Throw Distance Chart

	XEED SX6			XEED SX60			XEED SX50			XEED X600		
Screen size	40"	100"	300"	40"	100"	300"	40"	100"	300"	40"	100"	300"
Maximum zoom	1.2m	3.0m	8.9m	1.2m	3.0m	8.9m	1.2m	3.0m	9.0m	1.2m	3.0m	8.9m
Minimum zoom	2.0m	4.9m	—	2.0m	4.9m	—	2.0m	5.1m	—	2.0m	4.9m	—
Height, H1	55cm	137cm	411cm	55cm	137cm	411cm	55cm	137cm	411cm	55cm	137cm	411cm
Height, H2	6cm	15cm	46cm	6cm	15cm	46cm	6cm	15cm	46cm	6cm	15cm	46cm

	LV-7575			LV-7255			LV-7250			LV-X6		
Screen size	40"	100"	300"	40"	100"	300"	40"	100"	300"	40"	100"	300"
Maximum zoom	1.4m	3.6m	11.0m	1.0m	2.5m	7.6m	1.1m	2.9m	8.8m	1.1m	2.9m	8.8m
Minimum zoom	1.8m	4.7m	14.4m	1.5m	3.9m	—	1.8m	4.6m	—	1.8m	4.6m	—
Height, H1	Dependent upon Lens Shift setting			55cm	137cm	411cm	52cm	130cm	392cm	52cm	130cm	392cm
Height, H2	Dependent upon Lens Shift setting			6cm	15cm	46cm	9cm	22cm	65cm	9cm	22cm	65cm

Photographer: Stéphane Martignier. Camera: EOS-1D Mark II.



## XEED SX6

As the flagship of the range, the XEED SX6 is the ultimate projector for maximum quality, high impact presentations. LCOS technology combines with SXGA+ resolution and Canon's unique AISYS optical system to provide detailed, seamless projection with an incredible brightness of 3,500 lumens.

- Astounding detail, with native SXGA+ resolution and full HD compatibility
- Ultra-bright images with Canon's superior AISYS optical system and 3,500 lumens
- Seamless high-definition images and clean video performance with LCOS display technology
- High 1000:1 contrast ratio for vivid images and deep colours
- Near-silent operation, just 31dBA in Quiet Mode
- Flexible projector placement with wide-angle 1.7x powered zoom lens
- Auto Focus and Auto Input Selection
- Automatic Keystone Correction ensures image edges stay parallel
- Auto Screen Colour Correction for natural image colours when projecting onto coloured surfaces
- HDCP-enabled DVI port for pin-sharp images from digital sources, including encrypted content



## XEED: Brighter thinking

Drawing on 60 years of optics ingenuity, Canon delivers XEED: bright, high contrast LCOS projection in delightfully compact packages.

Eliminating unsightly 'screen door' lattices that degrade conventional projector images, LCOS (Liquid Crystal on Silicon) is widely recognised as the ultimate image quality projection technology. But LCOS projectors are traditionally expensive, large, and force a compromise between contrast and brightness. Canon's AISYS (Aspectual Illumination System) system ends these concessions. Inside the HDTV compatible XEED SX6, AISYS delivers SXGA+ resolution, 3,500 lumens and a 1000:1 contrast ratio – all in a form so compact it defies reason. Diagonal lines are knife-sharp, subtle gradations of sky colours and skin tones are rendered velvet-smooth and colour vitality is assured - even in non-darkened rooms.



## XEED SX60

The XEED SX60 delivers bright, high contrast projection for crystal clear presentations and video playback. With SXGA+ resolution, near-silent operation and a dedicated Home Cinema mode, it will appeal to business users and movie enthusiasts alike.

