

**EPSON®**  
EXCEED YOUR VISION

Epson  
EMP 6100

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Robust installation projector for  
demanding environments



The Epson EMP-6100 projector combines superb reliability, ease of maintenance and enhanced network monitoring for truly trouble-free presentations. Quite simply, it's the new concept in installation projectors.



#### **Flexible and easy to operate**

Whether you need to run multiple projectors at a single location or require a projector for a tough environment, the EMP-6100 is the ideal solution. Easy to maintain and with exceptional reliability, it's simple to operate via the remote control or the control panel. Versatile and adaptable, the EMP-6100 offers a wide range of set up options – its 1.6x zoom provides greater installation flexibility and gives a 60" image from just 1.8m away.

#### **Designed for demanding environments**

From factories and warehouses, pubs and clubs, craft rooms and workshops through to high capacity auditoriums, theatre and lecture halls, the EMP-6100 offers the high-performance you need. It has been designed with a sealed case and includes the latest air filter technology, so it can handle the most demanding of environments. Its fixed glass lens cover – and optional smoke filter – helps to protect it from damage, ensuring particles and pollutants are kept out, so your projector stays brighter for longer.

#### **Effective network management, ease-of-maintenance**

The EMP-6100 is equipped with our latest monitoring technology, EasyMP™, to enable you to operate it remotely over the network – perfect for saving you time when configuration is required for a particular presentation. The projector can even be controlled with no user intervention so you can program it for one-off or regular events, such as powering on and off at set times.

The EMP-6100 includes preventative maintenance functionality with email notifications to alert, in advance, of any technical problems, giving you time to replace consumables or rectify problems before they potentially interrupt a presentation.



