Canon
Delighting You Always

THE
BEST IN
CANON LCOS AND LCD PROJECTORS
PROJECTOR
TECHNOLOGY

AISYS

CANON ZOOM LENS

22.0-37.0mm F1.85-2.5

IF IT LOOKS THIS GOOD,

IT MUST BE CANON OPTICS

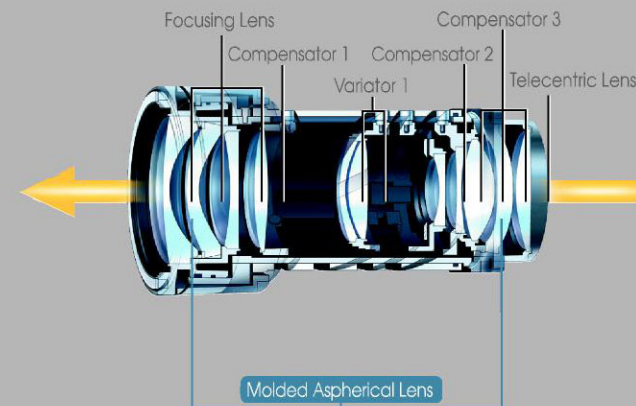## A Legacy of Optical Breakthrough Technologies

The prowess of a projector relies significantly on the quality of its lens. With some 70 years of imaging experience and expertise, Canon has pioneered and perfected the technologies in making projectors that consistently outperform its rivals. Canon projectors have gained worldwide recognition as highly advanced devices displaying unsurpassed imaging quality at an price point unmatched even by its fiercest competitors.

In the heart of every Canon projector lies the latest innovative display of panels and optical engines that reproduce clearer, brighter and more lifelike images every time. The genuine Canon lenses employed in Canon projectors are finely honed precision instruments engineered to the highest specifications. With such stunning display of high-quality images, Canon projectors are ideal companion for corporate presentation, educational purposes and even cinematic home theatre experience.

The Cross Section Of A Canon Projector Lens

Focusing Lens · Compensator 1 · Variator 1 · Compensator 2 · Compensator 3 · Telecentric Lens · Molded Aspherical Lens

Helps produce a more vivid image by limiting distortion, astigmatism and sperical aberration. Also reduces the number of lens elements required for clear projection.

Powerful Wide-Angle Zoom Lens

Normally, a projector must be positioned far away from the screen to project a large image. Canon understand this is a constant problem for offices with small meeting area. To overcome this physical contraint, Canon features powerful wide-angle zoom lenses in both XEED projectors (with 1.7x zoom lenses) and LV projectors (with 1.6x zoom lenses), allowing user to achieve huge, vibrant images from less than 2 metres. This is very useful for those who require home theatre setup.

Delivers Bigger Images From Short Distances

XEED SERIES LCOS PROJECTOR

Canon XEED Projectors
The Synergy of Two Revolutionary Technologies; LCOS & AISYS

LCOS

LCOS, or Liquid Crystal on Silicon, is the latest evolution in projector technology that allows pixels to be placed next to each successive pixel with an ultra-fine pitch. LCOS unites the best of LCD and DLP technologies into a single machine, displaying both movie and data presentations with seamless, breathtaking clarity.

LCOS REFLECTIVE LCD PANELS

TRANSMISSIVE LCD PANELS

AISYS Optical System Technology

To overcome the cumbersome size and high cost of traditional LCOS projectors, Canon developed AISYS (Aspectual Illumination System), a unique optical illumination system incorporating LCOS technology into a remarkable compact body. AISYS achieves a lightweight and compact chassis without compromising on brightness and contrast.