- Incredible detail with native SXGA+ resolution and full HD compatibility
- Bright images with Canon's superior AISYS optical system and 2,500 lumens
- Seamless high-definition images and clean video performance with LCOS technology
- High 1000:1 contrast ratio for vivid images (increasing to 2000:1 in Home Cinema mode)
- Virtually silent operation, just 27dBA in Quiet Mode
- Flexible projector placement with wide-angle 1.7x powered zoom lens
- Auto Focus, Auto Input Selection and Auto Keystone Correction
- Auto Screen Colour Correction for natural image colours when projecting onto coloured surfaces
- HDCP-enabled DVI port for pin-sharp images from digital sources, including encrypted content





## XEED SX50

In a triumph of miniaturisation, Canon's engineers developed the world's first truly portable SXGA+ resolution projector. With a compact form rivalling that of many XGA projectors, the XEED SX50 represents a breakthrough in modern business presentations.

- Incredible detail with SXGA+ resolution (1400 x 1050 pixels)
- Bright, high contrast images with Canon's superior AISYS optical system and 2,500 lumens
- Seamless high-definition images and clean video performance with LCOS technology
- High 1000:1 contrast ratio for vivid images
- Low operating noise, 34dBA in Quiet Mode
- Wide angle lens for large images even in small rooms
- Flexible projector placement with 1.7x zoom
- Vertical and Horizontal Keystone Correction ensures that image edges stay parallel, regardless of projector placement
- Connects to DVD and HDTV, with DVI-I port and RGB out for external monitor connection
- World's smallest and lightest LCOS projector, weighing just 3.9 kilograms



AISYS  
Approved Business System



## XEED X600

As the world's first projector to feature the astounding clarity of LCOS technology combined with XGA resolution, the XEED X600 projects superior quality, high-brightness images from a petite frame.

- Superb detail and seamless images with LCOS technology and XGA resolution
- Ultra-bright images with Canon's superior AISYS optical system and 3,500 lumens
- High 1000:1 contrast ratio for vivid images
- Near-silent operation, just 31dBA in Quiet Mode
- Flexible projector placement with wide angle 1.7x powered zoom lens
- Auto Focus and Auto Input Selection
- Automatic Keystone Correction ensures image edges stay parallel
- Auto Screen Colour Correction for natural colours when projecting onto coloured surfaces
- HDCP-enabled DVI-I port for pin-sharp images from digital sources, including encrypted content
- Dedicated RGB output for an external monitor



AISYS  
Approved Business System



## LV-7575

The powerful LV-7575 delivers an incredible 5500 lumens brightness for large venue projection on screen sizes up to 400 inches diagonal. With advanced functionality, connectivity and flexibility, this professional model projects exceptional image quality in any environment.

- Native XGA resolution (1024 x 768 pixels), maximum UXGA resolution (1600 x 1200 pixels)
- Ultra-high brightness: 5500 lumens for powerful large-screen projection
- High 800:1 contrast ratio for vivid images
- Enhanced 10-bit Image Processing with 3D Noise Reduction, Intelligent Digital Sharpness, Colour Management and Auto Picture Control
- Superior Progressive Scanning ensures exceptional moving image quality
- Advanced multimedia connectivity: HDCP-enabled DVI-D interface, 5 x BNC terminals, Component Video and Analogue RGB output for external monitor connection
- Powered Lens Shift, variable from 1:1 to 10:0, allows precise placement of the projected image
- Four optional interchangeable lenses for impressive projection in any environment
- Optional Network Imager: remote operation and control capabilities



## LV-7255

With a 1.6x wide Canon lens, the LV-7255 is ideal for projection in spaces of any size – from corporate boardrooms to smaller meeting rooms. XGA resolution and powerful luminosity provide crisp, clear images even in broad daylight, all at an affordable price.

- High resolution, native XGA projection for crisp image detail
- 2,500 lumens for ultra bright, clear images even in daylight
- High 600:1 contrast ratio for brighter whites, darker blacks and vivid colours
- Near silent operation, just 30dBA in Quiet Mode
- Flexible placement and shorter throw distances with Canon wide 1.6x zoom lens – just 2.5 metres is needed for a large 100" image
- Automatic Vertical Keystone Correction, ensures image edges stay parallel
- Screen Colour Correction for natural colours even when projecting onto coloured surfaces
- Advanced multimedia connectivity with optional SCART and Component video adapters
- New ergonomic design – compact, lightweight and portable at just 3.3 kilograms



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## LV-7250

The affordable LV-7250 offers crisp, bright projection for professional presentations. The wide-angle Canon lens means flexible projector placement, even in the smallest meeting rooms. A stylish, compact device, it's also ideal for presenters on the move.

