

# LC-XB43N

XGA "Brilliant" Series

**EIKI**  
Projectors & Beyond

## Smart Wireless / Wired LCD Projector



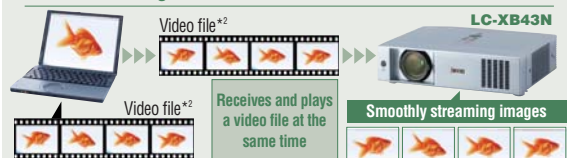
### Outstanding Features

- Brightness 4,500 Lumens, 1,000 : 1 contrast ratio.
- True XGA resolution, WUXGA ~ VGA and MAC compatible.
- Convenient mid-range 1.6 : 1 manual zoom and focus lens.
- Auto setup (Input search, V-keystone correction, PC adjust).
- Manual setup H-keystone and Corner Keystone Correction.
- Easy setup function (Guidance function).
- Built-in 802.11 b / g / n (draft 2.0) Wireless Network projector control & content delivery.
- Easy Wireless network-free content delivery. Windows Vista Network Projector Function Supported.
- Built-in USB Memory Viewer\*<sup>2</sup> for computerless slide shows and movies.
- Built-in RJ-45 Wired Network projector control and content delivery.
- Wireless / wired remote with mouse control and laser pointer.
- AC plug out right after Power off.
- Free installation (Vertically tilted 360 degrees).
- Black (Green) board and Color board mode function.
- Closed caption decoding (NTSC).

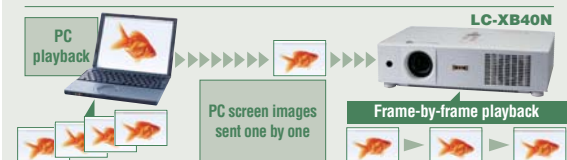
### IEEE802.11n High-Speed Wireless LAN and Video Streaming Function

This projector with an IEEE 802.11n\*<sup>1</sup> high-speed wireless LAN function offers faster wireless transmission than ever before. And the video streaming function\*<sup>2</sup> \*<sup>3</sup> allows it to play a video file as it is being received. Together, these functions produce smoothly streaming motion images.

#### Video Streaming Function\*<sup>2</sup>



#### Conventional Transmission



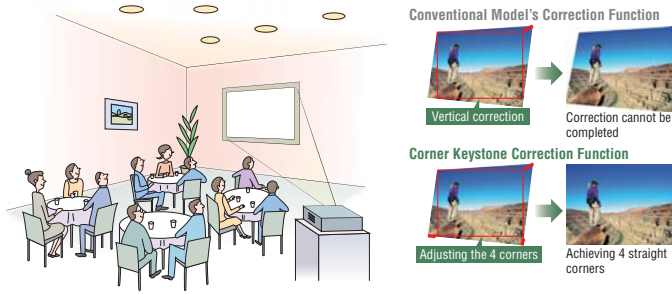
\*1 In compliance with IEEE 802.11n draft 2.0.

\*2 Supports MPEG-1, MPEG-2, MPEG-4 and WMV files (note that some files may be incompatible).

\*3 Supports a wireless connection, a wired connection and the USB Memory Viewer.

**■ "Corner Keystone Correction Function" eliminates the distorted trapezoidal screen image caused by projection at an angle.**

Adjusting the 4 corners using buttons on the main unit or remote control.



**■ Easy Wireless Setting\*1\*2 via USB Memory**



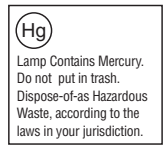
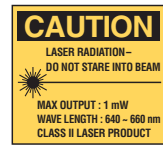
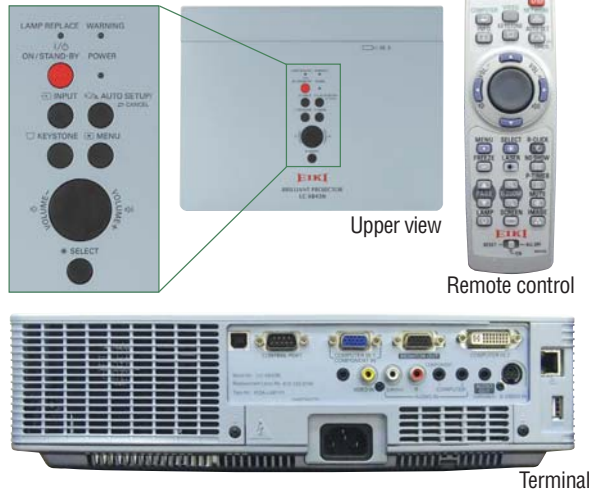
Just plug the provided USB memory stick into a PC and click to automatically set-up your wireless LAN.\*1\*2 You can easily start projection without having to use a driver CD or make any complicated settings.

\*1 Depending on the settings of the PC, the set-up may not be automatically completed.  
\*2 For systems with wireless network LAN (IEEE802.11b/g) capability.