AISYS
Aspectual Illumination System

Clearer Text & Graphs

Native SXGA+ resolution displays at 1400 x 1050 pixels, allowing text and figures to be shown with absolute clarity. The synergy of LCOS and AYSIS allows details such as fine lines and text to be displayed with unsurpassed sharpness.
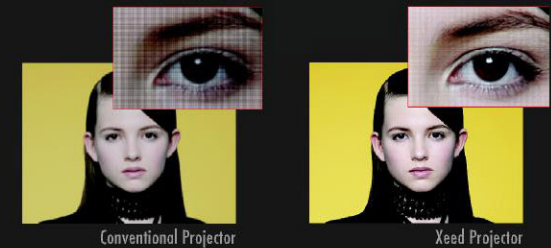
Comparison of Text Projection

Conventional Projector
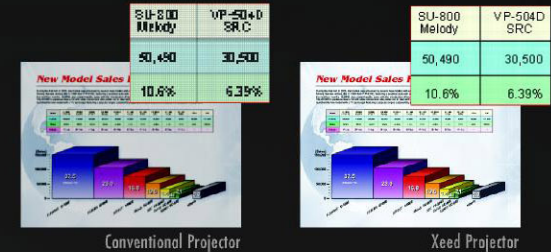
Xeed Projector

Smoother Photos & Movies

The XEED projectors display photos and movies with breathtaking smoothness and definition - perfect for rich home theatre experience or projecting of corporate videos.

Comparison of Tones and Details

Conventional Projector

Xeed Projector

Accurate Colour Reproduction

From professional photographers to architects, an impressive presentation depends on accurate, high-quality colour reproduction to ensure projected images look precisely as the creators intended. The XEED projectors support a wide spectrum of colours including sRGB and even Adobe RGB* for superb reproduction of rich, natural colours.

*For XEED SX6 only

Comparison of Colour Accuracy
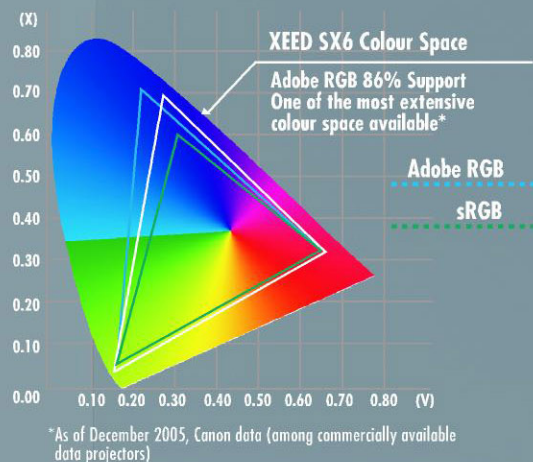
Conventional Projector
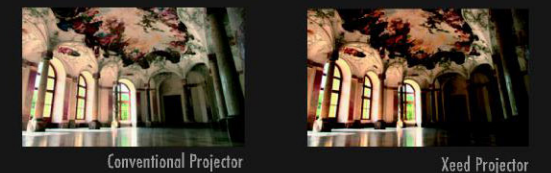
Xeed Projector

FEATURES XEED PROJECTOR RANGE

Adobe RGB and sRGB Colour Space

All XEED projectors feature sRGB mode, ensuring faithful reproduction of images through colour consistency with other sRGB compliant systems.

The XEED SX60 has special colour filters to achieve an expanded colour space in Home Cinema mode for vibrant, high-impact cinematic experience.

The XEED SX6 supports Adobe RGB, to give designers and photographic professionals confidence that their colours will be projected accurately across a wider colour space.
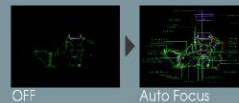
XEED SX6 Colour Space

Adobe RGB 86% Support
One of the most extensive
colour space available*

Adobe RGB
sRGB

(X)
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00

0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 (V)

*As of December 2005, Canon data (among commercially available data projectors)

AUTO SET-UP*

POWER AUTO SET

Auto Set-up function performs 4 vital set-up configurations automatically, at the touch of a button, in as little as 4 seconds. This convenient function is especially useful for inexperienced user to effortlessly create an ideal viewing configuration.

