

EPSON
EXCEED YOUR VISION

EMP-750
EMP-760
EMP-765 (WIRELESS)

MULTIMEDIA
PROJECTORS



Up to 2500* Reasons to be Ultra Portable

- Superior 3LCD technology
- New ETORL lamp
- Lightweight: 1.7kg (EMP-750 / EMP-760) and 1.8kg (EMP-765)
- 802.11g (54Mb) wireless connectivity (EMP-765 only)
- PC-Free presentation capability (EMP-765 only)
- Quick start-up and instant power off for on-the-go presentations
- Password Protect security
- Lamp life up to 3000 hours
- Quiet Operation



* Epson EMP-760 / EMP-765 2500 ANSI lumens



*When powerful performance and the flexibility to present anywhere, anytime is a must, then so are the **Epson 7 series** data projectors. These projectors deliver unsurpassed brightness and versatility – complete with high-speed wireless connectivity (EMP-765 only).*

Epson EMP-765

True Mobile Solution

Weighing only 1.7Kg and 1.8Kg respectively (Epson EMP-750 / 760 and 765) and supplied with a compact, stylish carry case these 3LCD projectors are the perfect travel companions.

With the Epson EMP-765, you don't even need to bring your laptop to the meeting. Just save your presentation onto a standard memory device using the supplied software, plug it straight into the USB card or slot in the projector and run your presentation.

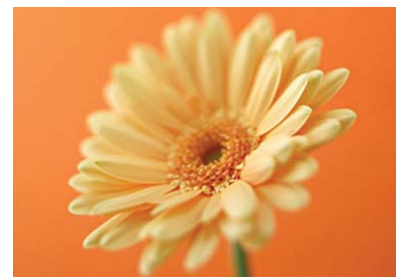


Superior 3LCD Technology

At the heart of Epson projectors is the world-leading 3LCD technology. This projection system uses three individual LCD panels, each about the size of a postage stamp, to give form to images with silky smooth movement and fresher, more natural colours.

Brighter, more variegated colour and unequalled image quality are characteristics of 3LCD technology, that delivers outstanding results in any presentation environment.

Due to 3LCD's incredibly efficient use of light, projectors that use this technology are able to achieve quiet operating levels, exceptional clarity and flicker-free presentations. Capable of standing up to demanding business presentations by day, Epson projectors can also be taken home at night for the whole family to enjoy the latest in television, movies or used by the kids as the ultimate video game enhancer!



Wireless Freedom (EMP-765 only)

High-speed wireless connectivity provides unparalleled presentation freedom, which puts the seamless transfer of PowerPoint presentations, photos and moving graphics (from MPEG files) at your fingertips – with only a power cable.

Featuring two separate wireless connection modes – Peer to Peer and Access Point plus support for the IEEE-ratified 802.11g standard[#], the Epson EMP-765 delivers a peak transfer rate of 54Mbps when connected to a wireless network.

[#] Via an access point

High-speed Transfer Rate (EMP-765 only)

In a move to further enhance the data transfer rate between PC or notebook and projector, the Epson EMP-765 features an enhanced version of Epson's NS Connection software.

Using a proprietary Epson algorithm, Epson's NS Connection software improves the compression and decompression of data sent across wireless networks. A higher transfer rate afforded by the 802.11g standard, combined with Epson's NS Connection software, dramatically improves wireless usability. The wireless transition of image data is optimised, with an average throughput of up to 17.2 frames-per-second, effecting seamless delivery of PowerPoint presentations.

Security

Wireless (EMP-765 only)

To address the security issues inherent in wireless technology, Epson has engineered the Epson EMP-765 to feature a range of security and encryption technologies, which include: Wired Equivalent Privacy (WEP) standard encryption scheme, Wi-Fi Protected Access (WPA) security specification and the Lightweight and Efficient Application Protocols (LEAP).

Password Protected

With projectors increasingly becoming a part of business and education life, it is often important to control their use and prevent theft. With the Epson EMP-750, EMP-760 and EMP-765 you can (if required) prevent operation without a correct password, set a time limit and protect the user logo in the start-up screen. Additionally, a cable lock feature safeguards against theft.

