Multimedia Projector

LV-8227A

Enhance learning experiences with bright, widescreen images from the WXGA LV-8227A.

The LV-8227A offers WXGA resolution, 2500 lumens, HDMI™ and powerful 10W audio. It is ideal for corporate and education environments requiring high performance, easy setup and reduced running costs.

- WXGA RESOLUTION
- 2500 LUMENS
- 3000:1 CONTRAST RATIO
- 1.2x ZOOM LENS
- AUTO SETUP
- BUILT-IN 10W SPEAKER
- 6000 HOUR LAMP LIFE

Key features

- Native WXGA resolution (1280 x 800 pixels) with 16:10 wide-aspect ratio
- 2500 lumens for bright, clear images
- High 3000:1 contrast ratio with Auto Iris, delivering deep blacks and vivid colours
- Canon wide-angle 1.2x zoom projection lens
- Easy to operate with Auto Input Search and Auto Vertical Keystone Correction
- HDMI™ input for clear images from digital sources
- Built-in audio with powerful 10W output, plus line-out terminal
- Sustainable Features: 6000 hour lamp life, 5500 hour filter life and less than 1W power consumption in standby (network off, all in Eco Mode)
- Low Noise: Just 29dBA in Eco Mode
- RJ-45 network port for remote monitoring and control

What's in the Box

LV-8227A Multimedia Projector, Remote Controller, AAA Batteries (x2), AC Mains Power Cable, Ferrite Core, VGA Computer Connection Cable, Lens Cap with Strap, PIN Code Label, Instruction Manual on CD-ROM, Important Information and Quick Start Guide, Filter Cover for Ceiling Mount, Warranty Card

Dimensions (W x H x D)

334 x 101 x 247 mm

Weight

3.0 kg

PROJECTOR

Canon

LV-8227A

Specifications

MULTIMEDIA PROJECTOR	
Product Class	Ultra-Portable
PANEL	
Type	Transmissive LCD, Poly-silicon TFT Active Matrix
Size and Number	0.59" diagonal, 3 panels
Aspect Ratio	16:10
Native Resolution	1280 x 800 (WXGA), 1024000 pixels
OPTICS	
Lamp Type	215W NSHA
Lens F Number and Focal Length	F2.00 – F2.15; f=18.38 – 22.06mm
Zoom Magnification and Control	1.2x Manual
Focus Control	Manual
Lens Shift	13 : 1 (fixed)
IMAGE AND AUDIO	
Brightness	2500 lumens
Brightness Uniformity	85%
Contrast Ratio	3000:1 (Auto Iris enabled & lamp dimmer function)
Projection Distance Coverage	1.2m – 11.1m (3.1m – 3.7m for 100" image)
Screen Size	40" – 300" (862 x 538mm – 6462 x 4039mm)
Digital Zoom Magnification	0.5x – 4x
Keystone Correction Range	Vertical: Manual +/-30° ; Auto +/-20°
Digital RGB Compatibility	(WUXGA/UXGA/SXGA+/SXGA) / WXGA / XGA / SVGA / VGA
Analogue RGB Compatibility	(WUXGA/UXGA/SXGA+/SXGA) / WXGA / XGA / SVGA / VGA / MAC
Digital Video Scan Systems	1080p / 1080i / 720p / 575p / 480p
Component Video Scan Systems	1080i / 1035i / 720p / 575p / 575i / 480p / 480i
Video / S-Video Colour Systems	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM
Display Modes	Presentation, Standard, High Contrast, Cinema, Blackboard (green), Colour board (red, blue, yellow, green), User 1 – 4
Image Enhancement	10-bit Colour Reproduction (1.07 billion colours) or 8-bit(16.7 million colours) for analogue RGB
Built-in Speaker	10.0W RMS, Monaural

PORTS AND CONNECTORS	
Digital Video and Audio Input	HDMI™ V1.3 (with Deep Colour)
Analogue RGB Input 1	Mini D-Sub 15-pin (Component Video via optional cable / S-Video via optional cable / SCART-RGB via optional cable)
Analogue RGB Input 2	–
Analogue RGB Output	–
S-Video Input	Mini D-Sub 15-pin (shared with RGB input 1 via optional cable)
Composite Video Input	RCA x1
Audio Input 1	3.5mm stereo mini-jack (input for RGB 1 / Microphone)
Audio Input 2	RCA x2 (L/R) (input for Composite Video)
Audio Input 3	–
Audio Output	3.5mm stereo mini-jack (variable level)
Service Port / Projector Control	Mini D-Sub 9-pin (RS-232c)
Network Port	RJ-45
MECHANISMS	
Front Elevation Mechanism	1x Mechanical foot, 10° maximum image elevation
Rear Adjustment Mechanism	–
RATINGS	
Dimensions (W x H x D)	334mm x 101mm x 247mm
Weight	3.0kg
Power Source	100V – 240V AC, 50/60Hz
Power Consumption	Lamp Mode – High / Normal / Eco: 270W / 250W / 185W Standby: 9.6W / Standby (LAN off): 0.5W
Noise Level	Lamp Mode – High / Normal / Eco: 36.4dBA / 34.4dBA / 29dBA
Operating Environment	+5°C to +35°C
Storage Environment	-10°C to +60°C
Warranty	3 years

All data is based on Canon's standard testing method. This Leaflet and the specifications of the product have been developed prior to the date of product launch. Specifications are subject to change without notice.