① **Auto Focus** ▶▶▶ ② **Auto Input** ▶▶▶ ③ **Auto Keystone** ▶▶▶ ④ **Auto Colour Screen**

| Auto Focus	Auto Input	Auto Keystone	Auto Colour Screen
Infrared sensor measures distance to the screen, accurately adjusting the focus as quickly as 1 sec. Focus can also be manually adjusted.	Automatically detects and displays signal from input terminals.	Automatically corrects image distortion caused by projecting from an angle up to +/-20°. Keystone correction can also be manually adjusted.	Automatically adjusts colour balance to compensate for varying screen colour. Compensation can also be manually adjusted.

OFF ▸ Auto Focus

Keystone Distortion ▸ Auto Keystone

OFF ▸ Auto Colour Screen
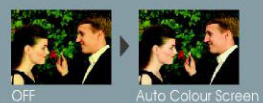
*Not available on SX50

XEED SX6
MULTIMEDIA PROJECTOR

- SXGA+ Resolution (1400x1050)
- Ultra-bright 3500 Lumens
- 1.7x Wide-Angle Zoom Lens
- 1000:1 Contrast Ratio
- Support Adobe RGB and sRGB Colour Space

XEED SX60
MULTIMEDIA PROJECTOR

- SXGA+ Resolution (1400x1050)
- Super-bright 2500 Lumens
- 1.7x Wide-Angle Zoom Lens
- 2000:1 Contrast Ratio (in Home Cinema Mode)
- Support sRGB Colour Space

XEED SX50
MULTIMEDIA PROJECTOR

- SXGA+ Resolution (1400x1050)
- Super-bright 2500 Lumens
- 1.7x Wide-Angle Zoom Lens
- 1000:1 Contrast Ratio
- Support sRGB Colour Space

XEED X600
MULTIMEDIA PROJECTOR

- World's First XGA LCOS Projector (1024x768)
- Ultra-bright 3500 Lumens
- 1.7x Wide-Angle Zoom Lens
- 1000:1 Contrast Ratio
- Support sRGB Colour Space

SPECIFICATION **XEED SERIES**

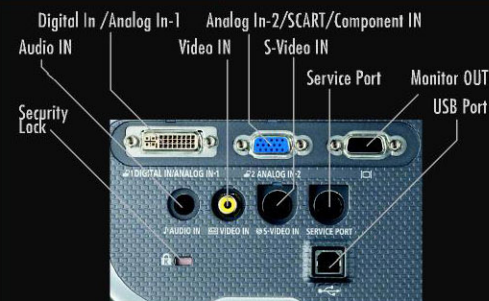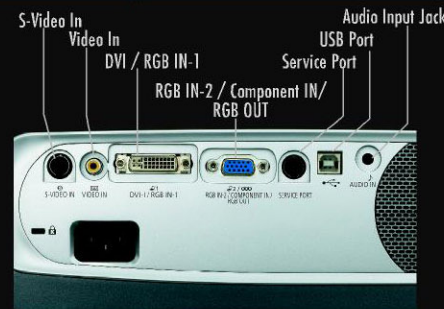|	**XEED SX6** MULTIMEDIA PROJECTOR	**XEED SX60** MULTIMEDIA PROJECTOR	**XEED SX50** MULTIMEDIA PROJECTOR	**XEED X600** MULTIMEDIA PROJECTOR
Display Panel	0.7" LCOS Reflective LCD x 3	0.7" LCOS Reflective LCD x 3	0.7" LCOS Reflective LCD x 3	0.7" LCOS Reflective LCD x 3
Number of Pixels	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	1024 x 1768 (XGA)
Brightness (lumens)	3500 lumens	2500 lumens	2500 lumens	3500 lumens
Contrast Ratio	1000:1	1000:1 (2000:1 Home Cinema Mode)	1000:1	1000:1
Projection Lens	1.7x Powered Zoom	1.7x Powered Zoom	1.7x Manual Zoom	1.7x Powered Zoom
	F1.85 ~ 2.5; f = 22.0mm ~ 37.0mm	F1.85 ~ 2.5; f = 22.0mm ~ 37.0mm	F1.85 ~ 2.5; f = 22.0mm ~ 37.0mm	F1.85 ~ 2.5; f = 22.0mm ~ 37.0mm
Light Source	270W NSH Lamp	180W NSH Lamp	200W UHP Lamp	270W NSH Lamp
Brightness Uniformity	85%	85%	85%	85%
Projection Image Size	40" ~ 300"	40" ~ 300"	40" ~ 300"	40" ~ 300"
(Throw Distance)	(1.2m ~ 9.0m)	(1.2m ~ 9.0m)	(1.2m ~ 9.0m)	(1.2m ~ 9.0m)
For 100" Screen Size	3.0m ~ 4.9m	3.0m ~ 4.9m	3.0m ~ 4.9m	3.0m ~ 4.9m
Colour System	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N
HDTV	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
Speakers	1 speaker: 1W Monaural	1 speaker: 1W Monaural	1 speaker: 1W Monaural	1 speaker: 1W Monaural
Digital Keystone	20 degrees Vertical (Auto)	20 degrees Vertical (Auto)	20 degrees Vertical	20 degrees Vertical (Auto)
Correction	20 degrees Horizontal	20 degrees Horizontal	20 degrees Horizontal	20 degrees Horizontal
Power Consumption	270W	180W	290W	270W
Dimension (WxHxD)	266 x 336 x 114mm	266 x 336 x 114mm	284 x 96 x 286mm	266 x 336 x 114mm
Weight	4.7kg	4.6kg	3.9kg	4.7kg

