EPSON® EMP Projector Series

Add even more versatility and professionalism to any presentation

50", 60", 80" Portable Screens

Mobile presenters are often uncertain of the environment in which they must work, so EPSON has developed a portable screen for use in conjunction with the whole EMP range of projectors. The 50-inch screen is a free-standing bright white soft polyester film that automatically rolls into a hard aluminium tube for easy transportation in its soft carry case.

Hard and soft carry cases

Optional carry cases make the EMP projector range even easier to transport, and offer added protection along the way. Choose from a smart, black water-resistant soft case with a cushioned shoulder strap, or a hard impact-resistant case with built-in castors, integral combination lock and fold-away handle.

Visualisers

These high performance, EPSON ELP Visualiser Products' are auto focus, zoom document cameras that enable hard copy or small products to be projected onto a large screen.

EPSON ELPDC02

True XGA resolution visualiser with RGB and Video output, 10x optical zoom, 15 frames per second image transfer.

EPSON ELPDC03

Composite or S-Video based visualiser, 18 x optical zoom, 50 frames per second shooting speed, power zoom.

Optional lenses for extra flexibility

With standard lenses, the further the projector is from the screen the larger the image - up to 320". An EPSON Long Throw zoom lenses, however, enables the projector to produce a smaller image size when mounted at a greater distance from the screen. Wide Angle Zoom and Rear Projection Wide Angle lenses are also available.

'Billboard Vision' Window Screens

Opaque screens for window displays, available in 40" (ELPHS01) and 60" (ELPHS03) screen sizes.

EPSON EMP Projector Warranty

The EPSON EMP range of projectors has been designed to withstand the rigours of mobile presenting, offering amazing strength and durability despite lightweight construction.

To ensure you continue to enjoy complete confidence in your EPSON projector, it is supported by a 2 year collect-repair-return warranty (1 year for EMP-5350/7250).

If travelling internationally with your projector, warranty services are available within Europe for 2 years (1 year for EMP-5350/7250) and for 1 year in over 47 counties world wide.

Extended & Upgraded Warranties

EPSON COVERPLUS

For additional peace of mind, EPSON CoverPlus Extended Warranty packs can be purchased to extend the warranty to a total of 3 years and to upgrade the warranty to include the provision of a loan projector. EPSON CoverPlus Extended Warranty packs may be purchased with 90 days of the product to be covered.

Order Code	3 Year Warranty & Loan Projector
ECPGRP60	EMP-50
ECPGRP65	EMP-70
ECPGRP70	EMP-505
ECPGRP75	EMP-703, EMP-715
ECPGRP80	EMP-5350
ECPGRP85	EMP-5600
ECPGRP90	EMP-7250, EMP-7600, EMP-7700, EMP-8100
ECPGRP100	EMP-8150, EMP-9100

** See specification table for more information.*

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PC Pro
SERVICE AND RELIABILITY AWARD 2000

PC Magazine
SERVICE AND RELIABILITY AWARD 2000

EPSON®

EMPBROC-10GB

EPSON® EMP Projector Series

A comprehensive range of professional multimedia projectors

- **Latest 'DREAM' Panel and TFT LCD Technology for unrivalled brightness**
- **Supports VGA, SVGA, XGA, SXGA up to UXGA Display**
- **Lightweight, compact designs for easy portability**
- **Advanced Connectivity, worldwide compatibility, clear help menus**
- **Presentation Enhancement Software for versatile, dynamic presentations**
- **Includes E@syMP 'laptop-free' and wireless network projection solutions**

EPSON EMP Series

VGA RESOLUTION | SVGA RESOLUTION | XGA RESOLUTION

Presenting the best multimedia projectors in the world

EPSON's amazing EMP range of multimedia projectors offer the brightest, most portable, versatile presenting solutions available. Whether you travel the world presenting, present in different offices or conference rooms or are building a dedicated installation system, EPSON has a projector to suit your requirements.

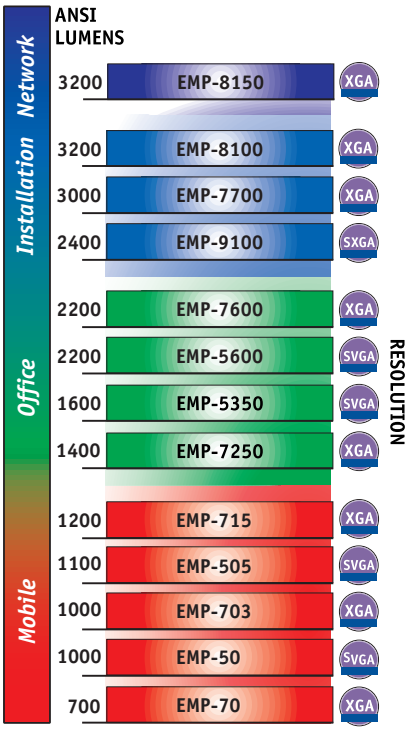
EMP-8150

Universally compatible

EPSON EMP multimedia projectors are the perfect partners for excellent quality presenting just about anywhere in the world. They are highly portable and ready to go straight out of the box, with universal video and power compatibility and extensive connectivity to PCs, Macs, DVD/Laser Disc/VCRs, camcorders, digital cameras, CD-ROMS and sound systems.

Up to five different input sources, including digital can be connected simultaneously, switching automatically, manually or through fully-featured infrared remote control units.