**■ Specifications**

Screen Brightness (ANSI)	Up to 4,500 Lumens
Illumination Uniformity	85 %
Color Reproduction	8 bit (16.77 Million Colors) for Analog signal, 10 bit (1.07 Billion Colors) for Digital signal
Contrast Ratio	1,000 : 1 (Lamp mode "High" & Image mode "Dynamic")
Projection Lamp	275 W NSHA
Estimated Lamp Life	3,000 / 2,500 / 2,000 Hours (Eco / Normal / High mode)
Imaging System	0.8" Inorganic Polysilicon active matrix TFT Panels x 3 (with μLens)
Screen Pixels	1,024 x 768 (4 : 3) in stripe configuration
Total Pixels	2,359,296 (<1,024 x 768> x 3)
Lens Type	Manual Zoom and Focus
Lens Specs	Speed : f : 1.7 ~ 2.5, FL : 0.75 ~ 1.19 in. (19.2 ~ 30.2 mm)
Lens Ratios	Zoom Max. : Min. : 1.6 : 1, Throw : Width : 1.15 ~ 1.85 : 1
Image Diagonal	40 ~ 300 in. (101 ~ 762 cm)
Image Width	2.6 ~ 20.0 ft. (0.81 ~ 6.1 m)
Throw Distance (Wide ~ Tele)	3.05 ~ 37.6 ft. (0.93 ~ 11.47 m)
Front Elevation	Up to 8.9°
Max. Pitch	360° Pitch (including normal, inverted, up, down)
Anti Keystone	Preset Image Offset, Ratio (Top : Bottom) 9 : 1
Keystone Correction	Vertical : ± 40°, Horizontal : ± 30°, with corner correction
Scanning Frequency	Auto : H Sync. 15 ~ 100 kHz, V Sync. 50 ~ 100 Hz
Dot Clock	140 MHz (Analog) / 170 MHz (Digital)
Image Orientation	Normal, Reversed, Inverted
Power Management	Auto Shutdown
Remote Projector & Mouse Control (IR)	Wireless / Wired with Laser Pointer x 1
Mouse Port	USB type B x 1 (for USB display or Mouse control)
Wired Remote Control Port	MiniStereo x 1
Control Port (for RS-232 control)	Dsub 9 x 1
Wired Network Port	RJ-45 x 1 (100 / 10)
Wireless Network Port	IEEE802.11 b / g / n
Computerless Memory Viewer Port	USB type A x 1
Computer Native Resolution	1,024 x 768 (XGA)
Computer : Compatibility	WUXGA, UXGA, WSXGA+, SXGA+, SXGA, WXGA+, WXGA, XGA, SVGA, VGA & MAC
Computer : Formats	1,920 x 1,200 through 640 x 480
Computer : Higher Resolutions	Displayed panned or Smart Compressed
Computer : Lower Resolutions	Displayed normal or Smart Expanded
Video : System Compatibility	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N

**■ Terminal/Remote control**



Video : Compatibility	480i/p, 575i/p, 720p, 1080i/p
Video : Formats Supported	Normal 4 : 3 and Wide Screen 16 : 9
Video : Image Sizing	Video Scaling Technology
Video Connections	Computer 1 Input : Dsub 15 x 1 (RGB, Component, Scart RGB) Computer 2 Input : DVI-I (HDCP) x 1 (Digital & Analog RGB) Video Input : RCA x 1 (Composite), Mini DIN 4 pin x 1 (S-Video)
Audio Connections	Audio Input : Computer / Video : Mini jack x 2 (Stereo) / RCA x 2 (R / L) Computer Monitor Output : Dsub 15 x 1 (Analog RGB Signal) Audio Output : Mini jack x 1 (Stereo Variable)
Audio : Amplifier	Mono : 1 W RMS
Audio : Built in Speaker	1.1 in. (2.8 cm) x 1
Fan Noise	30 / 34 / 37 dBA (Eco / Normal / High mode)
Cabinet Size (H x W x D)*	3.08 x 13.15 x 10.29 in. (78.4 x 334.2 x 261.5 mm)
Weight	7.7 lb. (3.5 kg)
Packaged Size (H x W x D)	10.0 x 16.0 x 14.8 in. (255 x 408 x 377 mm)
Packaged Weight	13.7 lb. (6.2 kg)
Power Requirements	100 ~ 120 / 200 ~ 240 V AC, 50 / 60 Hz
Power Consumption	200 ~ 240 V : 346 / 318 / 283 W (High / Normal / Eco mode) 100 ~ 120 V : 364 / 333 / 296 W (High / Normal / Eco mode)
Power Consumption (Stand-by)	200 ~ 240 V : 10.9 / 0.9 W (Network / Eco mode) 100 ~ 120 V : 9.6 / 0.5 W (Network / Eco mode)
Heat	Up to 1,242 BTU / hr. (313 kcal. / hr.)
Power Cord	10' (3 m), Detachable
Electrical Safety Compliance	IEC, UL, cUL
Electromagnetic Compatibility	FCC Class B, CE Mark
Security Facilities	PIN code (password) lock, Logo PN code lock, Key lock (R / C, Projector), Kensington® Lock
Operating Temperature	41 ~ 95 °F (5 ~ 35 °C)
User Maintenance	Replace Air Filter, Replace Lamp
Standard Accessories	Quick reference guide x 1, Owner's Manual (CD-ROM) x 1, Network Application Software Manual (CD-ROM), UL cable card x 1, PIN code label x 1, Computer cable (Dsub 15 ~ Dsub 15) x 1, AC code x 1, Remote cable (Mini jack <male> ~ Mini jack <male>) x 1, Remote control x 1, AAA Battery x 2, Soft Carrying Bag x 1, USB thumb drive for Auto Capture x 1, Hook and Loop Fastener x 1
Optional Accessories	Replacement Lamp, VGA - Component Cable, Ceiling Mount, Ceiling Post and Plate

\* Excluding protrusion



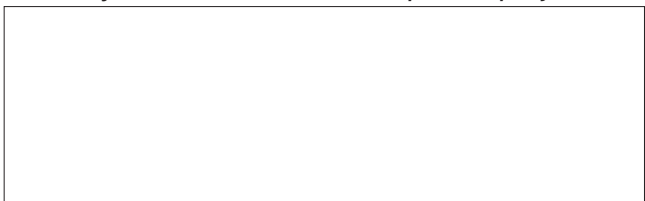
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EIKI World Web Site: <http://www.eiki.com>

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Specifications subject to change without notice.  
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