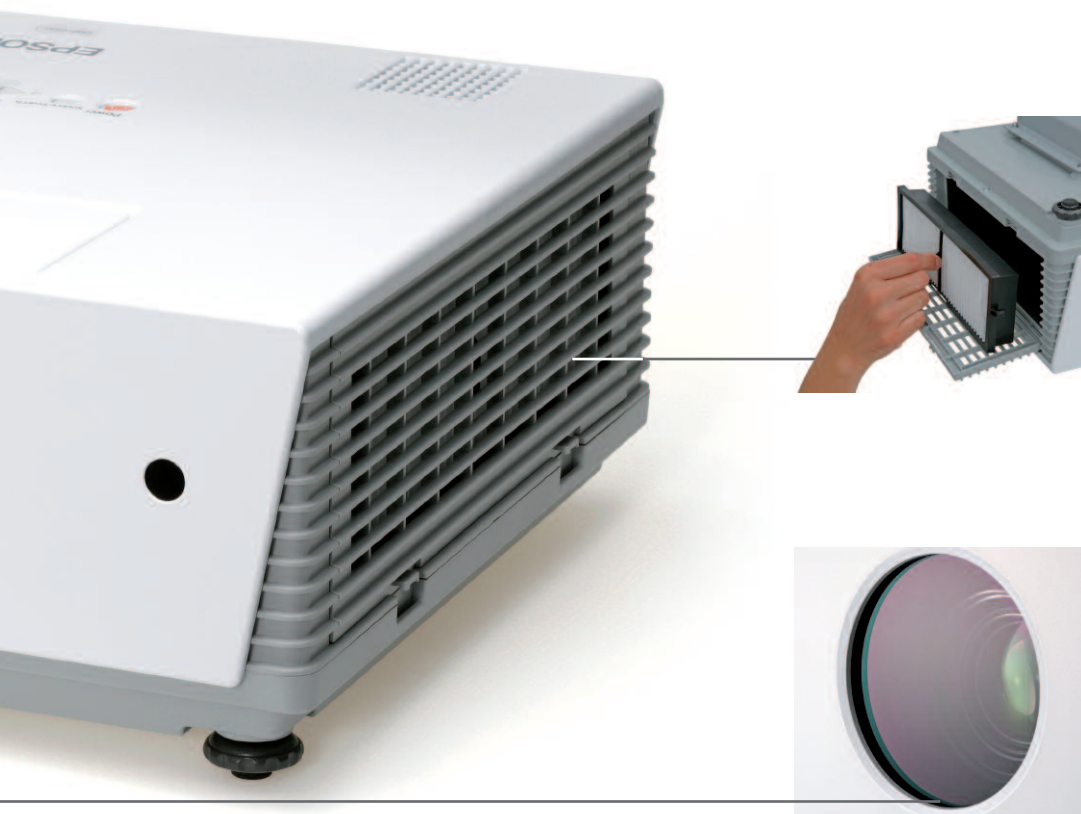
Projector installed using ceiling mount

### Outstanding image quality

You can rely on perfect presentations every time with the Epson EMP-6100. It features the latest 3LCD technology, our patented E-TORL lamp and 3500 lumens brightness, for beautiful, bright, bold images in any environment, in any conditions – even in the daylight.

### Advanced features, total peace of mind

For your convenience, every Epson EMP-6100 comes with a ceiling mount kit, spare lamp and spare high efficiency air filter. And for your peace of mind, it includes enhanced anti-theft features such as PIN code protection, cable bar and lockable cable cover. What's more, the EMP-6100 includes a market leading three-year, on-site, de-install/re-install warranty, to ensure continuous operation and minimise downtime.



The super high-efficiency filter keeps dust particles at bay, so your projector stays brighter for longer

The fixed glass lens cover protects the lens from damage and prevents dust or smoke degradation

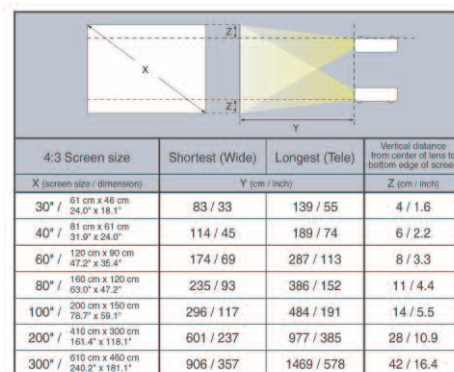
### Robust, reliable and high-performance – ideal for demanding environments

- Designed for demanding environments with high efficiency filter and sealed casing for maximum durability
- Advanced remote network management with Epson EasyMP™
- Exceptional image quality through Epson's 3LCD technology
- Energy efficient, Epson exclusive E-TORL lamp
- High-performance in any light with 3500 ANSI lumens brightness
- Enhanced theft-prevention features include PIN protection and security bar
- Free extra accessories included – ceiling mount kit, spare lamp and spare filter
- Keeps costs low with simple maintenance and exceptional reliability
- Peace of mind with three-year, on-site, de-install/re-install warranty