Product Positioning



EPSON E@syMP

With EPSON's new E@syMP system*, presenting is so easy that you don't even need a computer. Projectors with this system feature an integral PCMCIA card reader, which will 'read' presentations saved on memory cards in a range of formats (including CompactFlash, Smart Media, MicroDrive, Memory Stick, 3.3V ATA).

**Only available on the EMP 505, 705 and 8150*

A range of features - such as the built-in E@syMarker† marker pen and E@syBoard† whiteboard - are also available to make presentations even smoother and more entertaining.

But perhaps the most impressive feature of the E@syMP system is that it's even possible to establish a wireless link-up between your projector and a PC network†, and to download presentations from your PC, either in advance, or as you present.

†Only available on the EMP-8150

Technology to match even your brightest, clearest ideas

EPSON's superior optics produce exceptional brightness and image quality. Technologies include ultra high aperture LCD panels with Micro Lens Arrays, Panel on Prism, Polarisation Conversion, high wattage short arc UHE lamps, and Digital Active Resizing for flawless VGA, SVGA, XGA, SXGA and UXGA support.

Additional technologies include colour temperature range control and digital keystone adjustment of up to 30°, which corrects the angle, aspect ratio and shape of the projected image to ensure a perfect orientation every time.

Excellent presenting made simple

To ensure maximum ease of use, the EMP range also includes features such as built in handles, adjustable feet and clear, accessible controls and connectors. Many models also feature simple bayonet lens connectors for switching lenses quickly, and you can even stack EPSON EMP-8100 and EMP-9100 installation projectors together to produce a single, unified, ultra bright image.

Keeping you informed and in control

EPSON's Advanced Auto Set-Up automatically adjusts settings to ensure ultimate quality with minimum input, while simple on-screen menus and backlit remote controls provide easy access to a wide range of advanced features. These include software which enables presentation enhancements to be made before or during presentations. Comprehensive Help is always at hand, and users can even lock menus to prevent unwanted changes being made.

Advanced Auto Set-Up

EPSON EMP projectors - a sound decision

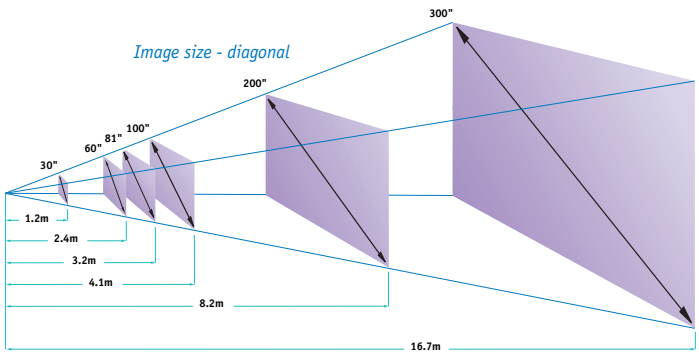
EMP projectors are extremely quiet when in operation, but when you want to make a noise, powerful internal mono or stereo 'surround sound' speakers are on hand to add impact to presentations, while for really large audiences, the EPSON EMP range may be connected to an external speaker system.

SXGA RESOLUTION

UXGA RESOLUTION

Complete control and freedom to move

The fully-featured infra-red remote controller enables users to switch between different input sources and adjust brightness, colour and sound - up to 10 metres away from the projector. They can also run PC or Mac-based presentations without additional software or become a 'mouse', for scrolling through and selecting from on-screen menu.



Projection distance

Software for enhanced presentations

EPSON EMP multimedia projector pre-programmed Presentation Assistance software features remote control 'Effects' buttons for Pointer, Box, Line, Marker, Spotlight and Clear functions, all of which can be utilised on both data and video presentations.

High quality bundled software

EPSON ELP Link IV or V software* enables a range of enhancements or effects such as lines, ellipses, squares and picture stamps to be programmed into the remote control, including Stamp Function and Built-in multiple Icon Editor, or for presentation settings to be controlled from a computer.

**not available on EPSON EMP Mobile Projectors*

A comprehensive range of options

For other specialist requirements EPSON offers a comprehensive list of options including Zoom, Long Throw and Wide Angle lenses, Portable and Installation Screens, Visualisers for projecting hard copy documents, slides or 3D objects, a range of carry cases, and a variety of stacking and mounting kits.

What makes EPSON's EMP series projectors so much brighter?

UHE Lamps and Polarisation Conversion

The EMP projector's unrivalled brightness is sourced from an Ultra High-Efficiency lamp and maintained by EPSON Polarisation Conversion technology. Light first passes through two lens arrays, ensuring the entire image is consistently bright, before passing into the polarisation splitter.

Vertical light waves pass through and are unchanged, but unlike other systems which eliminate horizontal polarised light waves (thus reducing overall brightness), the conversion system 'twists' them to a vertical polarisation. This means a greater proportion of the lamp light is used, achieving optimum brightness.