SPECIFICATIONS

TERMINALS

Digital In /Analog In-1   Analog In-2/SCART/Component IN
Audio IN   Video IN   S-Video IN
Security Lock   Service Port   Monitor OUT   USB Port

XEED SX6 | **XEED** SX60 | **XEED** X600

S-Video In   Audio Input Jack
Video In   USB Port
DVI / RGB IN-1   Service Port
RGB IN-2 / Component IN/ RGB OUT

XEED SX50

KIT CONTENTS

Owner's Manual
AC Power Cord
Remote Control Unit & Batteries
DVI-VGA Cable
Component-VGA Cable
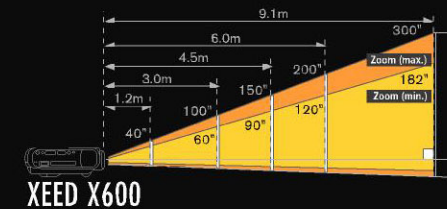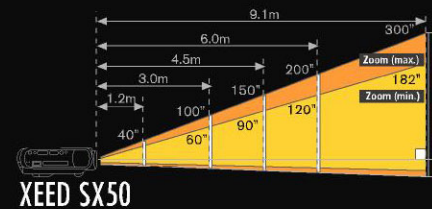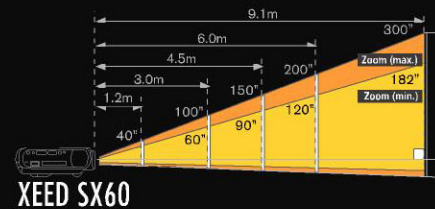USB Cable

Lens Cover with Lens Cap Strap
Soft Carrying Bag

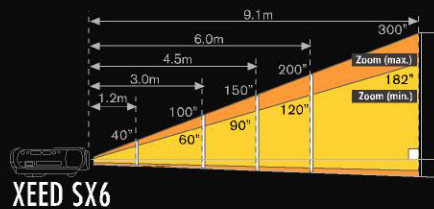**XEED** SX6 | **XEED** SX60 | **XEED** X600

Owner's Manual
AC Power Cord
Remote Control Unit & Batteries
DVI-VGA Cable
Component-VGA Cable
USB Cable

Lens Cover with Lens Cap Strap
Soft Carrying Bag

XEED SX50

POSITIONING THE PROJECTOR

XEED SX6

XEED SX60

XEED SX50

XEED X600

LV SERIES LCD PROJECTOR

Canon LV Projectors — Presenting the Best of LCD Technology

Canon LCD projectors employ three LCD panels for projecting the primary colours — red, green and blue — simultaneously for a visually more satisfying feast of natural-colour images. View the Canon difference for yourself — genuine Canon lenses in the optical engine provides the performance edge other projectors simply cannot match. You will be drawn to the brighter images of a Canon LCD multimedia projector with its remarkably smoother colour gradations and shade. Even the smallest details are clearly defined with images that are visibly more natural and lifelike, besides being gentler on the eyes.