- High resolution, native XGA projection for crisp image detail
- 2,000 lumens for bright, clear images even in daylight
- High 600:1 contrast ratio for brighter whites, darker blacks and vivid colours
- Near silent operation, just 29dBA in Quiet Mode
- Canon wide angle 1.6x zoom lens for large image projection in small rooms
- Automatic Vertical Keystone Correction, ensures image edges stay parallel
- Screen Colour Correction for natural colours even when projecting onto blackboards or other coloured surfaces
- Advanced multimedia connectivity with optional SCART and Component video adapters
- New ergonomic design – compact, lightweight and portable at just 3.0 kilograms



## LV-X6

Crisp XGA projection at a brightness level that is easy on the eyes, the LV-X6 is the perfect classroom assistant. Quiet, unobtrusive and with specifications that allow for flexible placement, the LV-X6 is ideal for discerning educational institutions.

- High resolution, native XGA projection for crisp image detail
- 1,500 lumens – projection at an approved brightness level for the classroom
- 500:1 contrast ratio, ideal for display of learning material
- Virtually silent 25dBA operation in Quiet Mode
- Wide angle 1.6x lens projects a large image even in small rooms, allowing for shorter throw distances and flexible projector placement
- Vertical Keystone Correction, ensures that image edges stay parallel
- Screen Colour Correction for natural colours even when projecting onto blackboards or other coloured surfaces
- Advanced multimedia connectivity with optional SCART and Component video adapters
- New ergonomic design – compact, lightweight and portable at just 2.9 kilograms