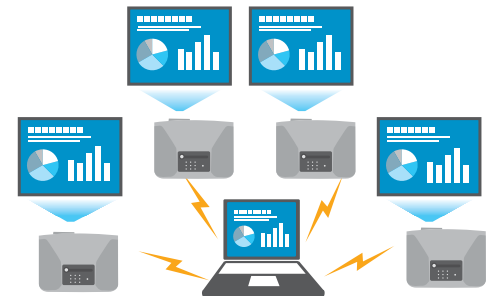
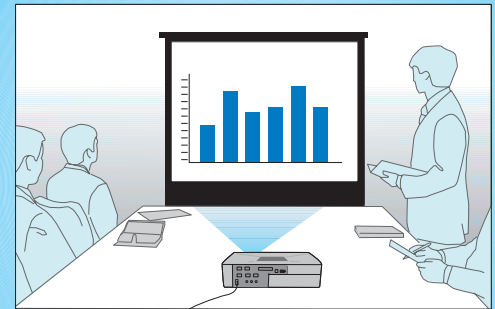
PC-Free Presentation (EMP-765 only)

Mobile presentations are incredibly easy with the Epson EMP-765. PC-free capability means users can connect a range of USB-enabled devices such as thumb drives, USB-hard disk drives and digital still cameras, while a PCMCIA slot supports a range of PC memory cards.

For quick and easy slide-show presentations at weddings, business conferences or training seminars the Epson EMP-765 can project pictures, MPEG2 files and presentations without the need for a PC – it's that simple.



Epson EMP-765 - Wireless card included



Wirelessly connect up to four Epson wireless projectors to a single PC / notebook.



USB Memory

Compact and Bright - Epson's Innovative New E-TORL Lamp

(E-TORL: Epson-Twin Optimise Reflection Lamp)

Epson's recently developed small, high performance "E-TORL" lamps efficiently gather and project light to effectively eliminate light-leakage and minimise light diffraction. This system combines an ellipsoidal reflector with an aspherical lens and a hemispherical mirror to produce a lamp so small and highly efficient that it is ahead of its time.

E-TORL

Ready in Seconds – Simply Plug and Protect

All that is needed to set up your projector is to plug it in, connect your data source and within seconds you are ready to present. The projected image is instantly aligned thanks to automatic keystone correction and the projection level can be easily adjusted using the single foot release lever. When you have finished your presentation, simply switch off and pack away. With the instant off button there's no waiting around for the projector to switch off.



EPSON EMP-750 / EMP-760 & EMP-765 PROJECTORS

Specifications

EMP-765 1.8Kg

EPSON AUSTRALIA
CUSTOMER SERVICE LINE
Tel: 1300 361 054

VISIT OUR WEBSITE:
www.epson.com.au

HEAD OFFICE
SYDNEY
3 Talavera Road
North Ryde, NSW 2113
Tel: (02) 8899 3666

MELBOURNE
Tel: (03) 8823 9200

EPSON NEW ZEALAND
CUSTOMER SERVICE LINE
Tel: 0800 23 77 66

VISIT OUR WEBSITE:
www.epson.co.nz

AUCKLAND
245 Hobson Street
Auckland NZ
Tel: (09) 366 6855

ABN 91 002 625 783
10/05

PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
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PROJECTION METHOD	Front / Rear / Ceiling Mount	
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SPECIFICATION OF MAIN PARTS		
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LCD	Size	0.7 inches with MLA
	Driving Method	Poly-silicon TFT Active Matrix
	Pixel Number	786,432 dots (1024 x 768) x 3
	Native Resolution	XGA
	Aspect Ratio	4:3
PROJECTION LENS	Pixel Arrangement	Stripe
	Refresh Rate	72Hz
	Type	Manual: zoom / focus
	F-number	1.58 - 1.76
	Focal length	23.7 - 28.5mm
LAMP	Zoom ratio	1 - 1.2 (optical)
	Offset	6:1
	Type	170W UHE
	Optical system	Dichroic Mirror separation & prism combine method

SCREEN SIZE (PROJECTED DISTANCE)		
	30 to 300 inch [1.2 to 12.1m]	(Zoom: Tele)
	30 to 300 inch [1.0 to 10.1m]	(Zoom: Wide)

BRIGHTNESS	EMP-750	EMP-760 / EMP-765
HIGH BRIGHTNESS MODE	2000 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)	2500 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)
LOW BRIGHTNESS MODE	1500 ANSI lumens (Colour mode: sRGB, Theatre, Zoom: Wide)	2000 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)

CONTRAST	400:1 (Colour mode: Dynamic, High brightness modes)
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BRIGHTNESS UNIFORMITY	90% (Typ.)
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COLOUR REPRODUCTION	Full Colour (16.77 million colours)
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SOUND OUTPUT (INTERNAL SPEAKER)	1W Monaural
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FUNCTION	Pointer, User Logo, A/V mute, Freeze
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COLOUR MODES	Dynamic, Presentation, Living room, Theatre, Blackboard, sRGB
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EFFECTIVE SCANNING FREQUENCY RANGE		
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PIXEL CLOCK	13.5MHz to 162MHz
HORIZONTAL	15kHz to 92kHz
VERTICAL	50Hz to 85Hz