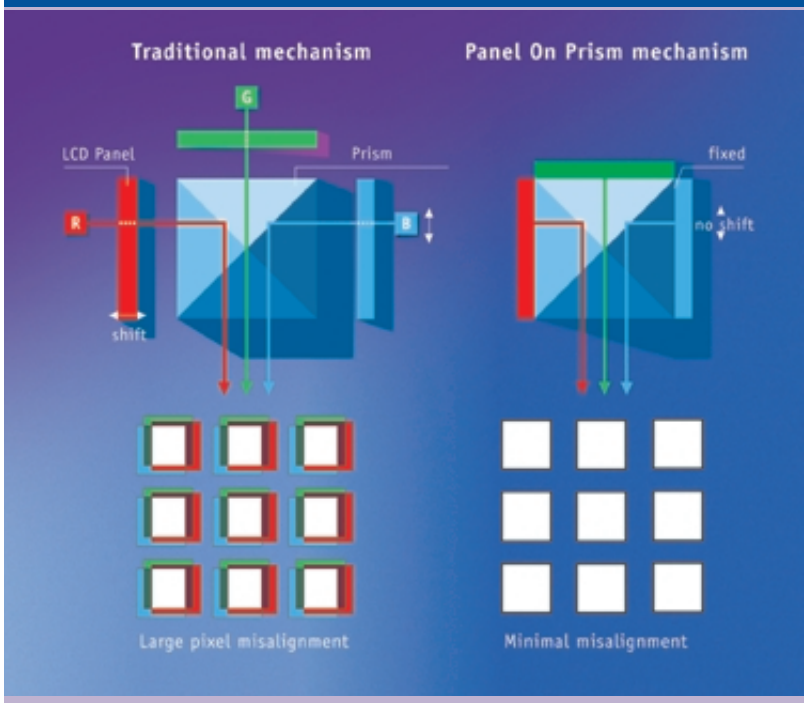
The UHE lamp is the only consumable item you'll need for your EMP projector. Despite its amazing abilities, this small wonder can last up to 2000 hours, because of it's low operating temperature and minimal power consumption - less than half of that of halogen bulbs. For peace of mind, the lamp life counter in the operating menu keeps you informed about the amount of time remaining.

EPSON LCD Panel on Prism Technology

EPSON's latest superior optics also include ultra high aperture metal sandwich LCD panels and Panel on Prism technology. Using Dichroic mirrors, which allow one light element to pass through the glass while reflecting the other elements, light is split into its red, green and blue constituents.

Then, when the light reaches the LCD panel arrays, the image is formed and light elements are reconstituted in the prism ready for projection. To virtually eliminate any element misalignment at reconstitution, the LCD panels are bonded to the prism surface.

EPSON EMP Series Optical Engine



Truly portable, super slim, bright, high performance projectors for mobile presenters

EPSON mobile projectors are ideally suited to professional presenters and sales representatives who require advanced image quality with maximum portability - in just about any environment in the world. Thanks to EPSON's very latest miniaturised technologies, these outstanding projectors are amazingly light and compact, but include all the performance, compatibility and versatility required for truly outstanding presentations.

'Next generation' portability

EPSON's latest ultra portable projectors achieve new levels of portability through miniaturised optics and circuit board, a smaller (but exceptionally powerful) UHE lamp and a retractable lens which not only reduces size but ensures extra protection when the projector is being transported between venues.

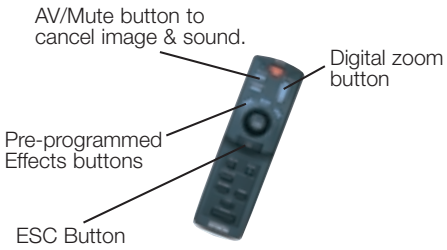
High brightness and exceptional quality

Combining Polarisation Conversion Technology, improved aperture ratio LCD panels with a contrast ratio up to 400:1 and short-arc Ultra High Efficiency lamps, EPSON's mobile projectors produce clear vibrant images in 16.7 million colours even in daylight conditions. This is achieved with a brightness uniformity of up to 90%, and makes note-taking during presentations a simple task.

OPTIONS
(see Options section for full details)
Portable screen - 50"
Visualisers
Soft carry case
EPSON CoverPlus extended warranty

Complete plug-and-play presenting

EPSON mobile projectors include everything required for instant, global presenting. Universal video compatibility is combined with simultaneous connection to 1 computer and 1 video source, with audio available to each. A range of potential input sources includes PCs, Macs, VCRs, camcorders and digital cameras, with automatic source recognition for simple switching between devices. Other capabilities include 16:9 widescreen presenting, with support for HDTV and component video.



Backlit remote and USB mouse port

Easy-access operation panels have been designed for miniaturisation, transferring frequently used functions to the new remote controller. Features include pre-installed Presentation Assistance software, with functions such as pointer, box, and zoom, which can be used on both data and video presentations.

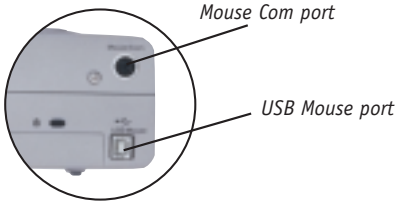
Advanced Auto-Set-Up, on-screen menus and Help function

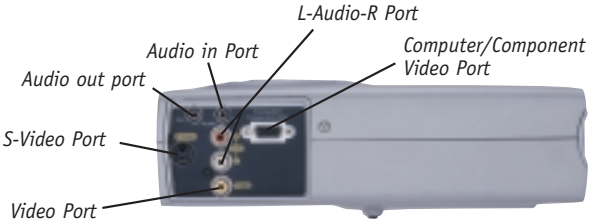
Wherever you are presenting, the Advanced Auto Set-Up function gets you started simply and without delay by automatically adjusting tracking, synchronisation and centring. The EMP-50 and EMP-70 also feature new 'Telewide' Digital Image Scaling for electronic screen size adjustment.

The on-screen menus provide step by step instructions that make further adjustment a breeze, and the extensive Help function can be accessed from both the control panel and the remote control. For added versatility and support, the new generation ultra portables support USB and even PS/2 mouse inputs.

