EPSON ®

EXCEED YOUR VISION

Epson
EMP **62/82**

Ideal for your classroom or boardroom -
fast, efficient and reliable

The new Epson EMP 62/82 desktop projectors provide improved brightness, superb image quality, and multi-media capability at an affordable price. Easy to set up, use and turn off, they will bring your classroom or boardroom to life.

Compact, sleek and stylish

Sleek, stylish and lightweight (2.8kg), the Epson EMP 62/82 are both versatile and portable. Utilising the latest 3LCD technology, you'll enjoy brighter images with the 2000 ANSI lumens, more natural colour reproduction and crisp, smooth video playback. Your audience will also remain focused on your presentation thanks to its quiet operation at just 30 dB*.

Mobile or fixed solutions

Easily moved from classroom to classroom, or used by business staff constantly on the move, the Epson EMP 62/82 can also be permanently fixed to ceilings in classrooms, training rooms and meeting rooms with the optional ceiling mount kit. These products can also be monitored remotely via the network, using a 3rd party device.

*in low brightness mode

Compact and lightweight - ideal for moving from room to room

Quick, simple and secure to use
If increased time constraints in education and business seem to add to your daily pressures, you'll be delighted that these projectors take only 4 seconds before information begins to be displayed. They also benefit from the Instant Off feature so there's no waiting around after finishing your lesson or presentation.

Automatic Vertical Keystone correction (to ± 30°), and an intuitive control panel means you're quickly up and running, even in the smallest of rooms. Enhanced security with password access, and optional remote control setting, ensures you're always in control.

Multi-media and audio capability
The Epson EMP 62/82 accept input data from 2 PCs, allowing you to conveniently switch between them. The built-in speaker offer excellent audio support, and optional cables are available to connect to a range of other sources, such as DVD players and digital cameras.

E-TORL technology
Our patented E-TORL lamp ensures clear visibility, even in light rooms giving increased brightness for lower power consumption than standard lamps. Smaller, brighter, more energy efficient, the E-TORL is tomorrow's lamp, today.
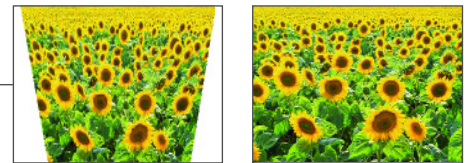
On the back:

1. RGB in for PC input
2. RCA for composite video and audio input
3. S-Video
4. USB (B) for PC remote control (with optional cable)
5. RGB out for external monitor
6. Audio out
7. RS-232C for remote monitoring and control

Instant Off

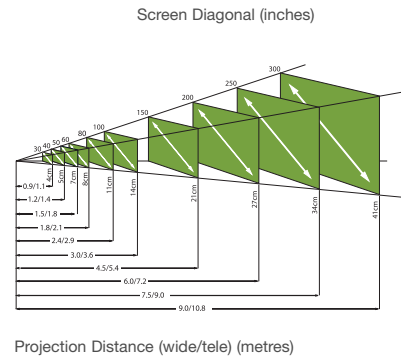Optical zoom

Automatic Vertical Keystone correction
Images are instantly aligned with our automatic keystone correction.

Epson EMP 62/82

Versatile, affordable, compact - ideal for classrooms, seminars and training rooms
• Bright images with 2000 ANSI lumens from energy efficient, Epson exclusive E-TORL lamp
• Exceptional image quality through Epson's 3LCD technology
• Instant Off keeps you in control with no delays
• Enhanced security with password protection
• Lightweight, portable with intelligent network capability (using 3rd party device)
• Quick start menu saves you time and effort
• Convenient, intuitive control panel and remote control
• Internal 5W- speakers for added audio capabilities

Screen Diagonal (inches)

