

# EPSON® EMP-7800/EMP-7850



*Intelligent performance, fully networkable XGA business projectors*

- **High brightness 3,500 ANSI lumens projectors**
- **Smart networkability using EPSON's EasyMP.net functions**
- **Seamless wireless LAN and PC-free presentations (EPSON EMP-7850)**
- **Intelligent input source windowing with EPSON Preview function**
- **Perfect projection shape with EPSON Quick Corner®**
- **Optimum colour image adjustment on any projection surface with EPSON Wall Shot®**

# ADVANCED NETWORK CAPABILITIES FOR COLLABORATION PRESENTATION CONTROL



## EPSON® EMP-7800/EMP-7850

EPSON proudly introduces the EPSON EMP-7800 & EPSON EMP-7850, truly innovative business projectors which give ultra-bright and high contrast imaging with advanced network compatibilities. They are completely portable and feature many unique functions for simple set-up and operation.

For your wired networks, the EPSON EMP-7800 delivers state-of-the-art projector monitoring integrated systems, whilst the EPSON EMP-7850 offers you the ultimate in smart performance for wireless and PC-free projections.

### INTELLIGENT MEETING SET-UP

As time counts in a business environment, the EPSON EMP-7800 and EPSON EMP-7850 are equipped with the ultimate cutting-edge technology ensuring quick and easy set-up thanks to their smart and powerful features.



#### EPSON Wall Shot®

Whatever colour you choose as your projection surface, the EPSON EMP-7800 and EPSON EMP-7850 will automatically adjust image brightness, contrast and tone parameters to deliver the best image quality results for you.

#### Short Viewing Distance

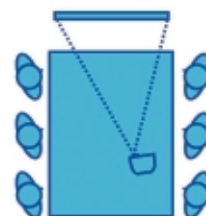
The EPSON EMP-7800 and EPSON EMP-7850 have been designed to present big ideas to a big screen regardless of how large or small your presentation room may be.

#### Auto Keystone Correction

The geometrics of the installation environment may be easily and quickly set thanks to the advanced trapezoidal correction.

#### EPSON Quick Corner®

Both the EPSON EMP-7800 and EPSON EMP-7850 have been devised to assist the projection screen display in a smarter way. An on screen 'assistance' window will support the set up of a perfect projection screen in many situations.

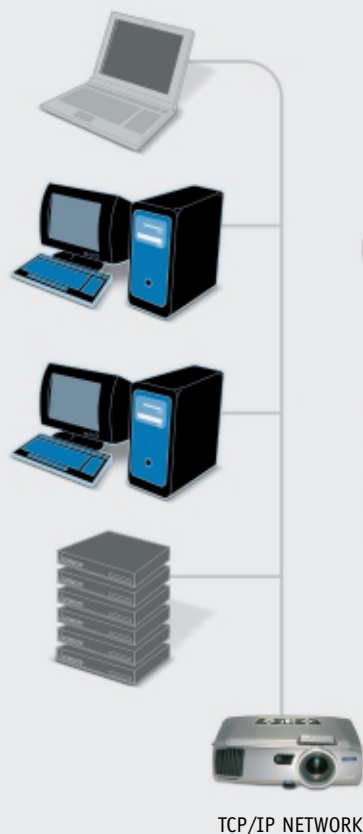


### EPSON® EasyMP.net™

EPSON EasyMP.net is an umbrella concept that covers a number of advanced features which perfectly integrate the EPSON projectors into a LAN network.

#### Infrastructure Mode

This ensures projectors can easily integrate into a fixed LAN network, either wired (EPSON EMP-7800) or wireless (EPSON EMP-7850).



#### Remote Monitor via Network

You can view, monitor and control the projectors over a LAN network. It features SNMP control, EPSON monitoring software and email notification as well as performance monitoring, alert checking and other control functions.



#### Adhoc mode

This mode is perfect for itinerant presenters, providing wireless connection to any suitable environment via EPSON's Network Screen software.

#### Wireless and PC-free presentations

Thanks to the Network Screen application, more than one EPSON EMP-7850 can be connected during a wireless multiscreen session. Alternatively, several PC's can share the EPSON projector and swap presentations in a simple two-click operation. A PC card slot enables your EPSON EMP-7850 to play presentations and MPEG 2 files easily and wirelessly.



