

Multimedia Projector

EMP-81
EMP-61

EPSON



All for One and EMP for Everyone



20000 lm

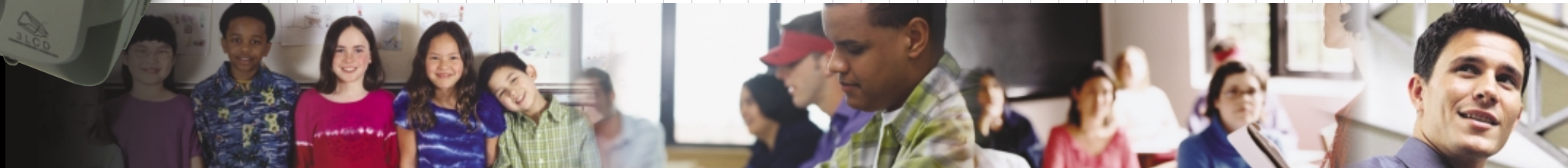


Multimedia Projector
EMP-81
XGA 2000 lm

Multimedia Projector
EMP-61
SVGA 2000 lm

All for One and EMP for Everyone

Epson's innovative large screen projection technology can create a holistic educational, yet entertaining experience that will have the whole school thrilled about it. Of course, like all Epson projectors it has superior image quality and is highly functional. It is simple enough that anyone can use it, beginners and experts alike. It's Showtime!



Easy to Set-up

Large, Well Marked Buttons

Epson is focused on making our projectors easy to use for beginners and experts alike. At a glance, EMP-81 / 61's operation is clear and easy to understand.



Quick Start-up and Cool-down

With an incredibly short start-up time (just 7 seconds), an amazingly 20 seconds short cool-down time and a helpful indicator sound to tell you when the EMP-81 / 61 are ready to be unplugged, you'll never be frustrated by waiting around for your projector again!

Comfortable Viewing Environment

Brightness Control

High Brightness mode / Low Brightness mode

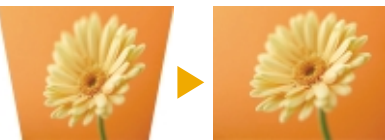
EMP-81 / 61 come equipped with brightness control. High brightness mode (2000 lm) allows you to watch a wide variety of media in bright conditions, whereas, low brightness mode (1500 lm) reduces noise levels to an incredibly low level.

Powerful 5W Speaker

No external sound system? No need to worry. With EMP-81 / 61's powerful built-in 5W speaker, no amplifier is needed, even in large rooms.

Auto Keystone Correction

Auto Keystone Correction automatically detects the projector's vertical angle and adjusts the vertical keystone distortion instantly.



Source Search

Merely push the "Source Search" button and the EMP-81 / 61 instantly recognize signals and project media from any source.

Single-Foot Release Lever

The well-balanced single-foot has an easily accessible release lever which allows the user to adjust the projection level with just one hand.



Frontal Exhaust and Minimal Light Leakage

The EMP-81/61's frontal exhaust and minimal light leakage do away with distractions, such as dry eyes and annoying exhaust in the face, which can take away from presentations.

Six Selectable Projection Modes

Dynamic, Presentation, Theatre, Living Room, sRGB, Blackboard

EMP-81 / 61's six preset settings allow you to select a mode that best suits your viewing environment. Colours and images are instantly adjusted for optimal viewing. No screen in the classroom? No problem, simply select Blackboard mode and all presentations can be shown on your blackboard.

Convenience Features

New Remote Controller

Well-marked buttons and mousing capabilities provide the user with a highly functional remote controller able to direct an onscreen pointer which can be used with DVDs, videos and many other forms of media.



Security Functions

Power-On Protect / User's Logo Protect / Timer Protect / Key Lock

With three password protect functions and key lock functionality, the EMP-81 / 61 have your security concerns covered. So, regardless of theft or mischief, your projector is protected with these innovative security functions.



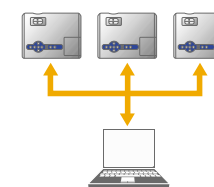
Straightforward and Easy-to-Use Help

Epson's new built-in help program, guides you step-by-step through any problem you may have and helps you get back to your presentation quickly.

EMP Monitor Compatible

Epson's EMP Monitor software allows you to keep an eye on multiple EMP-81 / 61's simultaneously by way of a LAN connection.

* For LAN connection, a LAN adapter is required.



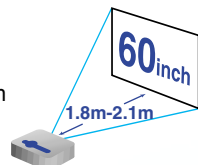
Simple Lamp Replacement

A new easily accessible panel on the top of the projector allows for simple lamp replacement whether the projector is on the ceiling or the table.