## Projectors Specifications Chart

				
<b>MULTIMEDIA PROJECTOR</b>				
<b>Product Name</b>	<b>XCEED SX6</b>	<b>XCEED SX60</b>	<b>XCEED SX50</b>	<b>XCEED X600</b>
<b>Product Class</b>	Ultra-Portable	Ultra-Portable	Ultra-Portable	Ultra-Portable
<b>LCD PANEL</b>				
<b>Type</b>	LCOS Reflective Display, TFT Active Matrix	LCOS Reflective Display, TFT Active Matrix	LCOS Reflective Display, TFT Active Matrix	LCOS Reflective Display, TFT Active Matrix
<b>Size and Number</b>	0.7" diagonal, 3 panels	0.7" diagonal, 3 panels	0.7" diagonal, 3 panels	0.7" diagonal, 3 panels
<b>Aspect Ratio</b>	4:3	4:3	4:3	4:3
<b>Native Resolution</b>	1400 x 1050 (SXGA+), 1470000 pixels	1400 x 1050 (SXGA+), 1470000 pixels	1400 x 1050 (SXGA+), 1470000 pixels	1024 x 768 (XGA), 786432 pixels
<b>OPTICS</b>				
<b>Light Source</b>	270W NSH lamp	180W NSH lamp	200W NSH lamp	270W NSH lamp
<b>Lens F Number and Focal Length</b>	F1.85 - F2.5, f=21.7 - 35.8mm	F1.85 - F2.5, f=21.7 - 35.8mm	F1.85 - F2.5, f=22.0 - 37.0 mm	F1.85 - F2.5, f=21.7 - 35.8mm
<b>Zoom Magnification</b>	1.7x Motorised	1.7x Motorised	1.7x Manual	1.7x Motorised
<b>Zoom and Focus Control</b>	Motorised Auto Focus	Motorised Auto Focus	Manual Focus	Motorised Auto Focus
<b>Lens Shift</b>	9:1, fixed	9:1, fixed	9:1, fixed	9:1, fixed
<b>IMAGE AND AUDIO</b>				
<b>Brightness</b>	3,500 lumens	2,500 lumens	2,500 lumens	3,500 lumens
<b>Uniformity</b>	88%	88%	85%	88%
<b>Contrast Ratio</b>	1000:1 (full on / full off)	1000:1 (full on / full off) 2000:1 (full on / full off) in Home Cinema Mode	1000:1 (full on / full off)	1000:1 (full on / full off)
<b>Projection Distance Coverage</b>	1.2m - 9.0m (3.0m - 4.9m for 100" image)	1.2m - 9.0m (3.0m - 4.9m for 100" image)	1.2m - 9.1m (3.0m - 5.0m for 100" image)	1.2m - 9.0m (3.0m - 4.9m for 100" image)
<b>Screen Size</b>	40" - 300" (81 x 61cm - 610 x 457cm)	40" - 300" (81 x 61cm - 610 x 457cm)	40" - 300" (81 x 61cm - 610 x 457cm)	40" - 300" (81 x 61cm - 610 x 457cm)
<b>Digital Zoom Magnification</b>	1x - 12x	1x - 12x	1x - 12x	1x - 12x
<b>Keystone Correction Range</b>	Vertical: +/- 20° (Auto / Manual) Horizontal: +/- 20° (Manual)	Vertical: +/- 20° (Auto / Manual) Horizontal: +/- 20° (Manual)	Vertical: +/- 20° (Manual) Horizontal: +/- 20° (Manual)	Vertical: +/- 20° (Auto / Manual) Horizontal: +/- 20° (Manual)
<b>Digital RGB Compatibility</b>	D-SXGA+ / D-SXGA / D-WXGA / D-XGA / D-SVGA / D-VGA	D-SXGA+ / D-SXGA / D-WXGA / D-XGA / D-SVGA / D-VGA	D-SXGA+ / D-SXGA / D-XGA / D-SVGA / D-VGA	D-SXGA+ / D-SXGA / D-XGA / D-SVGA / D-VGA
<b>Analogue RGB Compatibility</b>	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
<b>Video Colour Systems</b>	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM
<b>HD / Component Scan Systems</b>	1080i / 1035i / 720p / 575p / 575i / 480p / 480i	1080i / 1035i / 720p / 575p / 575i / 480p / 480i	1080i / 1035i / 720p / 575p / 575i / 480p / 480i	1080i / 1035i / 720p / 575p / 575i / 480p / 480i
<b>Horizontal Video Resolution</b>	550 TV lines	550 TV lines	550 TV lines	550 TV lines