EPSON E@syMP for stand-alone presenting

The EPSON EMP-715 and EMP-505 projectors take mobile presenting to a new level by eliminating the need for a PC or laptop. Using EMP Slidemaker software, presentations can be saved onto PCMCIA cards (Compact-Flash, Smart Media, MicroDrive, Memory Stick, 3.3V ATA) which are then simply inserted into the projector's integral card reader. This is particularly useful for keeping presentations safe when a projector is being used by a number of people.





Mobile connectivity

EMP-50

1000 ANSI lumens.
True SVGA with VGA/XGA support
3.1Kg, 300(W) x 215(D) x 80(H)mm*

SVGA RESOLUTION
VGA SUPPORTED RESOLUTION
XGA SUPPORTED RESOLUTION

EMP-70

700 ANSI lumens.
True XGA with VGA/SVGA/SXGA support
3.1Kg, 300(W) x 215(D) x 80(H)mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION

EMP-505

1100 ANSI lumens.
True SVGA with VGA/XGA/SXGA support
2.7Kg, 267(W) x 213(D) x 72(H)mm*
PCMCIA Card Slot

SVGA RESOLUTION
VGA SUPPORTED RESOLUTION
XGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION

EMP-703

1000 ANSI lumens.
True XGA with VGA/SVGA/SXGA/UXGA support
2.7Kg, 267(W) x 213(D) x 72(H)mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

EMP-715

1200 ANSI lumens.
True XGA with VGA/SVGA/SXGA/UXGA support
2.7Kg, 267(W) x 213(D) x 72(H)mm*
PCMCIA Card Slot

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

**excluding lens and feet*

Key Features

- *Ultra lightweight, ultra compact*
- *120-150W Short arc UHE lamps*
- *Extremely quiet operation*
- *Miniaturised optics and retractable lenses*
- *Polysilicon LCD technology, featuring 'DREAM' LCD panels*
- *Digital Active Resizing Technology*
- *Digital Keystone correction and colour temperature adjustment*
- *Worldwide NTSC, PAL, SECAM video support*
- *On-screen menu system with Help function for easy set-up*
- *Connects to 1 computer and 1 video source*
- *USB mouse port*
- *Picture-in-picture feature (N/A EMP-50 & 70)*
- *Pre-programmed Presentation Effects software*
- *E@syMP 'stand-alone' presenting (EMP-715, EMP-505 only)*
- *Soft carry pouch as standard*
- *Flexible warranties*

	ANSI LUMENS	RESOLUTION
EMP-70	700	XGA
EMP-50	1000	SVGA
EMP-703	1000	XGA
EMP-505	1100	SVGA
EMP-715	1200	XGA

Desktop projectors offering amazing performance for inter office presentations or static environm

EPSON desktop portable projectors are perfect for professional presenters who require the best image quality and brightness available, but work a variety of locations. EPSON's desktop projector range are high performance worldwide presenting tools that are highly portable, but equally at home as part of a high quality installation set-up.

Quality presenting across the world

The EMP desktop range combines the latest EPSON technologies to offer a host of world-beating features including comprehensive video compatibility, full widescreen and HDTV compatibility, amazing quietness of operation and the ability to project up to 300" in size.

Comprehensive connectivity

Simultaneous connection with up to 2 data and 2 video signals (or 1 data and 3 video (including analogue or digital DVI-D computer inputs) is possible, with audio available for each. Switching between sources is automatic, whether you are using a PC, Mac, DVD, LaserDisc, VCR, camcorder or digital camera, and picture-in-picture technology enables a compressed video image to be displayed on a PC image without changing the source.

True SVGA or XGA display with Digital Active Resizing

EPSON third generation Digital Active Resizing Technology (DAR) calculates and optimises the resized image depending on the input signal and enables image sharpness adjustment via the simple menu. Also, Digital Keystone correction corrects the angle, aspect ratio and shape of the projected image by plus or minus 30 degrees.

Advanced auto set-up

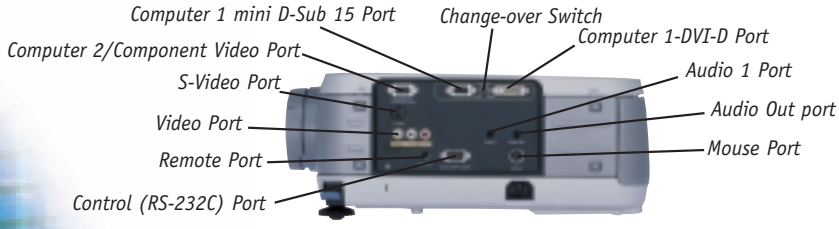
EPSON's portable desktop EMP projectors offer amazing performance, but are remarkably easy to use. The Advanced Auto Set-Up function automatically adjusts tracking, synchronisation and centring after powering on, experiencing a no-signal condition or after pressing the source button. For extra assistance, the simple on-screen menus and a comprehensive help function keep you informed and in control at all times.

Improved Remote Controller

The new remote controller is effective from up to 10m from the projector, and is back lit for extra ease of use. In addition to comprehensive standard controls, pre-programmed Presentation Assistance keys are available for effects such as Box, Line, Curve and Stamp. Also, bundled EPSON ELP Link IV or V software enables further real time enhancements to be made from either the remote control, or direct from a computer.