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Model	Epson EMP-6100
<b>Specifications</b> <b>Projection System</b> <b>Projection Method</b> <b>Specifications of main parts</b> <b>LCD</b>	RGB Liquid Crystal Shutter Projection System Front / Rear / Ceiling Mount  Size: 0.8-inch with MLA; Driving Methods: Poly-silicon TFT active matrix; Pixel Number: 786,432 dots (1024 x 768) x3; Native Resolution: XGA; Aspect Ratio: 4:3; Pixel Arrangement: Cross Stripe; Refresh Rate: 50 Hz – 72 Hz Type: Manual: zoom / focus; F-number: 1.75-2.42; Focal Length: 24 mm-38.2 mm; Zoom Ratio: 1 – 1.6; Lens Cover: Cover glass Type: 230 W UHE; Life: 2500h (High Brightness) / 3000h (Low Brightness)
Projection Lens	30" to 300" [1.39 to 14.69 m] (Zoom: Tele) / 30" to 300" [0.83 to 9.06 m] (Zoom: Wide) / 60" screen 1.8 – 2.9 m; 10:1
Lamp	High Brightness Mode: 3500 ANSI lumens (Colour mode: Game, Zoom: Wide)
Image	Low Brightness Mode: 2700 ANSI lumens (Colour mode: Game, Zoom: Wide)
Screen Size (Projected Distance)	500:1 (Colour mode: Game, High brightness mode)
Offset	90%
Brightness	Full Colour (16.77 million colours)
Contrast	Output: 5W Monaural
Brightness Uniformity	User logo, A/V mute, Freeze, E-Zoom, Help
Colour Reproduction	Front and Rear (selectable): 6m, Right / Left: -30 to +30 degrees, Upper / Lower: -15 to +15 degrees
Sound	
Functions	
Remote Control Infrared Receiver	
Effective Scanning Frequency Range (Analogue)	
Pixel Clock	13.5MHz to 162MHz up to UXGA 60Hz
Horizontal	15KHz to 99KHz
Vertical	50Hz to 120Hz
Adjustment Functions	
Projector / Remote Control	Brightness / Contrast / Tint / Saturation / Sharpness / Input signal / Sync / Tracking / Position / Colour temperature / Volume
Foot Adjustor	Front right and left
Tilt Angle	0 to 10 degrees
Keystone Correction	Vertical: -30 to +30 degrees
Source Search	Yes
Auto Detection of RGB/Component	Yes
Multi Screen Colour Adjustment	Yes
Operation Panel Protected Function	Yes
Security features	Password Protected Function (Security Function), Protection of User logo, Time lock, Network, Password protect theft deterrent sticker. Anchor bar: for attaching commercially available security cable to prevent theft, and the cable cover can be locked to the anchor bar to prevent unauthorised cable disconnection, Kensington lock compatible
Analogue RGB I/O	
Display Performance	Native: 1024 x 768 dots
Input Signal	Signal Type: Separate signal Video Signal: Analogue (0.7 Vp-p, 75 ohm/ Mac 0.714 Vp-p, 75 ohm) Sync. Signal: Separate (positive & negative, bi-polarity 2-5 Vp-p)/ Composite (positive & negative, bi-polarity 2-5 Vp-p)/ Sync-on-green (negative, 0.3 Vp-p) Audio Signal: 500 mVrms / 47 k-ohm
Input Terminal	Video: Mini D-sub 15pin x 2 Blue-molding
Input Terminal	Audio: Stereo mini-jack x 2
Output Signal	Video Signal: Analogue (0.7 Vp-p, 75 ohm/ Mac 0.714 Vp-p, 75 ohm) Sync. Signal: Separate (positive & negative, TTL) / Composite (positive & negative, TTL) / Sync. on green (negative 0.2-0.4 Vp-p) Video: Mini D-sub 15pin x1 Black-molding; Audio: Stereo mini-jack
Output Terminal	
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 (1.0 Vp-p/ Sync.negative, 75 ohm) / S-Video (Luminous 0.714 Vp-p, Chrominous 0.286 Vp-p, 75 ohm) / Component Video (Analogue Y level 0.7 V 75 ohm / Cr Cb level +/-0.35 V 75 ohm/ sync.negative 0.3 V or 3-state +/-0.3 V on Y) / RGB Video (0.7 V p-p, 75 ohm/ Mac 0.714 Vp-p, 75 ohm) Audio Signal: 500 mVrms/ 47 k-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); RGB Video: D-sub 15pin Blue molding (in common with Analog RGB connector) Audio: RCA (White / Red) for Composite Video, Stereo mini-jack x 2 for S-Video