Advanced Features for the Discerning

Apart from delivering crisp, clear images in native XGA resolution, the new LV projectors have 1.6x zoom lens for projecting huge 80-inch images from as close as two metres. Auto Keystone Correction and Screen Colour setting quickly ready the projector for optimal results. The control panel is also improved to simplify operation and enhances greater ease-of-use.

Multiple Projection Modes

The LV projectors allow setting of projection mode to ensure images are best optimized according to content type. Choose from five automatic image modes - Presentation, Video, Cinema, Standard and sRGB. The LV-7255 offers an additional User (custom) mode for fine gamma adjustment useful for correcting images that are too dark or too bright.
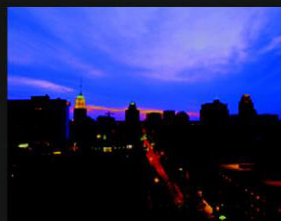
Sleek Design

Few can argue that the new LV projectors are so stunningly designed they not only look good but are also conveniently compact, light-weighted and portable. This means presenter on the move can be totally reliant on the LV projectors for delivering superb presentation in great style.
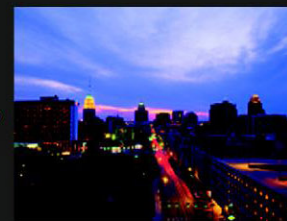
Easy-to-operate Control Panel

Powerful 1.6x Zoom Lens

Original Image

Custom Mode

POWER | INPUT | AUTO PC
WARNING | LAMP

LV RANGE

CANON ZOOM LENS
17.7-28.3mm F1.6-2.5

:: Introducing the LV Projector Range — LV-7565/F, LV-7255, LV-7250 & LV-X6

LV-7565/F

:: XGA resolution | Ultra-Bright 5100 lumens | 900:1 contrast ratio
1.3x powered wide-angle zoom lens
Four optional lenses and optional Network Imager

LV-7255

:: XGA resolution | Bright 2500 lumens | 600:1 contrast ratio
1.6x wide-angle zoom lens | Near-silent 30dBA in Quiet mode

LV-7250

:: XGA resolution | Bright 2000 lumens | 600:1 contrast ratio
1.6x wide-angle zoom lens | Near-silent 29dBA in Quiet mode

LV-X6

:: XGA resolution | Controlled 1500 lumens | 500:1 contrast ratio
1.6x wide-angle zoom lens | Near-silent 25dBA in Quiet mode

KIT CONTENT

LV-7565/F

Owner's Manual
AC Power Cord
Wireless/Wired Remote
Control Unit
(with laser pointer function)
Batteries
Wired Remote Cable
VGA Cable
USB Cable
1 Control Cable (for Serial)
Protective Dust Cover

Lens Cover (LV-7565)
Lens Attachment (LV-7565F)

LV-7255 / LV-7250 / LV-X6

Quick Guide
Owner's Manual CD-ROM
AC Power Cord
Remote Control Unit &
Batteries
VGA Cable
Lens Cover with String
Soft Carrying Case
Remote Mouse Receiver
(except LV-X6)

Carrying Handle with Screws
and Flathead Screwdriver

OPTIONAL LENSES
& ACCESSORY (For LV-7565/F)

Ultra Wide Angle Lens (LV-IL01)
Lens: f=22.33mm, F2.5
Projected Image: 70" to 120"
Throw Distance: 1.13 to 1.96 m

Wide Angle Zoom Lens (LV-IL02)
Lens: f=34.33 - 48.02mm, F2.5 - 3.06
Projected Image: 40" to 300"
Throw Distance: 0.98 to 7.74 m

Long Focus Zoom Lens (LV-IL03)
Lens: f=63.5 - 111.5mm, F2.03 - 2.89
Projected Image: 60" to 300"
Throw Distance: 2.73 to 14.23 m

Ultra Long Focus Lens (LV-IL04)
Lens: f=111.6 - 155.2mm, F2.06 -2.73
Zoom: 1.4x
Projected Image: 40" to 300"
Throw Distance: 3.48 to 25.0 m

The Network Imager connects LV-7565/F
to your computer network for remote
management of the projector via graphical
user interface.