Easy-change lens system

Lens changing has been simplified for the EMP-7600 and EMP-5600. New bayonet connections enable lenses to be switched simply and quickly without opening the projector body.



Office connectivity

OPTIONS
(see Options section for full details)
Portable screen - 50"
Hard and soft carry cases
ELP Link V software
Long Throw and Wide Zoom lenses
EPSON CoverPlus extended warranty

ents

EMP-5350

1600 ANSI lumens
True SVGA with VGA/XGA/SXGA support
6.2Kg, 300(W) x 360(D) x 120(H)mm*

SVGA RESOLUTION
VGA SUPPORTED RESOLUTION
XGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION

EMP-7250

1400 ANSI lumens
True XGA with VGA/SVGA/SXGA/UXGA support
6.2Kg, 300(W) x 360(D) x 120(H)mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

EMP-5600

2200 ANSI lumens
True SVGA with VGA/XGA/SXGA support
6.8Kg, 276(W) x 355(D) x 143(H)mm*

SVGA RESOLUTION
VGA SUPPORTED RESOLUTION
XGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION

EMP-7600

2200 ANSI lumens
True XGA with VGA/SVGA/SXGA/UXGA support
6.8Kg, 276(W) x 355(D) x 143(H) mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

*excluding lens and feet

Key Features

- *6.2-6.8Kg*
- *150-200W UHE lamp*
- *1.3" ultra high aperture LCD panel technology*
- *Quiet Operation*
- *Bayonet Lens Fixing(5600 & 7600 only)*
- *Worldwide NTSC, PAL and SECAM video support*
- *Connects simultaneously to up to 2 computer and 2 video sources*
- *Digital Active Resizing Technology*
- *Digital comb filter for enhanced video colour processing*
- *Widescreen and HDTV compatibility*
- *Colour temperature adjustment*
- *Electronic digital keystone correction*
- *5BNC connectivity for RGB devices (5350 & 7250 only)*
- *Twin 3W stereo sound speakers*
- *On screen menu system with Help function for easy set-up*
- *Pre-programmed Presentation Effects and ELP Link IV or V Software*
- *Flexible warranties*

	ANSI LUMENS	RESOLUTION
EMP-7250	1400	XGA
EMP 5350	1600	SVGA
EMP 5600	2200	SVGA
EMP 7600	2200	XGA

EPSON's brightest, most powerful projectors for 'no compromise' presenting

This outstanding range of lightweight, ultra-bright, high performance projectors is targeted at both the installation and high-end portable markets. Featuring the very latest EPSON technological advances, they are equally at home in classrooms, conference rooms or as a top level solution for presenting in boardrooms or auditoriums.

Powerhouse presenting

The EMP installation projector range is built to handle the most demanding presenting environments with ease, whilst remaining compact and light enough to ensure portability and efficient use of space. Underlining EPSON's position at the forefront of projector technology, the flagship EMP-8150 is a 3200 ANSI lumen XGA projector that can be linked up to a Network without the aid of a computer.

EPSON E@syMP for stand-alone presenting and wireless network link-up

The EPSON EMP-8150 features the very latest EPSON E@syMP system - a breakthrough in PC- and cable-free presenting. In addition to accessing presentations via the integral PCMCIA card slot, and additional features such as E@syBoard - a virtual whiteboard - the user is able to transmit presentations from their PC to the projector via the network. The presentation can either be transmitted in advance, or files can be retrieved during the presentation.

Quality assured

In addition to true SXGA or XGA resolution, these projectors include Digital Active Resizing for high quality projection up to UXGA. Digital keystone correction of up to +/-30° corrects the angle, aspect ratio and shape of the image whilst retaining its quality. Also, colour temperature adjustment and lens shift capability ensure consistent colour and brightness - particularly useful when up to three EMP-8100 projectors are stacked together.

Preset and No-signal display

Once the set-up menus have been prepared for a presentation, they can be saved using the preset function, which recalls the configuration instantly when they are next needed. And for a professional look even during periods between presenting, users can select from a variety of no signal screens such as a logo.

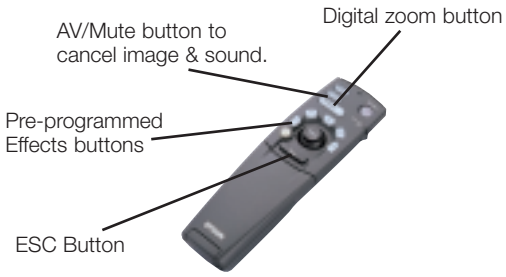
Optional lenses

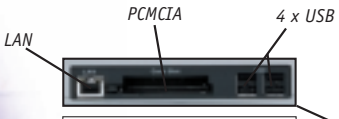
Different installations require different capabilities, so a range of optional lenses are available – long throw and extra long throw zoom lenses, a wide zoom lens and a rear projection wide angle lens. The EMP-7700 also features the latest bayonet lens connection, for fast, simple lens changing.