ADJUSTMENT FUNCTION		
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PROJECTOR / REMOTE CONTROL	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal etc.
FOOT ADJUSTER	Front centre, Rear
TILT ANGLE	0 to 12 degrees
KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)
AUTO DETECTION OF RGB / YCbCr	Yes
OPERATION PANEL PROTECTED FUNCTION	Yes
PASSWORD PROTECTED FUNCTION	Yes (Security function) (Protection of User logo, Time lock)

ANALOGUE RGB I/O		
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DISPLAY PERFORMANCE	Native	1024 x 768 pixels
	Signal type	Separate signal
INPUT SIGNAL	Video Signal	Analogue (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
	Sync. Signal	Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
VIDEO INPUT TERMINAL		Mini D-sub 15pin x 1 Blue-moulding

VIDEO I/O		
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DISPLAY PERFORMANCE	NTSC: 560 line PAL: 560 line (Depends 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 (Analogue Y level 0.7V 75ohm / Cr Cb level +/-0.35V 75ohm / sync. negative 0.3V or 3-state +/-0.3V on Y) / Video-RGB (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
VIDEO INPUT TERMINAL	Composite Video: RCA (Yellow) x 1, S-Video: Mini DIN, Component Video: Mini D-sub 15pin, Blue-moulding (in common with Analogue RGB connector) Video-RGB: Mini D-sub 15pin Blue-moulding (in common with Analogue RGB connector)	

AUDIO I/O		
AUDIO SIGNAL		500mVrms / 47Kohm
AUDIO TERMINAL	EMP-750 / EMP-760 EMP-765	Stereo mini jack x 1 (Audio In is available) (Audio In or Out are selectable on OSD menu) (Audio Out is available via EasyMP)

CONTROL I/O		
USB I/O	I/O Terminal	USB connector series B x 1 (for mouse, K/B, control) USB connector series A x 1 EMP-765 only (for DSC, USB memory)

CARD I/O	PCMCIA	Type I / II x 1 (EMP-765 only)
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OPERATING TEMPERATURE	5°C to 35°C <41°F to 95°F>
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DIRECT ON	Yes
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POWER OFF	Instant Off
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START-UP PERIOD	Approx. 7 sec
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POWER SUPPLY VOLTAGE	100-240V ±10%, 50/60Hz AC
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POWER CONSUMPTION		
	100-240VAC	2.7-1.1A 50 / 60Hz
	Lamp On 240W	
	Standby (Network ON) 35W (EMP-765 only)	
	Standby 4.0W	

DIMENSION		
EXCLUDING FEET	193(D) x 276(W) x 70(H) mm	
MAXIMUM DIMENSIONS	193(D) x 276(W) x 81(H) mm	

WEIGHT	EMP-765	EMP-750 / EMP-760
	Approx. 1.8Kg	Approx. 1.7Kg

FAN NOISE	35dB
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EASY MP	EMP-765	EMP-750 / EMP-760
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FUNCTION	Projector control and projector management via network	No
	Email Notification	No
	SNMP	No
	Card Player (with USB storage player)	No
	Network Screen	No
	Easy Web	No
SOFTWARE	EMP Monitor Ver 3.04 (for Windows®)	No
	EMP Network Manager (Via website)	No
	EMP NS Connection Ver 1.40 (for Windows®) (New) / EMP NS Connection Ver 1.11 (for Mac®)	No
SECURITY (WIRELESS LAN)	EMP Slide Maker2 Ver 1.12	No
	WPA, CCX (Cisco)	No

PRODUCT CODE		
	EMP-750	V11H201053
	EMP-760	V11H199053
	EMP-765	V11H198053

ACCESSORIES		
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POWER CORD	1.8m
COMPUTER CABLE	1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male)
USB CABLE	1.8m USB A / USB B
REMOTE CONTROL	Included
BATTERY	Alkaline AAA x 2
AUDIO ADAPTER	3.5mm stereo miniplug (male) <-> RCA jack x 2 (female) 15cm
SOFT CARRYING CASE	Included
LENS CAP	Included
PASSWORD PROTECT STICKER	Included
WIRELESS LAN CARD	Included 802.11g / b (EMP-765 only)
EASYMP SOFTWARE (CD-ROM)	Included (EMP-765 only)

OPTION		
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SPARE LAMP	V13H010L32
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WARRANTY		
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STANDARD	2 years*
For warranty terms see www.epson.com.au/warranty	
(*excluding lamp)	

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