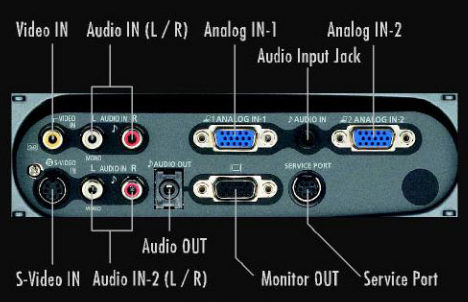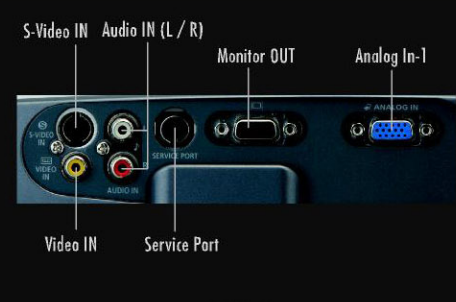|	LV-7565/F	LV-7255	LV-7250	LV-X6
Display Panel	1.3" LCD TFT Active Matrix Type x 3	0.7" LCD Type Active Matrix Type x 3	0.6" LCD Type Active Matrix Type x 3	0.6" LCD Type Active Matrix Type x 3
Number of Pixels	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness (lumens)	5100/4300 lumens	2500 lumens	2000 lumens	1500 lumens
Contrast Ratio	400:1	600:1	600:1	500:1
Projection Lens	1.3x Powered Zoom & Focus	1.6x Manual Zoom	1.6x Manual Zoom	1.6x Manual Zoom
	F1.7 ~ 2.0; f = 48.2mm ~ 62.6mm	F1.6 ~ 2.5; f = 17.7mm ~ 28.3mm	F1.6 ~ 2.5; f = 17.7mm ~ 28.3mm	F1.6 ~ 2.5; f = 17.7mm ~ 28.3mm
Light Source	300W NSH Lamp	200W NSH Lamp	190W NSH Lamp	150W NSH Lamp
Brightness Uniformity	90%	85%	85%	85%
Projection Image Size (Throw Distance)	31" ~ 400" (1.4m ~ 14.7m)	25" ~ 300" (0.9m ~ 7.6m)	25" ~ 300" (1.1m ~ 8.8m)	25" ~ 300" (1.1m ~ 8.8m)
For 100" Screen Size	3.6m ~ 4.7m	2.5m ~ 3.9m	2.9m ~ 4.6m	2.9m ~ 4.6m
Colour System	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N
HDTV	1080i / 1035i / 720p / 575p / 575i / 480p / 480i	1080i / 720p / 576p / 576i / 480p / 480i	1080i / 720p / 576p / 576i / 480p / 480i	1080i / 720p / 576p / 576i / 480p / 480i
Speakers	2 speakers: 2W + 2W Stereo	1 speaker: 1W Monaural	1 speaker: 1W Monaural	1 speaker: 1W Monaural
Digital Keystone Correction	40 degrees Vertical 10 degrees Horizontal	30 degrees Vertical (Auto)	30 degrees Vertical (Auto)	30 degrees Vertical
Power Consumption	450W	250W	250W	250W
Dimension (WxHxD)	319 x 168 x 470mm	296 x 273 x 110mm	310 x 265 x 109mm	310 x 265 x 109mm
Weight	9.3kg/8.0kg	3.3kg	3.0kg	2.9kg

