

**EPSON**<sup>®</sup>  
EXCEED YOUR VISION



Epson  
EMP X3



The ideal projector - at work, in a classroom, on the move or at home

Stylish, lightweight, compact and easy to use, the Epson EMP-X3 multi-functional projector is ideal for office, education or mobile use. Ready to display in just 4 seconds, it's one of the quickest projectors on the market.

**Versatile, affordable and packed with the latest Epson technology**

The Epson EMP-X3 multi-purpose projector combines high quality performance with the latest Epson technology, in a sleek, stylish, easy to use projector. The new Epson EMP-X3 has been designed to provide you with a compact, easily transportable projector which comes with its own carry-case. At just 2.6kg, it is also one of the lightest projectors in its class. As well as desktop and mobile capability, the Epson EMP-X3 comes with enhanced installation features, making it great as a permanent fixture for meetings, training or educational use.

**Quick Start and Instant Off**

If increased time constraints in business seem to add to your daily pressures, you'll be delighted that the Epson EMP-X3 projector takes only 4 seconds before information begins to be displayed. It also benefits from the Instant Off feature so there's no waiting around after you have finished.

Convenient panel control



Compact and lightweight - take it wherever you go

### Multi-media capability

The Epson EMP-X3 supports SXGA PC signals, as well as being High Definition compatible, allowing you to view higher resolution images and movies. Optional cables allow you to connect to other media, such as DVD players and digital cameras, bringing to life any presentation in rich, multi-media formats.

### 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.

### Real home cinema experience

Whatever types of movies you love, you'll love the way the Epson EMP-X3

gives you the sharpest, clearest, most natural looking images. Our patented 3LCD technology gives you the brightest, richest colours and perfectly smooth video playback.

With 16:9 movie format compatibility and wide angle lens, even small projection distances create a satisfying big screen effect.



### On the back:



All the connections you need for your PC, TV, DVD or games console.

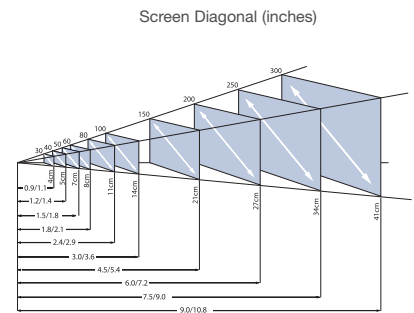
1. RGB in for PC input
2. RCA for composite video and audio inputs
3. S-Video
4. USB (B) for PC remote control (with optional cable)
5. RGB out for external monitor

### Versatile, affordable, compact - perfect for business, the classroom and home

- Lightweight (2.6kg) and portable
- Exceptional image quality with Epson's 3LCD technology
- Quick Start and Instant Off functions
- Convenient, intuitive function panel and remote control
- Enhanced security with password protection
- Quiet operation at only 30 dB in low brightness mode
- Brighter, more energy efficient with Epson's exclusive E-TORL lamp
- Multi-media compatible and amazing big screen entertainment

Epson  
EMP X3

Model	Epson EMP-X3
Projection System	RGB Liquid Crystal Shutter Projection System
Projection Method	Front / Rear / Ceiling Mount
Specification of Main Parts	Size: 0.6" with MLA; Driving Method: Poly-silicon TFT Active Matrix; Pixel Number: 786432
LCD	dots (1024x768) x3; Native Resolution: 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: 2000 hours (High brightness) / 3000 hours (Low brightness)
Screen Size	30" to 300" [1.1 to 11 m] (Zoom:Tele)
(Projected Distance)	30" to 300" [0.9 to 9.0 m] (Zoom:Wide) / 60" screen 1.8 - 2.1 m
Offset	10:1
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	1W Monaural
Function	Effect, User Logo, A/V mute, Freeze
Remote Control Infrared	Right/Left: -30 to +30 degrees / Upper/Lower: -15 to +15 degrees
Receiver Directivity	
Effective Scanning	Pixel Clock: 13.5MHz to 162MHz; Horizontal: 15KHz to 92KHz; Vertical: 50Hz to 85Hz
Frequency Range (Analogue)	
Adjustment Function	Projector / Remote Control: Keystone (Vertical) / Brightness / Contrast / Tint / Saturation / Sound / Input signal etc.; Foot Adjuster: Front-centre; Tilt Angle: 0 to 10 degrees; Keystone Correction: Vertical: -30 to +30 degrees (Zoom: Tele); Source Search; Auto Detection of RGB/YCbCr; Operation Panel Protected Function; "Password Protected Function; (Security function)"; Colour Mode: "PC: Photo, Presentation, Theatre, Game, sRGB, Blackboard; Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard"; Direct Power On
Analogue RGB I/O	
Display Performance	Native: 1024 x 768 dots
Input Signal	Signal Type: Separate signal; Video Signal: Analogue (0.7V p-p, 75 ohm / Mac0.714Vp-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 1 Blue-molding; Audio: -
Output Signal	Video Signal: Analogue (0.7V p-p, 75 ohm / Mac 0.714Vp-p, 75ohm); Sync. Signal: 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
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)
Control I/O	USB I/O: I/O Terminal: USB connector series B x1 (for mouse, K/B, control)
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: 240W; Stand-by: 5.0W
Rated Voltage & Current	100 - 240 VAC 2.9 - 1.2A 50/60Hz
Dimension	Exclude Feet (D x W x H): 246(D) x 327(W) x 86(H) mm; Maximum Dimension (D x W x H): 246(D) x 327(W) x 98(H) mm
Weight	2.6kg
Fan Noise	Low Brightness Mode: 30dB
Accessories	Power Cord: 1.8m; Computer Cable: 1.8m, Slim-cable with blue colour jacks, Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male); Remote Control; Battery: AAA Alkaline battery x2; Soft Carrying Case; Frame Air Filter; Password Protect Sticker; User's manual
Options	Spare Lamp: ELPLP34; Air Filter Set: ELPAF08; Soft Carrying 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)



Telephone: +44 (0) 1442 261144  
E-mail: info@epson.co.uk

Fax: +44 (0) 8702 413093  
www.epson.co.uk

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