OPTIONS
(see Options section for full details)
Hard Travel Case
Portable screens - 60", 80"
'Billboard Vision' Window Screen
Visualisers
Long Throw lenses
Rear projection wide lens
Wide Angle Zoom lens
Stacking kit for 2 projectors
EPSON CoverPlus extended warranty
Various cables, connectors and brackets

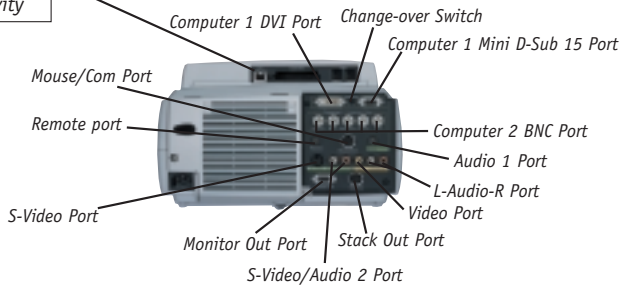
Comprehensive connectivity

EPSON's portable installation projectors have 2 data and 2 video inputs (or 1 data and 3 video) which can be connected simultaneously with audio available for each. PC inputs include HD-15 pin and 5 BNC, so at any one time the projectors can be connected to 2 video and 2 PC sources or 2 video, 1 PC and 1 RGB video source. Presenters can also use the individual source keys to switch quickly and easily from a static presentation to full motion video.





E@syMP connectivity



Advanced connectivity

EMP-7700

Bayonet Lens
3000 ANSI lumens
True XGA with VGA/SVGA/SXGA/UXGA support
6.9Kg, 276(W) x 355(D) x 143(H)mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

EMP-8100

3200 ANSI lumens
True XGA with VGA/SVGA/SXGA/UXGA support
8.3Kg, 303(W) x 389(D) x 147(H)mm*

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

EMP-8150

3200 ANSI lumens
True XGA with VGA/SVGA/SXGA/UXGA support
9.1Kg, 303(W) x 389(D) x 179(H)mm*
LAN Network Connection, PCMCIA Card Slot

XGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
SXGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

EMP-9100

2400 ANSI lumens
True SXGA with VGA/SVGA/XGA/UXGA support
8.3Kg, 303(W) x 389(D) x 147(H)mm*

SXGA RESOLUTION
VGA SUPPORTED RESOLUTION
SVGA SUPPORTED RESOLUTION
XGA SUPPORTED RESOLUTION
UXGA SUPPORTED RESOLUTION

*excluding lens and feet

Key Features

- *6.9 - 8.3Kg*
- *200-230W UHE lamps*
- *Worldwide PAL, NTSC and SECAM video compatibility*
- *E@syMP 'stand-alone' and wireless network presenting (EMP-8150)*
- *Connects simultaneously to 2 video and 2 computer sources*
- *Colour temperature adjustment capability*
- *New digital comb filter, 9 bit AD converter and noise reduction system for improved video colour processing*
- *Runs composite video and S-video simultaneously*
- *Widescreen and HDTV compatibility*
- *20-30-degree electronic digital keystone correction and lens shift capability for stacking up to 3 projectors*
- *On-screen menu system with Help function for easy set-up*
- *Fully featured remote control with Pre-programmed Presentation Effects or V software*
- *Flexible warranties*

	ANSI LUMENS	RESOLUTION
EMP-9100	2400	SXGA
EMP-7700	3000	XGA
EMP-8100	3200	XGA
EMP-8150	3200	XGA

SPECIFICATIONS

Mobile

	EMP-50	EMP-70	EMP-505	EMP-703	EMP-715
Individual Product Features					
• Native Resolution	800 x 600 (SVGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	
• Brightness ANSI Lumens	1000	700	1100	1000	1200
• Display	VGA/SVGA/XGA	VGA/SVGA/SXGA	VGA/XGA/SXGA	VGA/SVGA/SXGA/UXGA	
• Resizing Technology (DAR)	Digital Active Resizing				
• Display Technology	3 x Polysilicon TFT 0.7" LCD panels		3 x Polysilicon TFT extended High Aperture 0.9" LCD panels		
• Micro Lens Array (MLA)	Without MLA				With MLA
• Contrast Ratio	300:1		400:1 (320:1 for EMP-703)		
• Projection Distance	1.0 - 11 metres		1.1 - 13.8 metres		