Short Throw Distance and Wide 1.2x Zoom Ratio

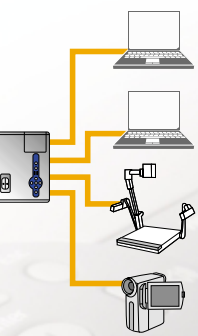
EMP-81 / 61 project a 60" screen from just 1.8m away, and with 1.2x zoom quality presentations can be seen in a variety of locations.



Full Input / Output Functionality

2 PC and 2 Video input connectors as well as monitor and audio out connectors

The practicality of EMP-81 / 61's input / output alignment allows up to 4 different media sources to be connected at once. Presentations can also be projected on a number of screens simultaneously and enables even more powerful speakers to be connected for a presentation that is unforgettable.



Direct Power-On

The Direct Power-On function allows EMP-81 / 61 to be activated automatically when the room's power source is switched on, with no need to press the projector's power button.

Specifications

Model	EMP-81	EMP-61
Part Number	V11H157052	V11H158052
Projection System	Epson original 3LCD prism technology	
Projection Method	Front / rear / ceiling mount	
LCD		
Size	0.7" with MLA	0.7"
Driving Method	Epson Poly-Silicon TFT LCD Active Matrix	
Pixel Number	786,432 (1024 x 768) pixels x 3	480,000 (800 x 600) pixels x 3
Native Resolution	XGA	SVGA
Aspect Ratio	4:3	
Pixel Arrangement	Stripe	
Projection Lens		
Type	Manual: Zoom / Focus	
F-number	1.70-1.87	
Focal Length	21.3-25.6mm	
Zoom Ratio	1:1.2	
Lamp		
Type	UHE 200W	
Life (Typical)	2000 hours (High Brightness Mode) / 3000 hours (Low Brightness Mode)	
Screen Size (Projected Distance)	30" to 300" diagonal (0.9 to 11m)	
Keystone Correction	Vertical: +/- 15°	
Brightness (Typical)	2000 ANSI Lumens (High Brightness Mode) / 1500 ANSI Lumens (Low Brightness Mode)	
Contrast Ratio (Typical)	400:1	
Brightness Uniformity (Typical)	85%	
Color Reproduction	Full Color (16.7 million colors)	
Speaker	5W Monoaural	
Effective Scanning Frequency Range		
Pixel Clock	13.5 to 230 MHz	
Horizontal	15 to 107 KHz	
Vertical	50 to 120 Hz	
Analog RGB Input / Output		
Display Performance		
Native	XGA (1024 x 768)	SVGA (800 x 600)
Resize	Up to UXGA (1600x1200)	Up to SXGA (1280x1024)
Input Terminal		
Video	Mini D-Sub 15pin x 2	
Audio	Stereo Mini Jack x 2	
Output Terminal		
Video	Mini D-Sub 15pin x 1	
Audio	Stereo Mini Jack x 1	
Video Input / Output		
Display Performance	560 TV Line	
Input Signal	NTSC, NTSC4.43, PAL, M-PAL, N-PAL, PAL60, SECAM SDTV / HDTV: 480i (525i), 480p (525p), 720p(750p), 1080i (1125i)	
Input Terminal		
Video	RCA x 1, S-Video x 1, Component Video x 2 (Via Mini D-Sub 15pin - Analog RGB Disabled)	
Audio	Stereo Mini Jack x 4 (Analog RGB Disabled)	
Control Input / Output		
USB	USB Type B x 1	
Serial	Mini D-Sub 9pin x 1 (RS-232C)	
Operating Temperature	5°C to 35°C (41°F to 95°F)	
Power Supply Voltage	100-240V +/- 10%, 50/60Hz AC	
Maximum Dimension	351(W) x 272(D) x 123(H) mm	
Weight	4.0 kg / 8.9 lbs	
Fan Noise	30 dB (Low Brightness Mode)	
Accessories	Power cord, Mini D-Sub 15-pin VGA cable, USB cable (Type A-Type B), Stereo Mini Jack to RCA audio adaptor cable, remote control (battery included), soft carrying bag, user's manual	

Connector Panel



Options & Accessories

ELPLP30 Replacement Lamp
Part No.: V13H010L30

ELPAF06 Air Filter Set
Part No.: V13H134A06

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Projection Distance

Diagonal Screen Size (inches)	Wide (cm)	Tele (cm)
30	87	106
40	117	143
60	176	215
80	235	287
100	295	359
150	444	540
200	592	721
300	890	1082

Dealer's Stamp:

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