SPECIFICATIONS

TERMINALS

LV-7565/F

- Reset Button
- VGS Terminal (RGB Input Analog IN/OUT)
- USB Port
- Audio Input Jack
- Video Input 2 Jack Cb/Pb
- Video Input 2 Jack Y
- Video Input 3 Jack Cb/Pb
- Video Input 3 Jack Y
- Video Input 3 Jack Cr/Pr
- DVI Terminal (RGB Input Digital, HDCP-compatible)
- Audio Input Jack
- R/C Jack
- Control Port Connector
- Video Input 2 Jack Cr/Pr
- Video Input 2 Jack H/V
- Video Input 2 Jack V
- S-Video Input Jack
- Audio Input Jack L
- Audio Input Jack R

LV-7255

- Video IN
- Audio IN (L / R)
- Analog IN-1
- Analog IN-2
- Audio Input Jack
- S-Video IN
- Audio IN-2 (L / R)
- Audio OUT
- Monitor OUT
- Service Port

LV-7250

- S-Video IN
- Audio IN (L / R)
- Audio Input Jack
- Monitor OUT
- Analog In-1
- Video IN
- Service Port
- Audio OUT
- Analog In-2

LV-X6

- S-Video IN
- Audio IN (L / R)
- Monitor OUT
- Analog In-1
- Video IN
- Service Port

POSITIONING THE PROJECTOR

LV-7565/F

14.7m / 11.0m / 7.3m / 3.6m / 1.4m
400" / 308" Zoom (max.) / 300" / 231" / 200" / 154" Zoom (min.) / 100" / 77" / 40" / 31"

LV-7255

7.6m / 5.0m / 3.8m / 2.5m / 1.0m
300" / Zoom (max.) 200" / 190" Zoom (min.) / 150" / 122" / 100" / 95" / 62" / 40"

LV-7250

8.8m / 5.9m / 4.4m / 2.9m / 1.2m
300" / Zoom (max.) 200" / 190" Zoom (min.) / 150" / 122" / 100" / 95" / 62" / 40"

LV-X6

8.8m / 5.9m / 4.4m / 2.9m / 1.2m
300" / Zoom (max.) 200" / 190" Zoom (min.) / 150" / 122" / 100" / 95" / 62" / 40"
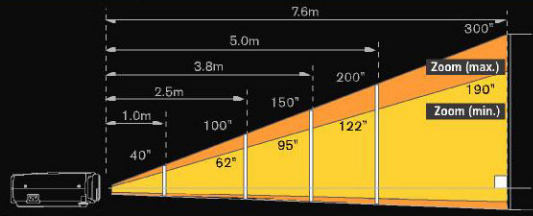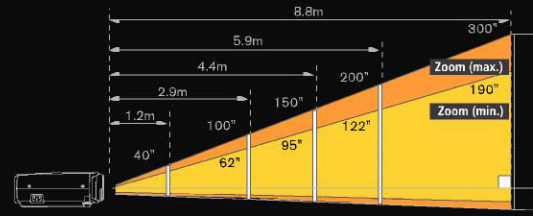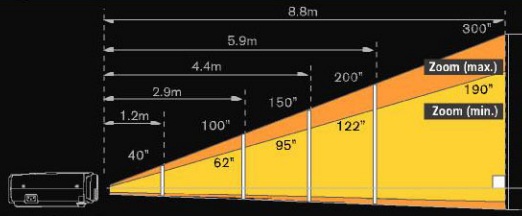
AWARDS & TESTIMONIALS

⠿ A Testament to Our Success

Canon's first XEED projector SX50 won the prestigious TIPA award in 2005, bagging the title of "Best Photo Projector in Europe, 2005". It also won the celebrated title of "Projector of the Year" in Japan. HardwareMAG (HWM) presented XEED SX50 with the Platinum Award and gave it a perfect score of 10 out of 10 for excellence. HardwareZone.com, the leading tech site in Southeast Asia describes the XEED SX50 as:

"The Canon XEED SX50 was awarded the "Best of 2005" Award because of its excellent image quality and it gives the best mix of contrast & color. It is better than the 3-panel LCD projector and much more affordable than a 3-panel DLP projector. All in all, its price positioning made it a clear winner which no other projectors can offer in terms of image quality, within that price range."