• Computer Input Supports:	1 x HD-15 pin				
	VGAEGA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85 SXGA3-43i/60/75/85 Mac 13/16/19/21		NEC400, VGACGA, VGAECA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85 SXGA3-43i/60/75/85, MACLC13, MAC II 13, MAC16/19-60/19/21		NEC400, VGACGA, VGAECA, VGA60/72/75/85, SVGA56/50/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA 48i/60,MACLC13, MAC II 13, MAC16/19-60/19/21
• Easy@MP Support	No		Compact Flash, Smart Media, Memory Stick 3.3 V type ATA Flashcard	No	Compact Flash, Smart Media, Memory Stick 3.3 V type ATA Flashcard
General Features					
• Colour Displayed	16.7 million				
• Light Source	150W Ultra High Efficiency UHP Lamp				
• Projected Image Size	Minimum 23" to Maximum 300"		Minimum 26" to Maximum 300"		
• Zoom Operation	N/A		Manual Adjustment		
• Zoom Ratio	1:1.2				
• Focus	Manual Adjustment				
• Keystone Correction	+/- 15° Adjustable				
Audio Features					
• Input	Video Audio Signal and Host Computer Audio				
• Output	1 built-in 1W mono speaker Connectivity for external speaker				
• Monitor Output	N/A				
• Computer Audio Input	Stereo Mini Jack				
• S-Terminal Input	4-pin Mini DIN				
• Composite Video Input	RCA Jack				
• Supports	NTSC/PAL/SECAM/NTSC 4.43/NTSC50 M-PAL/N-PAL/PAL60, 4.43/NTSC5.0/ HDTV (480I, 480P, 720P, 1080I, 1080P)				
• Video Audio Input	2 x RCA Jacks		1 x RCA Jack		
• Audio Line Output	3.5mm Stereo Mini Jack				
• Mouse Input	Din 9 pin/USB Type B/R5232C			Din 9 pin/USB Type B	
• BNC Connectivity	No		No	No	No
Remote Control Features					
• Operation Distance	Up to 10 metres (30ft)				
• Functions	Power/Comp/S-Video/Video/Auto/Volume/AV Mute/Menu/Help/Freeze/E-Zoom/ Enter/ESC/3 Pre-programmed effects (Pointer/Horizontal Line/Marker)		Power/Comp 1/S-Video/ Video/Resizing/Picture-in-Picture/ Volume/Menu/Mute/Freeze/ Pointing device/Easy@MP/ Mouse/Pre-programmed effects 1-5/Help/Backlit buttons /E-zoom		Power/Menu/Comp 1/ S-video/Help/Video/ Resize/Picture-in-picture/ Volume/Mute/Freeze/ Pointing device/EasyMP/ Mouse /Pre-programmed effects 1-5/Backlit buttons
• Menu Adjustment Features	Brightness, Contrast, Colour, Colour Tint (NTSC), Horizontal Position, Vertical Position, Synchronous, Tracking Source Display, No Signal Display, Volume, RGB Level, Language, Blank Options, Rear Projection, Ceiling Projection, Custom Options, Lamp Life				
General Characteristics					
• Dimensions (wxdxh) without lens & feet	300 x 215 x 80mm		267 x 213 x 72mm		
• Weight	3.1Kg		2.7Kg	2.6Kg	2.7Kg
• Power Consumption	220W (4W Standby)		230W (5W Standby)	230W (5W Standby)	230W (5W Standby)
• Power Supply	100-120V/200-240V±10%, 50/60Hz AC				
• Noise Level	42dB				42dB
Warranty					
• Standard Warranty	2 years collect, repair and return				
• Optional Warranty	EPSON CoverPlus 3 year Extended Warranty				
Standards					
• Safety	CE Compliance: EN60950, US: UL1950 Rev.3, Canada: CSA C22. 2 N0.950, Rev. 3, Japan: Dentori/TV Receiver, Other: IEC950				
• EMC	CE Compliance: EMC Directive, IEC801-5 Power Line Surge, US: FCC Part 15J Class B, Canada: DOC SOR/88-475, Japan VCCI B, Power Supply Harmonic regulation				
• Environmental Protection	Dioxide Regulation, Recycling Regulation				