<b>Scanning Frequency</b>	Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz	Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz	Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz	Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz
<b>Display Modes</b>	Standard, Presentation, Movie & Photo, Adobe RGB, sRGB	Standard, Presentation, Movie, Home Cinema, sRGB	Standard, Presentation, Cinema, sRGB	Standard, Presentation, Movie, sRGB
<b>Image Enhancement Options</b>	12-bit Digital Gamma Correction, 6-axis Colour Adjust	12-bit Digital Gamma Correction, 6-axis Colour Adjust	Digital Gamma Correction, 6-axis Colour Adjust	12-bit Digital Gamma Correction, 6-axis Colour Adjust
<b>Built-In Audio</b>	1W RMS, Monaural	1W RMS, Monaural	1W RMS, Monaural	1W RMS, Monaural
<b>CONNECTORS</b>				
<b>Digital RGB / Digital Video Input</b>	DVI-I 29-pin (HDCP compatible)	DVI-I 29-pin (HDCP compatible)	DVI-I 29-pin (HDCP not supported)	DVI-I 29-pin (HDCP compatible)
<b>Analogue RGB Input</b>	Mini D-Sub 15-pin	Mini D-Sub 15-pin	Mini D-Sub 15-pin	Mini D-Sub 15-pin
<b>Analogue RGB Output</b>	Mini D-Sub 15-pin	Mini D-Sub 15-pin	Mini D-Sub 15-pin (shared with RGB Input 2)	Mini D-Sub 15-pin
<b>Component Video Input</b>	Via 3 x RCA adaptor cable (supplied)	Via 3 x RCA adaptor cable (supplied)	Via 3 x RCA adaptor cable (supplied)	Via 3 x RCA adaptor cable (supplied)
<b>S-Video Input</b>	Mini-DIN 4-pin	Mini-DIN 4-pin	Mini-DIN 4-pin	Mini-DIN 4-pin
<b>Composite Video Input</b>	RCA x 1	RCA x 1	RCA x 1	RCA x 1
<b>Audio Input</b>	3.5mm <sup>2</sup> stereo mini-jack	3.5mm <sup>2</sup> stereo mini-jack	3.5mm <sup>2</sup> stereo mini-jack	3.5mm <sup>2</sup> stereo mini-jack
<b>Audio Output</b>	—	—	—	—
<b>Mouse Control</b>	USB Type B	USB Type B	USB Type B	USB Type B
<b>Service Port / Projector Control</b>	Mini-DIN 8-pin	Mini-DIN 8-pin	Mini-DIN 8-pin	Mini-DIN 8-pin
<b>MECHANISMS</b>				
<b>Front Elevation Mechanism</b>	One-touch mechanical foot	One-touch mechanical foot	One-touch mechanical foot	One-touch mechanical foot
<b>Maximum Elevation Angle</b>	11.9°	11.9°	10.0°	11.9°
<b>RATINGS</b>				
<b>Dimensions (W x H x D)</b>	266 x 114 x 336mm	266 x 114 x 336mm	284mm x 96mm x 286mm	266 x 114 x 336mm
<b>Weight</b>	4.7kg	4.6kg	3.9kg	4.7kg
<b>Rated Supply Voltage</b>	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz
<b>Power Consumption</b>	Normal Mode: 355W / Quiet Mode: 290W / Standby: 7W	Normal Mode: 250W / Quiet Mode: 225W / Standby: 7W	Normal Mode: 290W / Quiet Mode: 240W / Standby: 6W	Normal Mode: 355W / Quiet Mode: 290W / Standby: 7W
<b>Noise Level</b>	Normal Mode: 35dBA / Quiet Mode: 31dBA	Normal Mode: 30dBA / Quiet Mode: 27dBA	Normal Mode: 37dBA / Quiet Mode: 34dBA	Normal Mode: 35dBA / Quiet Mode: 31dBA
<b>Operating Environment</b>	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C
<b>Storage Environment</b>	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
<b>Warranty</b>	3 years (90 days for lamp)	3 years (90 days for lamp)	3 years (90 days for lamp)	3 years (90 days for lamp)

