

# MITSUBISHI X120 ULTRA-PORTABLE LCD PROJECTOR

**1000**  
ANSI LUMENS

**Light, Bright, Fully  
Loaded XGA LCD  
Projector.**



The X120 offers you the convenience of "computer-free" presentations with its flash memory PC Card (PCMCIA) playback mode. Using a standard PCMCIA Type II Card, you can transfer all the contents of your presentation onto the card's flash memory in bitmap or JPEG formats.

Designed for  
  
Microsoft  
Windows 95

  
Mac OS

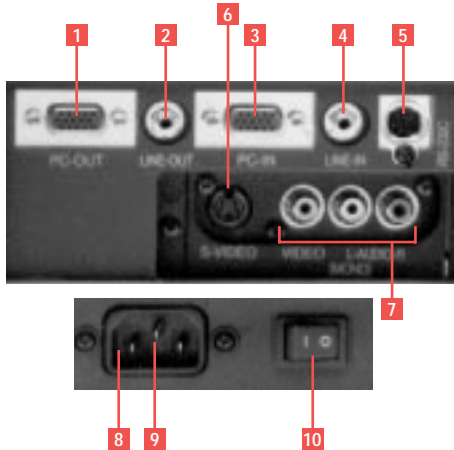
The X120 from Mitsubishi Electronics is the industry's brightest ultra-portable LCD projector, packing 1000 ANSI lumen power into a 10-pound package. Although small in size, the X120 can provide any mobile presenter with the resource to deliver a big, long-lasting impression.

- Lightweight, ultra-portable design
- Polysilicon three-panel system; 1024 x 768 XGA resolution; compressed resolution of 1280 x 1024 providing workstation compatibility
- 1000 ANSI lumens; 200:1 contrast ratio
- Projects images from 20 inches to 260 inches; suitable for small to large audiences in most venues
- Suitable for front, rear and ceiling mount installations
- Professional Presentation Features: Simple, plug and play operation, one PC card input slot, on-board memory, intuitive on-screen graphic user interface in seven languages, wireless remote control with built-in laser pointer, and gamma correction
- Manual zoom and focus; keystone correction and worldwide voltage sensing
- Digital magnification: Digitally enlarge any portion of the entire projected image
- Ultra-quiet operation (less than 38 dB)
- RS-232 communication terminal compatible with Crestron, AMX and Extron automation systems
- Accepts RGB, component video, S-VHS, NTSC, NTSC 4.43, PAL, and SECAM video formats and is compatible with Apple®, IBM®, and many workstation computer graphics standards
- Three-year parts and labor warranty, seven-day, toll-free support and a three-year free replacement projector shipped overnight for next business day delivery

 **MITSUBISHI**  
DISPLAY PRODUCTS  
*Innovation On Display<sub>sm</sub>*

# MITSUBISHI X120 ULTRA-PORTABLE LCD PROJECTOR

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1. **RGB/Component Video Output**  
Use to output RGB component video from RGB 1 or RGB 2
2. **Audio Line Output**  
Use to output PC audio, audio input 1 or 2
3. **RGB/Component Video Input**  
Use to input RGB from computers and component video from DVD
4. **PC Audio Input (stereo mini jack)**  
Use to input PC audio signals
5. **RS-232 (2) Input: (Mini Din)**  
Connect to MAC computers for remote control of computer presentations
6. **S-VHS Input**  
Takes priority over composite inputs when connected
7. **Video/Audio Input**  
Use to input video and audio
8. **Power jack**
9. **Ground terminal**
10. **Main Power**



The wireless remote control provides full projector and computer control and includes built-in laser pointer.

## SPECIFICATIONS

Display Technology	3 x 0.9" polysilicon panels, 1024 x 768 each; 2,359,296 total pixels
Resolution	True 1024 x 768 (786,432 pixels) with compression for 1280 x 1024; 560 TV lines
Brightness	1000 ANSI lumens; brightness illumination ratio >85% (typical)
Colors	16,770,000 colors
Contrast Ratio	200:1
Lens	Manual zoom and focus. 12 element all glass lens assembly. F = 1.8 - 2.1; f = 36 - 47 mm
Picture Size	20" to 260" diagonal (aspect ratio 4:3)
Width-of-Screen-to-Throw Factor	Wide position (width x 2.1) Telephoto position (width x 2.6)
Keystone Correction	Electrically controlled (digital correction); 3 to 15 degrees
Digital Magnification	Digitally magnifies any selected screen area for close-up examination. May be displayed full screen. (RGB)
On-Screen Menus	7 languages: English, Spanish, German, French, Italian, Chinese and Japanese.
Lamp	Type: 150-watt mercury short-arc lamp; lifetime 2000 hours (user changeable)
Computer Compatibility	Windows-based PCs, Macintosh® computers, workstations up to 1280 x 1024
Video Compatibility	NTSC, NTSC 4.43, PAL, PAL M, PAL N, SECAM, component video
Video Input Signals	<ul style="list-style-type: none"> <li>• Video: NTSC, NTSC 4.43, PAL, PAL M, PAL N, SECAM, component video.</li> <li>• RGB: XGA (1024 x 768), S-VGA (800 x 600), VGA (640 x 480), S-XGA compression (EWS) (1280 x 1024)</li> </ul>
Input Terminals	<ul style="list-style-type: none"> <li>• Video x 2. 1 S-video, 1 composite video: 1 RCA-type, RGB/component video x 1</li> <li>• Audio x 1: RCA type</li> <li>• Audio PC x 1 line input</li> <li>• Flash memory card x 1 slot (PCMCIA Type II)</li> </ul>
Output Terminals	RGB x 1: Audio Line Output x 1. 3.5 mm stereo mini jack
Communication Terminals	RS-232C x 1. Compatible with AMX, Crestron and Extron.
PC Card (Flash Memory)	<ul style="list-style-type: none"> <li>• 1 PCMCIA type II slot. Onboard playback system. Manual or automated playback modes in XGA, SVGA, VGA</li> <li>• "At a Glance" index, 16 pictures on one page (4 x 4).</li> </ul> Note: PCMCIA card not included; can be purchased separately.
Scanning Rates	H: 15 - 82 kHz; V: 50 - 85 Hz; Dot Clock: 140 MHz
Audio	1W mono
Speakers	One 1W speaker; 2.4 inches
Remote Control	Wireless remote with direct input access. Full projector and computer control and includes built-in laser pointer.
Weight	10 lbs. (4.5 kg) (approximately)
Dimensions (W x H x D) (with legs)	10.3 x 4.5 x 13.3" (264 x 115 x 340 mm)
Power	AC 100V-240V +/- 10%, 50/60 Hz
Power Consumption	250 watts
Safety Approvals	CSA, CSA NRT L/C, FCC Class-A
Warranty	Three-year parts and labor; 30 days on light source lamp. Includes three-year free replacement projector shipped overnight for delivery on the next business day.
Accessories Standard	AC power cable; RCA video cable; RCA/BNC adapter; audio cable; RGB cable for PC; MAC adapter for RGB cable; RS-232C cable; MAC adapter for RS-232C cable; remote control; lens cap; warranty card; user's manual; software CD-ROM; battery for remote control.
Optional	Spare mercury short-arc lamp; PC audio cable.

For more information on the X120 or any of Mitsubishi's 14" to 50" (14.0" to 50.0" diagonal viewable image) color monitors, call Mitsubishi Electronics today. Detailed technical specifications available upon request.

Projector Part Number: LVPX120A

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