## INTELLIGENT OPERATION FUNCTIONS

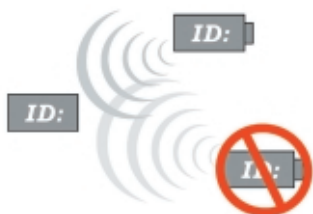
Value added enhanced control functions ensure easy operation.

#### Dual Brightness Mode

A key feature in EPSON engineering is to optimise performance. This means that the EPSON EMP-7800 and EPSON EMP-7850 are equipped with flexible functions that improve the life cycle of products, and in 'silent mode', respect the business environment and lengthen lamp life up to 3000 hours.

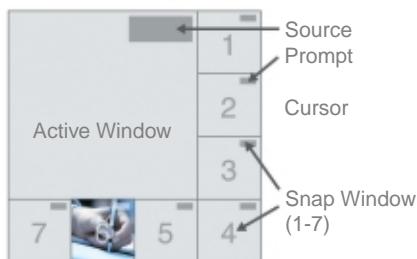
#### ID Function

Develops versatility and flexibility of multiple screen installations by controlling all projectors within a grouped installation, either individually or all together.



#### Password Protected Security Function

Safeguard your investment by deterring thieves and preventing unauthorised use.



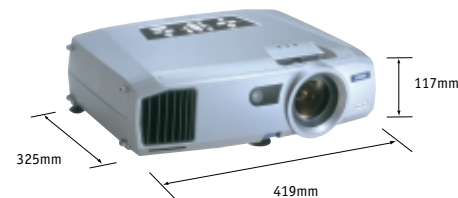
#### Intelligent Windowing

Modern projectors like the EPSON EMP-7800 and EPSON EMP-7850 enable a complete search of input sources available at any one time. An easy and smart way to view it is by using the EPSON Preview function.

#### Main features and product benefits

- High brightness with 3,500 ANSI lumens
- Optimum light performance by dual brightness mode
- Cutting-edge EPSON 1.0" DREAM III LCD panels
- Intelligent network operations with EPSON EasyMP.net functions
- Wireless networking and PC-less presentations
- Intelligent set-up functions
- Quiet business environment guaranteed with Silent Mode
- Easy to use and comprehensive to control
- Protected investment using password security