The XEED SX50 has also found its way to the hearts of many professional photographers and photo studios, winning accolades for its outstanding capability in accurate colour reproduction and fine representation of details in the world of photography. The XEED SX50 has also found its way to government agencies, schools, medical research institutions, technological research facilities, design and architecture firms all over the world.

"Stylish design and superb colour separation, real life projection"
- Ms Zafina, Business Today

"Never seen such a seamless image of projection before"
- Mr Rizahar B Ramli, Cosmoelite Sdn Bhd

"This is the moment that we are waiting for, the best of LCD and DLP technologies, giving the best detailed projection ever since"
*- Dr. Philip Ng, Hot Entertainment*

Canon

VISUALIZER RE-455X

▷ Visualizer RE-455X

The Canon RE-455X visualizer incorporates Canon's sophisticated lens technology, beautifully displaying documents, 3-D objects and moving pictures for presentations that will captivate and dazzle audiences. The RE-455X can be connected directly to a Canon projector or a TV via XGA, Video, or S-Video terminals.

▷ The RE-455X has XGA (1,024 x 768 pixels) resolution for displaying highly-detailed images. Equipped with a high magnification 12x power zoom lens ensures full-screen projection of minute objects and fine document.

▷ The new One-shot AF mode effortlessly achieves focus at the touch of a button, further adding convenience to frequent changing of subjects during the presentation.

▷ Connect your PC to the RE-455X, then switch between the RGB input from your computer and the image from the RE-455X for a single, seamless presentation.
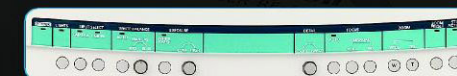
EASY-TO-USE ONE-TOUCH BUTTON

OPTION 1
Show documents or photos.

OPTION 2
Project 3-D objects.

RESULT
Sharp, detailed images that dazzle audiences.

OPTICS	Lens	F = 1.8~2.8, f = 5.4~64.8mm
	Zoom	12x Power Zoom
	Focusing	Auto / Manual / One-shot
	Iris Adjustment	Automatic Iris servo system
IMAGE DEVICE	Pickup Element	1/3-inch CCD
	Total No. of Pixels	850,000 pixels (effective 1024 X 768)
	Frame Rate (capture)	15 fps (XGA), 30 fps (Video)
	Frame Rate (output)	60 fps (XGA), 30 fps (Video)
	Synchronization	Internal Sync.
	White Balance	Auto / Manual
	Imaging Area	[31.5 x 23.7mm] ~ [306 x 230mm]
POWER	Power Source	100-240 VAC, 50/60Hz
	Power Consumption	Approx. 23W
WEIGHT	Weight	9.4kg
DIMENSIONS	Operating	722 x 525 x 556mm
	Folded	486 x 525 x 183mm

TERMINALS	Input Terminals	
	RGB Input	(XGA) D-SUB 15-pin x 1
	Output Terminals	
	RGB Output	(XGA) D-SUB 15-pin x 1
	Composite Video Output	RCA pin jack x 1
	S-video Ouput	4-pin mini-DIN x 1
	RS-232C Terminal	8-pin mini-DIN x 19,600 bps
VIDEO OUTPUT	Video Signal	PAL
	Resolution (Composite)	Horizontal: 380, Vertical: 320
	Resolution (S-Video)	Horizontal: 420, Vertical: 350
	Signal-to-Noise Ratio	Composite: 42dB / S-Video: 44 dB
RGB OUTPUT	System	XGA (1024 x 768), Non-interlaced, 60Hz
	Resolution	Horizontal: 500, Vertical: 500 TV lines
	Signal-to-Noise Ratio	38 dB
LIGHTING	Illumination Lamp (two)	6W Flourescent x 2

Dealer's Stamp

APRIL2006 0062W151