



LC-XB42N

Projectors... and more!

KEY FEATURES: Model LC-XB42N

- 4500 ANSI Lumens, 85% uniformity, and 500:1 contrast ratio.
- Weighs just over 8 lbs! Compact, low-profile design!
- 3 panel LCD imaging delivers a rich, color saturated picture.
- XGA resolution. WXGA, UXGA – VGA and MAC compatible.
- Quiet operation: fan noise as low as 31 dBA.
- Smart data compression / expansion, and video scaling.
- Convenient mid-range 1.6:1 manual zoom and focus lens.
- Preset image offset. Auto Vertical digital keystone correction.
- Two computer inputs, plus one computer monitor output.
- DVI-I input supports analog & digital data, plus digital video w/HDCP
- Accepts Composite, S, and Component Video in all major standards.
- Displays both 4:3 and 16:9 formats. Supports most HDTV resolutions.
- Converts Interlace to Progressive scan. 3-2 (and 2-2) Pulldown support.
- Variable Power Management option. Optional local or remote keylock.
- Slideshow Page Up/Down on remote control. 16X digital zoom.
- Custom warm-up screen option. Defaults reset. Auto input search.
- Wireless/wired remote with mouse control and laser pointer.
- Green chalkboard projection mode. 3 Year* Projector Warranty!

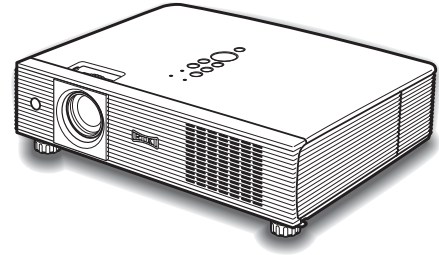
Included Accessories: Quick Start Guide. Owner's Manual on CD-ROM. Network Application Software and Manual on CD-ROM. AC Power Cord. VGA-type Computer Input Cable (Dsub15–Dsub15). Dsub9–Mini DIN-8 cable for RS-232 control. Wireless/Wired Remote with Mouse Control & Laser Pointer & Batteries (AAA x 2). Wired Remote Cable. Soft Carry Bag.

Optional Accessories: Replacement Lamp. USB mouse cable (USB-A – USB-B) Component Video Input Cable (Dsub15–3-RCA). Scart Video Input Cable (Dsub15–Scart). DVI-I–Dsub15 Adapter. MAC Adapter. MAC Monitor Cable. Luggage-Style ("wheelie") Carrying Case with Wheels, Telescoping Handle, and Detachable Computer Compartment. ATA-Style Shipping Case with Wheels and Telescoping Handle. Ceiling Mount. Ceiling Post and Plate. 33' (10m) Extension Cable for Serial Cable.