# EPSON® EMP-7800/EMP-7850



## Specifications

MODEL	EPSON EMP-7800/EMP-7850	
PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD	Front/Rear/Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	Size	1.0 inches without MLA
	Driving Method	Poly-silicon TFT Active Matrix
	Pixel number	786432 dots (1024x768) x 3
	Native Resolution	XGA
	Aspect ratio	4:3
	Refresh rate	72Hz
Projection	Type	Manual: zoom/focus
	F-number	1.7-2.3
	Focal length	28-37mm
	Zoom ratio	1-1.35
Lamp	Type	250W UHE
	Life	2000H (Normal mode)/3000H (Silent mode)
OPTICAL SYSTEM	Dichroic Mirror Separation & Prism combine Method	
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300inch [1.1 to 11m] (Zoom: Tele), 30 to 300inch [0.8 to 8.2m] (Zoom: Wide)	
KEYSTONE CORRECTION RATIO	10:0	
BRIGHTNESS		
Normal Mode	3500 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)	
Silent Mode	2500 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)	
CONTRAST RATIO	700:1	
BRIGHTNESS UNIFORMITY	90%(Typ.) (Lens shift: Center)	
COLOR REPRODUCTION	Full Colour (16.77million colours)	
VIDEO QUALITY	3D Y/C separation (NTSC only), Interlace-Progressive conversion (3-2/2-2 film detection, motion detection, Jaggy reduction)	
SOUND OUTPUT	5W Monaural	
FUNCTION	Effect, PIP, Preview, User Logo, A/V mute, Freeze	
ADJUSTMENT FUNCTION		
Projector/Remote Control	Keystone/Brightness/Contrast/Tint/Saturation/Sound/Input signal etc.	
Tilt Angle	-4 to 12 degrees	
Keystone Correction	Vertical: -40 to +40 degrees, Horizontal: -20 to +20 degrees (Zoom: Tele)	
Auto Keystone Correction	Implemented (Vertical only)	
Wall Shot®	Adjusting color and Brightness for wall by sensor	
Password protected Function (Security function)	Implemented	
ANALOG RGB I/O		
Display Performance	Native	1024 x 768 dots
Input Terminal	Video	Mini D-sub 15pin x 1 5BNC x 1
	Audio	Stereo mini jack x 1 (for Mini D-sub 15pin) RCA x 2 (for 5-BNC)
Output Terminal	Video	Mini D-sub 15pin x 1
	Audio	Stereo mini jack
DIGITAL RGB I/O		
Display Performance	Native	1024 x 768 dots
Input Terminal	Video	DVI TypeD x 1
	Audio	Stereo mini jack (double use with D-sub 15pin)
VIDEO I/O		
Display Performance	Video	NTSC: 560 line, PAL: 560 line (Depend on observation of the multi burst pattern)
Input Terminal	Video	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: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) RCA (White/Red) x 2
CONTROL I/O		
USB I/O	I/O terminal	USB connector series B x 1 (for mouse, K/B, control)
Serial I/O	I/O terminal	Mini D-sub 9pin x 1
	I/O signal	RS-232C RJ45 x 1
Network interface	EMP-7850: (via PCMCIA slot: WiFi as standard)	
Input terminal	Remote Control	Stereo mini jack x 1
CARD I/O		
PCMCIA	Type	----
	Supported Memory Card (with PCMCIA card adapter)	EPSON EMP-7850 Compact Flash/Smart Media/Memory stick/SD/MMC /3.3 volts type ATA Flash card/5 volts type ATA Flash card/Micro Drive
	Supported Wireless LAN card	EPSON EMP-7850 WiFi PCMCIA card type II
	Supported Wired LAN card	Wired PCMCIA NE2000 compatible card
Operating temperature	5°C to 35 °C <41°F to 95 °F>	
Cool-down period	about 30 seconds	
START-UP PERIOD	about 40 seconds	
POWER SUPPLY VOLTAGE	100-240V ±10%, 50/60HZ AC	
POWER CONSUMPTION	100 - 240VAC 3.6 - 1.6A, 50/60Hz	
DIMENSION	Exclude Feet	325(D) x 419(W) x 117(H) mm
	Maximum dimension	325(D) x 419(W) x 138(H) mm
WEIGHT	5.5KG	
FAN NOISE		
Normal mode	36dB	
Silent mode	33dB	
ACCESSORIES		
Power cord	3m	
Computer cable	1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin(Male)	
Audio cable	1.8m Stereo mini jack	
Mouse cable	1.8m, USB A/USB B	
Remote Control	included (new)	
Battery	Alkaline AA x 2	
Wireless LAN card	EPSON EMP-7850: 1 piece	
RCA Video Cable	1RCA 3m	
RCA Audio Cable	2RCA 3m	
EPSON Projector Software	CD-ROM	
EasyMP Software	EPSON EMP-7850: CD ROM	
Owner's manual	included	
OPTIONS	Middle Through Lens (5.0m for 100"screen), Long Through Lens (6.5m for 100" screen), Hard Travel Case, Soft Carrying Case, Ceiling Mount, Remote Control Cable set, Air Filter Set	
WARRANTY	3 year warranty	

## EasyManagement Contents

FUNCTION EPSON EMP-7800	PROJECTOR CONTROL AND PROJECTOR MANAGEMENT VIA NETWORK
	E-MAIL NOTIFICATION
	SNMP
FUNCTION EPSON EMP-7850	PROJECTOR CONTROL AND PROJECTOR MANAGEMENT VIA NETWORK
	E-MAIL NOTIFICATION
	SNMP
	WEB CONTROL
	NETWORK SCREEN
	CARD PLAYER: PC LESS PRESENTATION, MPEG 2 PLAYER
SOFTWARE EPSON EMP-7800	EMP MONITOR (FOR WINDOWS®)
	EMP NETWORKMANAGER (FOR WINDOWS®)
SOFTWARE EPSON EMP-7850	EMP MONITOR (FOR WINDOWS®)
	EMP NS CONNECTION (FOR WINDOWS®)
	EMP SLIDEMAKER2 (FOR WINDOWS®)

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ISO 14001 BVQI Certification Number 80679



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