## Projectors Specifications Chart

				
<b>MULTIMEDIA PROJECTOR</b>				
<b>Product Name</b>	<b>LV-7575</b>	<b>LV-7255</b>	<b>LV-7250</b>	<b>LV-X6</b>
<b>Product Class</b>	Portable	Ultra-Portable	Ultra-Portable	Ultra-Portable
<b>LCD PANEL</b>				
<b>Type</b>	Transmissive LCD, Poly-silicon TFT Active Matrix	Transmissive LCD, Poly-silicon TFT Active Matrix	Transmissive LCD, Poly-silicon TFT Active Matrix	Transmissive LCD, Poly-silicon TFT Active Matrix
<b>Size and Number</b>	1.3" diagonal, 3 panels	0.7" diagonal with microlens, 3 panels	0.6" diagonal with microlens, 3 panels	0.6" diagonal with microlens, 3 panels
<b>Aspect Ratio</b>	4:3	4:3	4:3	4:3
<b>Native Resolution</b>	1024 x 768 (XGA), 786432 pixels	1024 x 768 (XGA), 786432 pixels	1024 x 768 (XGA), 786432 pixels	1024 x 768 (XGA), 786432 pixels
<b>OPTICS</b>				
<b>Light Source</b>	318W UHP lamp	200W NSH lamp	190W NSH lamp	150W NSH lamp
<b>Lens F Number and Focal Length</b>	F1.8 - F2.1, f=48.4 - 62.8mm	F1.6 - F2.5, f=17.7 - 28.3mm	F1.6 - F2.5, f=17.7 - 28.3mm	F1.6 - F2.5, f=17.7 - 28.3mm
<b>Zoom Magnification</b>	1.3x Motorised	1.6x Manual	1.6x Manual	1.6x Manual
<b>Zoom and Focus Control</b>	Motorised Focus	Manual Focus	Manual Focus	Manual Focus
<b>Lens Shift</b>	1:1 - 10.0, motorised	9:1, fixed	8.6:1.4, fixed	8.6:1.4, fixed
<b>IMAGE AND AUDIO</b>				
<b>Brightness</b>	5,500 lumens	2,500 lumens	2,000 lumens	1,500 lumens
<b>Uniformity</b>	90%	85%	85%	85%
<b>Contrast Ratio</b>	800:1 (full on / full off)	600:1 (full on / full off)	600:1 (full on / full off)	500:1 (full on / full off)
<b>Projection Distance Coverage</b>	1.4m - 14.7m (3.6 - 4.7m for 100" image)	1.0m - 7.5m (2.5m - 3.9m for 100" image)	1.1m - 8.8m (2.9m - 4.6m for 100" image)	1.1m - 8.8m (2.9m - 4.6m for 100" image)
<b>Screen Size</b>	31" - 400" (63 x 47cm - 813 x 610cm)	25" - 300" (51 x 38cm - 610 x 457cm)	25" - 300" (51 x 38cm - 610 x 457cm)	25" - 300" (51 x 38cm - 610 x 457cm)
<b>Digital Zoom Magnification</b>	0.5x - 7x	1x - 4x	1x - 4x	1x - 4x
<b>Keystone Correction Range</b>	Vertical: +/- 35° (Manual) Horizontal: +/- 15° (Manual)	Vertical: +/- 30° (Auto / Manual) Horizontal: No	Vertical: +/- 30° (Auto / Manual) Horizontal: No	Vertical: +/- 30° (Auto / Manual) Horizontal: No
<b>Digital RGB Compatibility</b>	D-SXGA+ / D-SXGA / D-WXGA / D-XGA / D-SVGA / D-VGA	—	—	—
<b>Analogue RGB Compatibility</b>	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA / XGA / SVGA / VGA	UXGA / SXGA / XGA / SVGA / VGA	UXGA / SXGA / XGA / SVGA / VGA
<b>Video Colour Systems</b>	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / PAL-60 / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / PAL-60 / NTSC / NTSC4.43 / SECAM	PAL / PAL-M / PAL-N / PAL-60 / NTSC / NTSC4.43 / SECAM
<b>HD / Component Scan Systems</b>	1080i/1035i/720p/575p/575i/480p/480i	1080p / 1080i / 720p / 575p / 575i / 480p / 480i	1080i / 720p / 575p / 575i / 480p / 480i	1080i / 720p / 575p / 575i / 480p / 480i
<b>Horizontal Video Resolution</b>	800 TV lines (HDTV)	540 TV lines	540 TV lines	540 TV lines