Model	Epson EMP-62 / Epson EMP-82
Projection System	RGB Liquid Crystal Shutter Projection System
Projection Method	Front / Rear / Ceiling Mount
Specification of Main Parts	
LCD Panels	Size: 0.6inches with MLA; Driving Methods: Poly-silicon TFT Active Matrix; Pixel Number: 480000 dots (800x600) x3 (EMP 62) / 786432 dots (1024x768) x3 (EMP 82); Native Resolution: SVGA / XGA; Aspect Ratio: 4:3; Pixel Arrangement: Stripe; Refresh Rate: 50 Hz - 72 Hz
Projection Lens	Type: Manual: zoom / focus; F-number: 1.60-1.74; Focal Length: 18.4 mm-22.12 mm; Zoom Ratio: 1 - 1.2; Lens Cover: Included
Lamp	Type: 170W UHE; Life: 2000h (High Brightness) / 3000h (Low Brightness)
Screen Size	30" to 300" [1.1 to 11 m] (Zoom:Tele) / 30" to 300" [0.9 to 9.0 m] (Zoom:Wide) /
(Projected Distance)	60" screen 1.8 - 2.1 m; Offset 10:1
Brightness	
High Brightness Mode	2000 ANSI lumens (Colour mode: Game, Zoom: Wide)
Low Brightness Mode	1500 ANSI lumens (Colour mode: Game, Zoom: Wide)
Contrast	400:1 (Colour mode: Game, High brightness mode)
Brightness Uniformity	85% (Typ.) 70% (Min)
Colour Reproduction	Full Colour (16.77million colours)
Sound Output	5W Monaural
Function	Effect, User Logo, A/V mute, Freeze
Remote Control Infrared	
Receiver Directivity	Right/Left: -30 to +30 degrees / Upper/Lower: -15 to +15 degrees
Effective Scanning Frequency	
Range (Analogue)	
Pixel Clock	13.5MHz to 162MHz
Horizontal	15KHz to 92KHz
Vertical	50Hz to 85Hz
Adjustment Function	
Projector / Remote Control	Keystone (Vertical)/ Brightness/ Contrast/ Tint/ Saturation/ Sound/ Input signal.
Foot Adjustor	Front-centre
Tilt Angle	0 to 10 degrees
Auto Keystone Correction	Vertical: -30 to +30 degrees (Zoom: Tele)
Source Search	Yes
Auto Detection of RGB/YCbCr	Yes
Operation Panel Protected Function	Yes
Password Protected Function	Yes
Colour Mode	PC: Photo, Presentation, Theatre, Game, sRGB, Blackboard Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard
Direct Power On	Yes
Analogue RGB I/O	
Display Performance	1024 x 768 dots / 800 x 600 dots
Input Signal	Separate signal
Video Input Terminal	Analogue (0.7V p-p, 75 ohm/ Mac 0.714Vp-p, 75ohm)
Sync. Signal	Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
Audio Signal	500mVrms / 47k-ohm
Input Terminal Video	Mini D-sub 15pin x 2 Blue-molding
Input Terminal Audio	Stereo mini-jack x 2
Output Signal Video	Analogue (0.7V p-p, 75 ohm/ Mac 0.714Vp-p, 75ohm)
Output Signal Sync.	Separate (positive & negative, TTL) / Composite (positive & negative,TTL) / Sync. on green (negative 0.2-0.4 Vp-p)
Output Terminal	Video: Mini D-sub 15pin x1 Black-molding; Audio: Stereo mini jack (Variable)
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 (Analogue 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 0.714 / Audio Signal: 500mVrms / 47k-ohm
Input Terminal	Video: Composite Video: RCA (Yellow) x 1; S-Video: Mini DIN; Component Video: Mini D-sub 15pin Blue-molding (in common with Analogue RGB connector); Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analogue RGB connector) Audio: Stereo mini jack x 2
Control I/O	
USB	I/O Terminal: USB connector series B x1 (for mouse, K/B, control)
Serial	I/O Terminal: Mini D-sub 9pin x1; I/O Signal: RS-232C
Operating Temperature	5°C to 35°C <41°F to 95°F> (20%-80% Humidity) / Thermal shut down > 45 °C
Start-up Period	about 4 seconds
Cool-down Period	0 seconds, Instant Off
Power Supply Voltage	100-240V ±10% , 50/60Hz AC
Power Consumption	230V area (Europe): Lamp on: 240; Stand-by: 5.0; Rated Voltage & Current: 100 - 240 VAC 2.9 - 1.2A 50/60Hz
Dimensions (D x W x H)	Excluding feet: 246(D) x 327(W) x 86(H) mm / Maximum Dimensions: 246(D) x 327(W) x 98(H) mm
Weight	< 5.9lbs. / 2.7kg
Fan Noise	Low Brightness Mode: 30dB
Accessories	Power Cord: 3m; Computer Cable: 1.8m, Slim-cable with blue colour jacks, Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male); USB Cable: 1.8m, USB A/USB B; Remote Control, Battery: AAA Alkaline battery x2; Soft Carrying Case, Frame Air Filter, Password Protect Sticker, User Manual
Options	Spare Lamp: ELPLP34; Air Filter Set: ELPAF08; Soft Carry Case: ELPKS16; Ceiling Mount - Silver: ELPMB18
Warranty	UK - 3 year next day on site repair or replace Ireland - 3 year next day on site repair or loan

Projection Distance (wide/tele) (metres)

EPSON COVERPLUS+   3LCD   E-TORL

EPSON®