Office				Installation			Network
EMP-5350	EMP-7250	EMP-5600	EMP-7600	EMP-7700	EMP-8100	EMP-9100	EMP-8150
800 x 600 (SVGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1024 x 768 (XGA)		1366 x 1024 (SXGA)	1024 x 768 (XGA)
1600	1400	2200		3000	3200	2400	3200
VGA/XGA/SXGA	VGA/SVGA/SXGA/UXGA	VGA/XGA/SXGA/UXGA	VGA/SVGA/SXGA/UXGA	VGA/SVGA/SXGA/UXGA		VGA/SXGA/XGA/UXGA	VGA/SVGA/SXGA/UXGA
Digital Active Resizing				Digital Active Resizing			Digital Active Resizing
3 x Polysilicon TFT 1.3" LCD panels				3 x Polysilicon TFT High Aperture 1.3" LCD panels			3 x Polysilicon TFT High Aperture 1.3" LCD panels
Without MLA		With MLA		With MLA			With MLA
250:1	200:1	400:1		400:1 (300:1 for EMP-9100)			400:1
1.2 - 15.7m	1.2 - 15.9m	1.1 - 14.6 metres		1.1 to 14.5 metres	1 to 14.6 metres	1.1 to 15.8 metres	1.1 to 14.6 metres
2 x HD-15 pin		DVI Type D or HD-15 pin		DVI Type D or HD-15 pin			DVI Type D or HD-15 pin
NEC400, VGACGA, VGAECA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, MAC13/16/19/21	NEC400, VGACGA, VGAECA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA48i/60/65/70/75/80/85, MAC13/16/19/21	NEC400, VGACGA, VGAECA, VGA60/72/75/85, SVGA56/60/72/75/85 XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA48i/60/65/70/75, MACLC 13, MAC II 13, MAC16/19-60/21		NEC400, VGACGA, VGAEGA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA48i/60/65/70/75 MACLC 13, MAC II 13, MAC16/19-60/21		NEC400, VGACGA, VGAEGA, VGA60/72/75/85, SVGA 56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA48i/60/65/70/75/ MACLC 13, MAC II 13, MAC16/19-60/21	NEC400, VGACGA, VGAEGA, VGA60/72/75/85, SVGA 56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85,SXGA3-43i/60/75/85, UXGA48i/60/65/70/75/MACLC 13, MAC II 13, MAC16/19-60/21
No				No			Compact Flash, Smart Media, Memory Stick 3.3 V type ATA Flashcard
16.7 million				16.7 million			16.7 million
150W Ultra High Efficiency UHP lamp		200W Ultra High Efficiency UHP lamp		200W UH Efficiency Lamp	230W Ultra High Efficiency Lamp		230W UH Efficiency Lamp
Minimum 23" to Maximum 300"		Minimum 22" to Maximum 300"		Minimum 22" to Maximum 320"			Min. 22" to Max. 320"
Manual Adjustment				Manual Adjustment			Manual Adjustment
1:1.3		1:1.3		1:1.3	1:1.4		1:1.3
Manual Adjustment				Manual Adjustment			Manual Adjustment
+/- 20° Adjustable		+/- 30° Adjustable		+/- 30°			+/- 30°
Video Audio Signal and Host Computer Audio				Video Audio Signal and Host Computer Audio			Video Audio Signal and Host Computer Audio
2 built-in stereo speakers (3W+ x3W) Connectivity for external speaker				2 x built-in stereo speakers Connectivity for external speakers			2 x built-in stereo speakers External speaker connectivity
HD-15 pin		N/A		HD-15 pin			HD-15 pin
3.5mm Stereo Mini Jack		2 x RCA/3.5mm Stereo Jack		2 x RCA/3.5mm Stereo Mini Jack			2xRCA/3.5mm Stereo Mini Jack
4-pin Mini DIN				4 pin Mini Din			4 pin Mini Din
RCA Jack		Mini D-sub 15pin x 1		RCA Jack			RCA Jack
NTSC/PAL/SECAM/NTSC 4.43/M-PAL/ N-PAL/PAL60, HDTV (480I, 480P, 720P, 1080I, 1080P)				NTSC/PAL/SECAM/NTSC 4.43/NTSC 5.0/ M-PAL/N-PAL/HDTV (480I, 480P, 720P, 1080I, 1080P)			NTSC/PAL/SECAM/NTSC 4.43/ NTSC 5.0/M-PAL/N-PAL/HDTV (480I, 480P, 720P, 1080I, 1080P)
2 x RCA Jacks				2 x RCA Jacks			2 x RCA Jacks
3.5mm Stereo Mini Jack				3.5mm Stereo Mini Jack			3.5mm Stereo Mini Jack
2 x 13 pin DIN		13 pin DIN		13 pin DIN			13 pin DIN
Yes		N/A		Yes			Yes
Up to 10 metres (30ft)				Up to 10 metres (30ft)			Up to 10 metres (30ft)
Backlit Buttons/Power/Comp/Comp 1/Comp 2/BNC/S-Video/Video/Resizing/Audio/ Preset/Picture-in-Picture/Volume/Menu/AV Mute/Freeze/Mouse/ Electronic Digital Zoom/Pre-programmed effects 1-5/Help				Power/Comp/Comp 1/Comp 2/BNC/S-Video/ Video/Auto/Resizing/Preset/Picture-in-Picture/ Volume/Menu/A/V Mute/Freeze/ Mouse/Help/Electronic Digital Zoom/ Pre-programmed effects 1-5			Comp/Comp 1/Comp 2/BNC/ S-Video/Video/Resizing/ Auto/Preset/Volume/Menu/ Picture-in-Picture/A/V Mute/ Help/Mouse/Pre-programmed Electronic Digital Zoom/Back-lit Buttons/Pre-programmed effects 1-5/Freeze
Brightness, Contrast, Colour, Colour Tint (NTSC), Horizontal Position, Vertical Position, Synchronous, Tracking Source Display, No Signal Display, Volume, RGB Level, Language, Blank Options, Rear Projection, Ceiling Projection, Custom Options, Lamp Life				Brightness, Contrast, Colour, Colour Tint (NTSC), Horizontal Position, Vertical Position, Synchronous, Tracking Source Display, No Signal Display, Volume, RGB Level, Language, Blank Options, Rear Projection, Ceiling Projection, Custom Options, Lamp Life			Brightness, Contrast, Colour, Colour Tint (NTSC), Horizontal Position, Vertical Position, Synchronous, Tracking Source Display, No Signal Display, RGB Level, Volume, Language, Rear Projection, Ceiling Projection, Blank Options, Custom Options
300 x 360 x 120mm		276 x 355 x 143mm		276 x 355x 143mm	303 x 389 x 147mm	303 x 389 x 147mm	303 x 389 x 179mm
6.2Kg		6.8Kg		6.9Kg	8.3Kg	8.3Kg	9.1Kg
250W (12W Standby)		360W (15W Standby)		360W (15W Standby)	360W (15W Standby)	350W (15W Standby)	360W (12W Standby)
100-120V/200-240V±10%, 50/60Hz AC				100-120V/200-240V±10%, 50/60Hz AC			100-120V/200-240V±10%, 50/60Hz AC
42dB		38dB		38dB	<42dB	42dB	<42dB
1 year collect, repair and return		2 years collect, repair and return		2 year collect, repair and return			2 year collect, repair and return
EPSON CoverPlus 3 year Extended Warranty				EPSON CoverPlus 3 year Extended Warranty			EPSON CoverPlus 3 year Extended Warranty
CE Compliance: EN60950, US: UL1950 Rev.3, Canada: CSA C22. 2 N0.950, Rev. 3, Japan: Dentori/TV Receiver, Other: IEC950				CE Compliance: EN60950, US: UL1950 Rev.3, Canada: CSA C22. 2 N0.950, Rev. 3, Japan: Dentori/TV Receiver, Other: IEC950			
CE Compliance: EMC Directive, IEC801-5 Power Line Surge, US: FCC Part 15J Class B, Canada: DOC SOR/88-475, Japan VCCI B, Power Supply Harmonic regulation				CE Compliance: EMC Directive, IEC801-5 Power Line Surge, US: FCC Part 15J Class B, Canada: DOC SOR/88-475, Japan VCCI B, Power Supply Harmonic regulation			
Dioxide Regulation, Recycling Regulation				Dioxide Regulation, Recycling Regulation			