SPECIFICATIONS: Model LC-XB42N

| | | | |
|---|--|---|---|
| Brightness | up to 4,500 ANSI Lumens | Video: Compatibility | NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N |
| Illumination Uniformity | 85% | Video: HD Compatibility..... | 480i/p, 575i/p, 720p, 1035i, 1080i |
| Size of Color Palette | 16.7 Million | Video: Formats Supported | Normal 4:3 and Wide Screen 16:9 |
| Contrast Ratio | 500:1 (Full ON/OFF) | Video: Image Sizing | Video Scaling Technology |
| Projection Lamp | 275 Watt NSHA | Image Signal Inputs | |
| Estimated Lamp Life | up to 3000 Hours of Use | Computer 1 / Digital Video w/HDCP | DVI-I x 1 |
| Imaging System | 0.8" PolySilicon active matrix TFT Panels x 3 | Computer 2 / Component Video (with optional adapter) Dsub15 x 1 | |
| Screen Pixels | 1024 x 768 in stripe configuration | Video - Composite | RCA x 1 |
| Total Pixels | 2,359,296 ((1024 x 768) x 3) | - S-Video..... | S-Video x 1 |
| Lens Type | Manual Zoom and Focus | Audio Signal Inputs | |
| Lens Specs..... | Speed: f:1.7–2.5; FL: 0.75–1.19 in. (19.2–30.2 mm) | Computer 1 & 2 / Component (Stereo): | Ministereero x 1 |
| Lens Ratios..... | Zoom Max:Min: 1.6:1; Throw:Width: 1.15–1.85:1 | Composite/S-Video (Stereo):..... | RCA x 2 |
| Image Diagonal | 40–300 in. (101.6–762 cm) | Outputs | |
| Image Width | 2.2–20 ft. (0.67–6.1 m.) | Computer Monitor: | Dsub15 x 1 |
| Throw Distance (tele-wide) | 3.05–37.6ft. (0.93–11.47 m.) | Audio (Stereo) - Variable Line:..... | Ministereero x 1 |
| Front Elevation | Up to 8.9° | Sound: Amplifier (Mono):..... | 1 Watt RMS |
| Maximum Tilt..... | anywhere up to 360° off the horizontal axis | Sound Speaker:..... | 1.1 in. (2.8 cm) x 1 |
| Anti Keystone | Preset Image Offset, Ratio (Top:Bottom) 9:1 | Fan Noise | as low as 31 dBA |
| Vertical Keystone Correction | Digital: up to 40° up or down | Cabinet Size** (HxWxD) | 3.07 x 13.15 x 10.3in. (78 x 334 x 262mm) |
| Scanning Frequency | Auto: H Sync. 15-100kHz; V Sync. 50-100Hz | Weight | 8.2 lb. (3.7 kg.) |
| Dot Clock | 140 MHz Analog, 100 MHz Digital | Packaged Size (H x W x D) | 10.0 x 16.1 x 14.8 in. (255 x 408 x 377mm.) |
| Image Orientation | Normal, Reversed, Inverted | Packaged Weight | 14.6 lb. (6.6 kg.) |
| Local Control / Power Management | Full Function / Auto Shutdown | Power Requirements | 100-240V AC, 50/60Hz |
| Remote Projector & Mouse Ctrl | (IR) Wireless/wired with Laser Pointer x 1 | Power Consumption | up to 354 Watts |
| Mouse Port | USB type B x 1 | Heat | up to 1208BTU (304 KC) |
| Wired Remote Control Port..... | MiniStereo x 1 | Power Cord | 10' (3M) Type 3, Detachable |
| Service Port (for RS-232 control)..... | Mini DIN 8 Pin x 1 | Safety Compliance | IEC(EN)60950,UL60950 / CUL |
| Wired Network Port..... | RJ45 x 1 (100/10) | Electromagnetic Compatibility | FCC Class B & Wireless, CE Mark |
| Computerless Slideshow Port..... | SD x 1 | Security Facilities..... | Kensington® Security Slot |
| Computer Native Resolution | 1024 x 768 (XGA) | Operating Temperature..... | 41–95°F (5–35°C) |
| Computer: Compatibility (UXGA analog),SXGA+, SXGA,WXGA,XGA, SVGA, VGA & MAC | | User Maintenance | Clean Air Filter, Replace Lamp |
| Computer: Formats..... | 1600 x 1200 through 640x480 | Warranty: (to the original end-use customer) | |
| Computer: Higher Resolutions | Displayed panned or Smart Compressed | Projector:3 Yr. / 6000 Hour Use *(Parts & Labor to Correct Defects) | |
| Computer: Lower Resolution | Displayed normal or Smart Expanded | Lamp: | 90 Days (Failed Lamp Replaced Pro-Rata) |

XGA "Brilliant" Series



LC-XB42N

Outstanding Features:

- Ethernet wired network projector control and content delivery.
- WiFi wireless network projector control and content delivery.
- Computerless slideshow using optional SD memory adapter.

Plus:

Auto Set-Up (with Auto Keystone Correction).
High brightness and contrast. Two computer inputs, one monitor output.
Capable of 360° pitch. Integrated lens cover. UXGA & WXGA compatible.
Interlace to Progressive conversion. Turn ON and Show! Turn OFF and Go!

Caution! Laser Radiation – Do not stare into beam. Max. Output: 1 mW. Wave Length: 640–660 nm. Class II Laser Product. Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

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