

EPSON®

Epson EMP 7950NL

The compact projector that makes a big impact in corporate presenting.

The Epson EMP-7950NL brings 4000 ANSI lumens brightness, superior image quality and intelligent networking to corporate presentations. In larger offices or conference rooms, it gives a professional performance every time.

The bright, intelligent projector that's simply superior.

Superior performance and simplicity
Send clear messages in any room with 4000 ANSI lumens brightness that's ready to go in just 15 seconds. Use low mode to deliver 3000 ANSI lumens at only 33dB and save 50% on your lamp life. Project perfect images with optional lenses*, automatic and manual keystone adjustment, and optimise settings for any surface with the wall shot function.

Superior intelligence and control

Operate via a LAN with Epson EasyMP.net and receive email notification of the projector's status. Present wirelessly with the included WiFi card using up to 4 projectors or without a computer/DVD reader with Epson's EMP-SlideMaker software. And keep control with on-screen source display, colour modes for every situation and a one-touch remote.

Superior technology

Produce brighter images with Epson's 3LCD technology. Achieve faithful colours, smoother video and finer gray scaling for a superior performance.

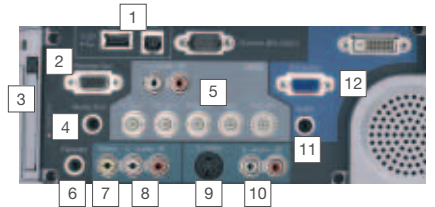
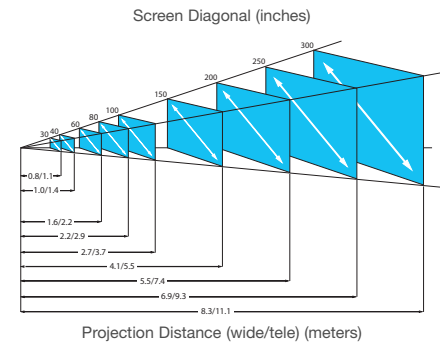
* not supplied with lenses

The power to present superior images every time

- Send a clear message with 4000 ANSI lumens brightness – achieved in just 15 seconds
- Meet your needs with a range of optional lenses
- Get perfect images with extensive keystone correction
- Present via the network with Epson EasyMP.net
- Go wireless with WiFi – no cable restrictions
- Use EMP-SlideMaker and make presentations without a computer