Control I/O	
Serial	I/O Terminal: Mini D-sub 9pin x1; I/O Signal: RS-232C
Network Interface	LAN (RJ45) x 1
Operating Temperature	0°C to 40°C <32°F to 104°F> (20% - 80% humidity, unfrozen) 0°C to 35°C <32°F to 95°F> (over 1500m / 4921 ft : with High altitude mode, High brightness) (20% - 80% humidity, unfrozen)
Operating Altitude	0m to 3000m <0 ft to 9843 ft> (over 1500m / 4921 ft: with High altitude mode)
Power	Direct Power On and Direct Power Off features
Start-up period	15 seconds (approx.)
Warm-up period	30 seconds
Cool-down period	0 second (Instant Off)
Power Supply Voltage	100-240 V AC ±10%, 50/60Hz
Power Consumption	230V (Europe etc.): Lamp on: 310W; Stand-by: Standby (Network On): 9W, Standby (Network Off): 0.7W 100-120 V Area (JAPAN, USA, etc.): Lamp On: 330W; Standby (Network On): 10W; Standby (Network Off): 0.4W
Physical Characteristics	
Exhaust Direction	Side
Dimensions (D x W x H)	340 x 465 x 160mm, with cable cover fitted D = 455mm
Weight	Approx. 7 kg (15.4 lbs.), with cable cover fitted approx. 7.5 kg (16.5 lbs.)
Fan Noise	High Brightness Mode: 39 dB (High efficient air filter), 43 dB (Smoke air filter) Low Brightness Mode: 33 dB (High efficient air filter), 40 dB (Smoke air filter)
Supplied Accessories	Power Cable 3m, Computer Cable 1.8 m D-sub 15pin (Male) - D-sub 15pin (Male), Remote Control Compact type, Batteries for remote control - Alkaline AAA x 2, Cable Cover, Password Protect Sticker, User's Manual Set, High efficiency air filter x 2 (one fitted in the projector and one spare), Lamp x 2 (one fitted in the projector and one spare), Ceiling mount kit, EPSON Projector Software (CD-ROM)
Optional Accessories	Spare Lamp ELPLP37, Air Filter, High Efficient Filter ELPAF11, Smoke Filter ELPAF12, Portable Roll Screens, 50" ELPSC06, 60" ELPSC07, 80" ELPSC08, Computer Cable HD15 / HD15, 1.8m ELPKC02, 3.0m ELPKC09, 20.0m ELPKC10, Component Video Cable *HD15 / 3RCA (male) 3.0 m ELPKC19, Suspension adaptor for V12H003B21, 450mm ELPPF11, 700mm ELPPF12, Ceiling Mount, Silver colour ELPMB07, Ceiling Plate For Hanging Ceiling Mount with Pipes, Silver colour ELPFC03, Pipe, Silver colour, 370mm ELPPF04, 570mm ELPPF05, 770mm ELPPF06
Warranty	UK – 3 year next day on site repair or replace Ireland – 3 year next day on site repair or loan
Optional Services	AV Preventative Maintenance Service, 1 year 7102463, 3 year 7102464
Software	EMP Monitor (for Windows), Easy MP, ESC/VPnet, E-mail notification, SNMP, Web control, PJ-Link



4:3 Screen size	Shortest (Wide)	Longest (Tele)	Vertical distance from center of lens to bottom edge of screen
X (screen size / dimension)	Y (cm / inch)		Z (cm / inch)
30" / 61 cm x 46 cm 24.0" x 18.1"	83 / 33	139 / 55	4 / 1.6
40" / 81 cm x 61 cm 31.9" x 24.0"	114 / 45	189 / 74	6 / 2.2
60" / 120 cm x 90 cm 47.2" x 35.4"	174 / 69	287 / 113	8 / 3.3
80" / 160 cm x 120 cm 63.0" x 47.2"	235 / 93	386 / 152	11 / 4.4
100" / 200 cm x 150 cm 78.7" x 59.1"	296 / 117	484 / 191	14 / 5.5
200" / 410 cm x 300 cm 161.4" x 118.1"	601 / 237	977 / 385	28 / 10.9
300" / 610 cm x 460 cm 240.2" x 181.1"	906 / 357	1469 / 578	42 / 16.4

Screen size and projection distance

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E-TORL

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