<b>Scanning Frequency</b>	Horizontal: 15-100kHz, Vertical: 48-100Hz, Clock: 108MHz	Horizontal: 15-100kHz, Vertical: 50-120Hz, Clock: 108MHz	Horizontal: 15-100kHz, Vertical: 50-120Hz, Clock: 108MHz	Horizontal: 15-100kHz, Vertical: 50-120Hz, Clock: 108MHz
<b>Display Modes</b>	Standard, High Contrast, Cinema, Custom	Standard, Presentation, Movie, Video, sRGB, Custom	Standard, Presentation, Movie, Video, sRGB, Custom	Standard, Presentation, Movie, Video, sRGB, Custom
<b>Image Enhancement Options</b>	10-bit Image Enhancement Processor	Digital Gamma Correction	Digital Gamma Correction	Digital Gamma Correction
<b>Built-In Audio</b>	2W RMS per channel, Stereo	1W RMS, Monaural	1W RMS, Monaural	1W RMS, Monaural
<b>CONNECTORS</b>				
<b>Digital RGB / Digital Video Input</b>	DVI-D 24-pin (HDCP compatible)	—	—	—
<b>Analogue RGB Input</b>	Mini D-Sub 15-pin, BNC x 5	2 x Mini D-Sub 15-pin	2 x Mini D-Sub 15-pin	Mini D-Sub 15-pin
<b>Analogue RGB Output</b>	Mini D-Sub 15-pin (shared with RGB Input 1)	Mini D-Sub 15-pin	Mini D-Sub 15-pin	Mini D-Sub 15-pin
<b>Component Video Input</b>	BNC x 3, RCA x 3	Via 3 x RCA adaptor cable (optional)	Via 3 x RCA adaptor cable (optional)	Via 3 x RCA adaptor cable (optional)
<b>S-Video Input</b>	Mini DIN 4-pin	Mini DIN 4-pin	Mini DIN 4-pin	Mini DIN 4-pin
<b>Composite Video Input</b>	BNC x 1, RCA x 1	RCA x 1	RCA x 1	RCA x 1
<b>Audio Input</b>	2 x 3.5mm <sup>2</sup> stereo mini-jacks, RCA x 2 (L/R)	3.5mm <sup>2</sup> stereo mini-jack, RCA x 2 (L/R)	3.5mm <sup>2</sup> stereo mini-jack, RCA x 2 (L/R)	3.5mm <sup>2</sup> stereo mini-jack, RCA x 2 (L/R)
<b>Audio Output</b>	3.5mm <sup>2</sup> stereo mini-jack (shared with Audio Input 1)	3.5mm <sup>2</sup> stereo mini-jack (variable level)	3.5mm <sup>2</sup> stereo mini-jack (variable level)	—
<b>Mouse Control</b>	USB Type B	Via USB infra-red receiver (supplied)	Via USB infra-red receiver (supplied)	—
<b>Service Port / Projector Control</b>	Mini-DIN 8-pin	Mini-DIN 8-pin	Mini-DIN 8-pin	Mini-DIN 8-pin
<b>MECHANISMS</b>				
<b>Front Elevation Mechanism</b>	Adjustable feet x 2	One-touch mechanical foot	One-touch mechanical foot	One-touch mechanical foot
<b>Maximum Elevation Angle</b>	10.5°	10.0°	10.0°	10.0°
<b>RATINGS</b>				
<b>Dimensions (W x H x D)</b>	319mm x 168mm x 430mm (with standard lens)	296mm x 110mm x 273mm	310mm x 109mm x 265mm	310mm x 109mm x 265mm
<b>Weight</b>	8.7kg (with standard lens)	3.3kg	3.0kg	2.9kg
<b>Rated Supply Voltage</b>	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz	AC 100V - 240V, 50/60Hz
<b>Power Consumption</b>	Normal Mode: 480W / Quiet Mode: 365W / Standby: 26W	Normal Mode: 275W / Quiet Mode: 210W / Standby: 8W	Normal Mode: 260W / Quiet Mode: 220W / Standby: 8W	Normal Mode: 215W / Quiet Mode: 180W / Standby: 8W
<b>Noise Level</b>	Normal Mode: 38dBA / Quiet Mode: 36dBA	Normal Mode: 35dBA / Quiet Mode: 30dBA	Normal Mode: 35dBA / Quiet Mode: 29dBA	Normal Mode: 32dBA / Quiet Mode: 25dBA
<b>Operating Environment</b>	+5°C to +35°C	+5°C to +35°C	+5°C to +40°C	+5°C to +40°C
<b>Storage Environment</b>	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
<b>Warranty</b>	3 years (90 days for lamp)	3 years (90 days for lamp)	3 years (90 days for lamp)	3 years (90 days for lamp)



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