Model	Epson EMP-7950NL / V11H196940
Projection System	Epson 3LCD Advanced Imaging Technology
Projection Method	Front / Rear / Ceiling Mount
Specification of Main Parts	
LCD Panels	1.0 inches with MLA; Driving Method: Poly-silicon TFT Active Matrix Pixel Number: 786432 dots (1024x768) x3; Native Resolution: XGA; Aspect Ratio: 4:3; Pixel Arrangement: Stripe; Refresh rate: 72Hz
Projection Lens	Type: Manual: Zoom / Focus; F-number: 1.7-2.3; Focal Length: 28-37mm Zoom Ratio: 1-1.35; Lens Cover: Attached by the string
Lamp	Type: 250W UHE; Life: 2000h(High Bright)/3000h(Low Bright)
Optical System	Dichroic Mirror Separation & Prism combine Method
Screen Size	30 to 300inch [1.1 to 11m] (Zoom: Tele); 30 to 300inch [0.8 to 8.2m] (Zoom: Wide)
(Projected Distance)	60" screen 1.6m-2.2m
Keystone Correction Ratio	10:0
Brightness	
High Brightness Mode	4000 ANSI lumens (Colour Mode: Dynamic, Zoom: Wide) with short throw zoom lens
Low Brightness Mode	3000 ANSI lumens (Colour Mode: Dynamic, Zoom: Wide) with short throw zoom lens
Contrast	700:1 (Colour mode: Dynamic, High Brightness Mode) with short throw zoom lens
Brightness Uniformity	Typ. 90% with short throw zoom lens
Colour Reproduction	Full Colour (16.77 million colours)
Video Quality	3D Y/C separation (NTSC only), Motion compensated Interlace-Progressive conversion (3-2/ 2-2 film detection, motion detection, Jaggy reduction)
Sound Output	5W Monaural
Functions	Effect, PIP, Preview, User Logo, A/V Mute, Freeze
Colour Modes	Dynamic, Presentation, Theatre, Living Room, sRGB
Effective Scanning	
Frequency Range (Analog)	Pixel Clock: 13.5MHz to 230MHz up to UXGA 85Hz Horizontal: 15KHz to 107KHz / Vertical: 50Hz to 120Hz
Effective Scanning	
Frequency Range (Digital)	Pixel Clock: 25MHz to 135MHz Horizontal: 15KHz to 80KHz / Vertical: 50Hz to 85Hz
Adjustment Functions	
Projector / Remote Control	Keystone/ Brightness/ Contrast/ Tint/ Saturation/ Sound/ Input signal etc.
Foot Adjuster	Front centre
Tilt Angle	-4 to 12 degrees
Keystone Correction	Vertical: -40 to +40 degrees (Zoom: Tele); Horizontal: -20 to +20 degrees (Zoom: Tele)
Auto Keystone Correction	Implemented (Vertical only)
Auto Detection of RGB / Component	Implemented
Wall Shot	Adjusting colour and Brightness for wall by sensor
Operation Panel Protected	Implemented
Password Protected	Implemented (Protection of User logo, Time lock)
Function / Security	
Analog RGB I/O	
Display Performance	Native: XGA 1024 x 768 dots
Input Signal	Signal Type: Separate Signal; Video Signal: Analog (0.7V p-p, 75 ohm/ Mac0.714Vp-p, 75ohm); Sync. Signal: Separate (positive & negative, bi-polarity 2-5Vpp)/ Composite (positive & negative, bi-polarity 2-5Vpp)/ Sync-on-green (negative, 0.3Vpp)
Input Terminal	Video: Mini D-sub 15pin x 1 Blue-molding 5-BNC x 1; Audio: Stereo mini jack x 1 (for Mini D-sub 15pin) RCAx2 (for 5-BNC)
Output Signal	Video Signal: Analog (0.7V p-p, 75 ohm/ Mac0.714Vp-p, 75ohm); Sync. Signal: Separate (positive & negative, TTL)/ Composite (positive & negative, TTL)/ Sync. on green (negative 0.2-0.4 Vp-p) Video: Mini D-sub 15pin x1 Black-molding; Audio: Stereo mini jack
Output Terminal	
Digital RGB I/O	
Display Performance	Native: 1024 x 768 dots
Input Signal	Video Signal: Digital; Audio Signal: 500mVrms/ 47Kohm
Input Terminal	Video: DVI TypeD x 1; Audio: Stereo mini jack (double use with D-sub 15pin)
Video I/O	
Display Performance	NTSC: 560 line PAL: 560 line (Depend on observation of the multi burst pattern)
Input Signal	Video Standard: NTSC/ NTSC4.43/ PAL/ M-PAL/ N-PAL/ PAL60/ SECAM Video Signal: Composite Video (1.0Vpp/ Sync.negative, 75ohm)/ S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video (Analog Y level 0.7V 75 ohm /Cr Cb level +/-0.35V 75ohm/ sync.negative 0.3V or 3-state+/-0.3V on Y)/ Video-RGB (0.7V p-p, 75 ohm/ Mac 0.714Vpp, 75 ohm); Audio signal: 500mVrms/ 47Kohm
Input Terminal	Composite Video: RCA (Yellow) x 1; S-Video: Mini DIN; Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector); Video-RGB 5-BNC: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector); Audio: RCA (White/Red) x 2 pair (for Composite Video and S-Video)
Control I/O	
USB I/O	I/O terminal: USB1.1 connector series A x 1 (for digital camera) USB1.1 connector series B x 1 (for mouse, K/B, control)
Serial I/O	I/O terminal; Mini D-sub 9pin x1; I/O signal: RS-232C
PCMCIA Card Slot	Type I/II x 1 Supported Memory Card (with PCMCIA card adapter); Compact Flash/ Smart Media/ Memory stick/ SD/ MMC/ 3.3 volts type ATA Flash card / 5 volts type ATA Flash card/ Micro Drive Micro Drive; Supported Wireless LAN card: Standard accessory only; Supported Wired LAN card: not delivered (available in retail)
Input Terminal	Remote Control: Stereo mini jack x1
Operating Temperature	5°C to 40°C <41°F to 104°F> (20%-80% Humidity)/ Thermal shut down > 45 °C
Start-up Period	Approx. 15 seconds
Cool-down Period	Approx. 20 seconds
Power Supply Voltage	100-240V ±10% , 50/60Hz AC
Dimensions (d x w x h)	325 x 419 x 117mm (excluding feet); 325 x 419 x 138mm (max)
Weight	Approx. 11.5lbs. / 5.2kg
Fan Noise	High Brightness Mode: 36dB; Low Brightness Mode: 33dB
Accessories	Power Cable: 3m; Computer Cable: 1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male); Mouse Cable: 1.8m, USB A/ USB B; Remote Control: attached; Battery: Alkaline AAA x 2; Wireless LAN card: IEEE 802.11g card; Bundled Software: Easy MP Software (CD-ROM); Password Protect Sticker; Owner's Manual: (CD-ROM); Quick Reference Guide: Card; Within User's manual: EU/ Southeast Asia/ Russia



- | | |
|---------------|-----------------|
| 1 USB | 7 Video |
| 2 Monitor Out | 8 Audio L-R |
| 3 Card slot | 9 S-Video Input |
| 4 Audio Out | 10 Audio L-R |
| 5 BNC | 11 Audio |
| 6 Remote | 12 RGB output |

Options

- | | |
|---|-----------------|
| Hard Travel Case | ELPKS29 |
| Soft Carry Case | ELPKS28 |
| Spare Lamp | ELPLP22 |
| Air Filter | ELPAF01 |
| (3 sets/6 sheets) | |
| Ceiling Plate (Silver) | ELPFC03 |
| For hanging Ceiling mount or Dual Stacker, with pipes | |
| Pipe 370,570,770 (Silver) | ELPFP04, 05, 06 |
| Option lens | |
| Long throw zoom lens | ELPLL03 |
| Middle throw zoom lens | ELPLM03 |
| Short throw zoom lens (considered as standard lens) | ELPLW03 |

Easy MP

Function

- Projector control and projector management via network
- Email notification via SMTP
- SNMP
- Web Interface
- Project screen via network
- Computer and DVD-less presentations

Software

- EMP Monitor Ver3.04 (for Windows)
- EMP Network Manager (via Web site)
- EMP NS Connection (for Windows)
- EMP NS Connection (for Mac)
- EMP-Slide Maker2

Security (Wireless LAN)

- WEP, WPA, LEAP (Cisco™)



For further information please contact your local Epson office or visit www.epson-europe.com
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