

XEED SX80 Mark II

Portable Multimedia Projector

Canon

Unrivalled Clarity. Complete Connectivity.

With SXGA+ resolution and 3000 lumens, the XEED SX80 Mark II produces crystal-clear images. Superb connectivity enables projection from almost any source, including DVI, HDMI and even USB flash drives.



Key Features

- Native SXGA+ resolution with Canon LCOS technology
- 3000 lumens brightness and 900:1 contrast ratio
- 1.5x zoom lens with 10:0 offset
- PHOTO image mode
- Auto Setup
- PC-Less presentation
- DVI and HDMI™ connectivity
- RJ-45 network port

Native SXGA+ resolution

With native SXGA+ resolution (1400 x 1050 pixels), the XEED SX80 Mark II reproduces images with amazing clarity and sufficient levels of detail even for specialist applications. Canon LCOS technology avoids common projection image drawbacks, reproducing detailed images without the unwanted "lattice" or "rainbow" effects.

Exceptional brightness and contrast

With a generous 3000 lumens brightness and 900:1 contrast ratio, the XEED SX80 Mark II delivers clear, well defined images. Canon's AISYS optical system maximises the performance of the highly efficient AC projector lamp, for powerful projection. Displaying deep blacks and vivid colours, every subtle gradation is reproduced with clarity and precision.

Easy placement

The SX80 Mark II is fitted with a Canon 1.5x powered zoom projection lens, specially designed to combat distortion and deliver perfect image geometry. In addition, the 10:0 lens offset makes installation exceptionally easy.

PHOTO image mode

The SX80 Mark II features a new 'Photo' image mode, specially designed for the optimum reproduction of sRGB photographic images. By taking into account the colour tone and brightness of the ambient light, photos can be reproduced with superb colour accuracy, regardless of variations in lighting conditions.

Fully automatic set-up

At the touch of a button, the projector automatically configures four key settings: Focus, Keystone Correction, Input Selection and Screen Colour Correction.

PC-Free presentations

The XEED SX80 Mark II utilises USB technology, for direct projection of image files from USB flash drives. Photographs, slides and other images in JPEG format can be projected directly from the flash drive. In addition, direct image display is possible from PictBridge-compatible digital cameras.

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Technical Specifications

LCD Panel	
Type	LCOS reflective display, TFT Active Matrix
Size and Number	0.55" diagonal (11.2mm x 8.4mm), 3 panels
Aspect Ratio	4:3
Native Resolution	1400 x 1050 (SXGA+), 1470000 pixels
Optics	
Lamp Type	230W NSHA
Lens F Number and Focal Length	F1.95 – F2.6; f=16.6 – 24.8mm
Zoom Magnification and Control	1.5x Motorised
Focus Control	Motorised Auto / Manual Focus
Lens Shift	10:0 (fixed)
Image and Audio	
Brightness	3000 lumens (2400 lumens in Quiet Mode)
Brightness Uniformity	88%
Contrast Ratio	900:1 (full on / full off)
Projection Distance Coverage	1.2m – 9.1m (3.0m – 4.4m for a 100 inch image)
Screen Size	40" – 300" (81 x 61cm – 610 x 457cm)
Digital Zoom Magnification	1x – 12x
Keystone Correction Range	Vertical: +/- 20° (Auto / Manual)
Digital RGB Compatibility	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
Analogue RGB Compatibility	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
Digital Video Scan Systems	1080p / 1080i / 720p / 576p / 480p
Component Video Scan Systems	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
Video / S-Video Colour Systems	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM
Scanning Frequency	Horizontal: 15-75kHz, Vertical: 50-85Hz, Clock: 170MHz
Display Modes	Standard, Presentation, Movie, sRGB, Photo
Image Enhancement	12-bit Digital Gamma Correction
Built-in Speaker	1.0W RMS, Monaural
Connectors	
Digital RGB / Analogue RGB Input 1	DVI-I 29 pin
Digital Video and Audio Input	HDMI V1.3 with Deep Colour
Analogue RGB Input 2	Mini D-Sub 15-pin (Component via supplied adapter cable)
Analogue RGB Output	Mini D-Sub 15-pin
S-Video input	Mini DIN 4-pin
Composite Video Input	RCA x 1
Audio Input 1, Input 2, Input 3	3.5mm stereo mini-jack x 3
Audio Output	3.5mm stereo mini-jack x 1 (variable level)
Service Port / Projector Control	Mini D-Sub 9-pin
Network Port	RJ-45
Ratings	
Dimensions (W x H x D)	332mm x 121mm x 340mm
Weight	5.2 kg
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	Normal Mode: 320W / Quiet Mode: 270W / Standby: 15W
Noise Level	Normal Mode: 35dBA / Quiet Mode: 31dBA
Operating Environment	+5°C to +35°C
Storage Environment	-30°C to +60°C