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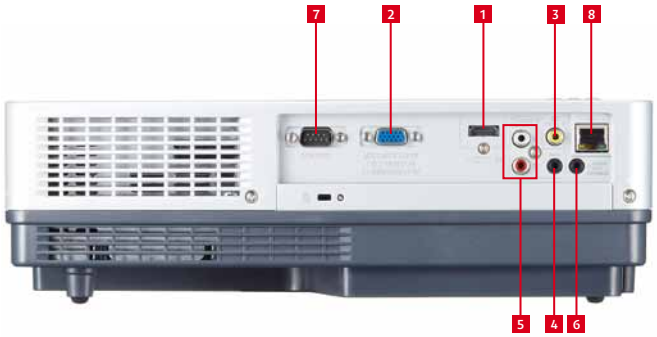
Connectivity



1. **HDMI™ V1.3 (with Deep Colour):** Digital Video / Digital Audio / Digital RGB input.
2. **Mini D-Sub 15-pin:** Analogue RGB Input 1 / Component Input (with optional adapter cable) / S-Video Input (with optional adapter cable) / SCART RGB Input (with optional adapter cable).
3. **RCA x1:** Composite Video Input.
4. **3.5mm mini-jack:** Stereo Audio Input 1 (for PC or Video equipment connected to port 2) / Microphone Input.
5. **RCA x2 (L/R):** Stereo Audio Input 2 (for Composite Video Input).
6. **3.5mm mini-jack:** Stereo Audio Output (Variable level).
7. **Mini D-Sub 9-pin:** Control Port (RS-232c).
8. **RJ-45:** Network Connection.

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English Edition
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Multimedia Projector

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Sales Start Date: **August 2012**

The whole range consists of:

XEED: WUX5000, WUX5000 Medical, WUX4000, WUX4000 Medical, WX6000, WX6000 Medical, SX6000, SX6000 Medical, WUX10 Mark II, WUX10 Mark II Medical, SX7 Mark II, SX7 Mark II Medical, SX80 Mark II, SX80 Mark II Medical.

LV: LV-8320, LV-8235 UST, LV-8227A, LV-8227M, LV-7490, LV-7392A, LV-7392S, LV-7297A, LV-7297M, LV-7297S, LV-7292A, LV-7292M, LV-7292S.

Box Dimensions (W x H x D)

418 x 210 x 398 mm

Box Weight (Gross/Net)

5.1 kg/3.0 kg

Packet style	**Quantity of item**
Pallet	TBC

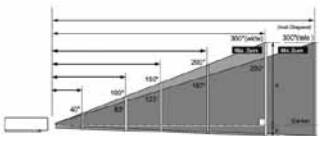
MERCURY CODES

PRODUCT

Name	Mercury Code	EAN Code
Multimedia Projector LV-8227A (E)	6830B003AA	4960999915524
Multimedia Projector LV-8227A (GB)	6830B007AA	8714574584973

OPTIONS

Lamp Assembly LV-LP35	5323B001AA	4960999787855
Ceiling Mount Plate LV-CL17	5325B001AA	4960999787879
Ceiling Mounting Bracket LV-CL18	5326B001AA	4960999787886
Ceiling Mounting Bracket for High Ceilings LV-CL19	5327B001AA	4960999787893
Remote Controller LV-RC06	6839B001AA	4960999915586
Soft Carry Case LV-SC01	5331B001AA	4960999787930
SCART Adapter Cable LV-CA31	8917A001AA	4960999194479
Component Video Adapter Cable LV-CA32	9270A001AA	4960999206509
S-Video Adapter Cable LV-CA33	0561B001AA	4960999275567
Canon MicroCapture (with X50 lens) OP-1	5820B003AA	4528472104690
Canon MicroCapture lens X1	6955B003AA	4528472105185



THROW DISTANCES (16:10 Aspect Ratio)

A:B = 13:1						
Screen Size (inches)		40"	100"	150"	200"	300"
16:10 aspect ratio	Width x Height (mm)	862 x 538	2154 x 1346	3231 x 2019	4308 x 2692	6462 x 4039
Projection Distance (Projection ratio: 1.44 – 1.72:1)	Zoom (max / min)	4.0' / 4.8' (1.2m / 1.5m)	10.1' / 12.1' (3.1m / 3.7m)	15.1' / 18.2' (4.6m / 5.5m)	20.2' / 24.3' (6.2m / 7.4m)	30.3' / 36.4' (9.3m / 11.1m)

www.canon.com/lcd-sim

PROJECTOR