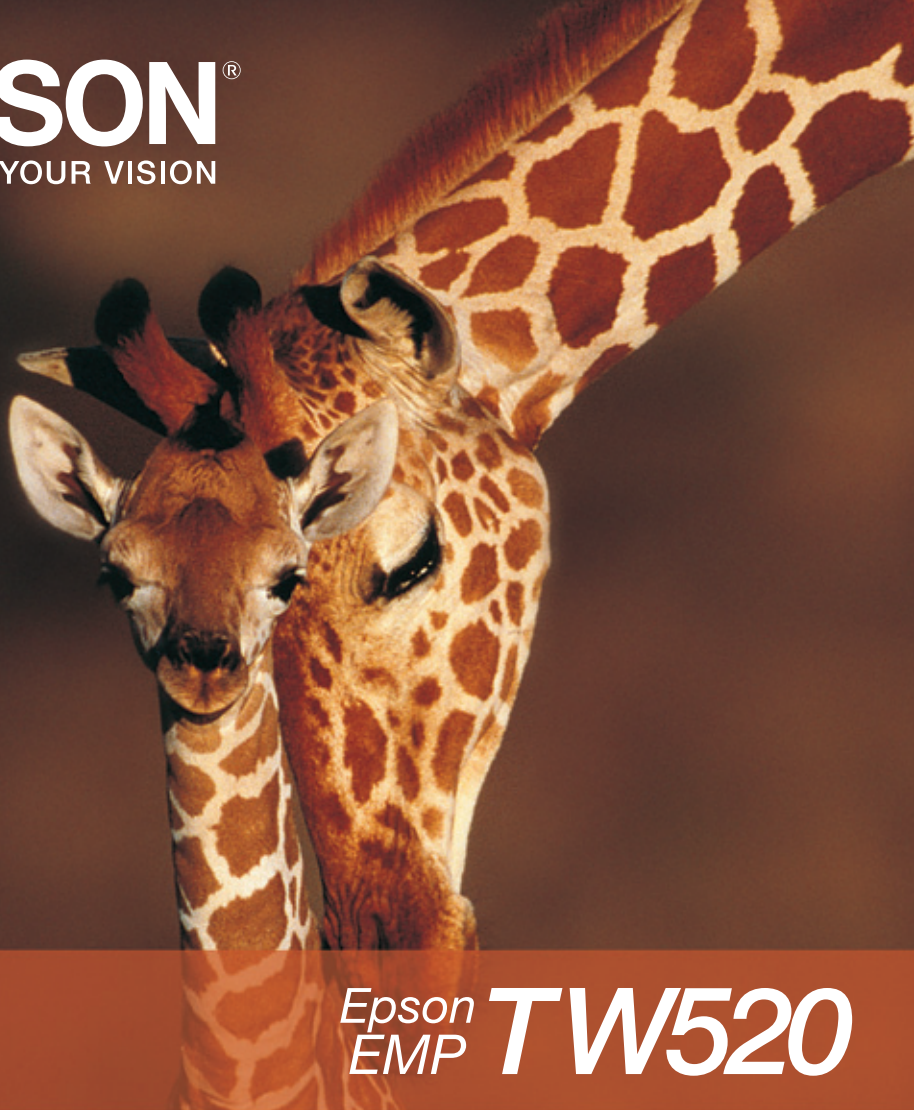


EPSON[®]
EXCEED YOUR VISION




Epson
EMP **TW520**



Big screen multi-media entertainment – at home

At the touch of a button, the Epson EMP-TW520 converts your living room into your very own home cinema. High spec and High Definition ready, it gives an impressive performance that will transform your everyday viewing.

Quiet operation – only 28db
in low brightness mode



High Definition home viewing – on the big screen


Epson makes big screen entertainment an exciting reality. With the Epson EMP-520, you can project a 60" image to a wall or screen from just 2 metres away. It's a breathtaking cinema experience that offers high quality viewing at your convenience. Future proof and High Definition ready, it can handle digital TV images with ease and connects with all your existing equipment. Innovative, imaginative and versatile, switch it on day or night for:

- Movies
- TV
- Video games
- Digital photos
- DVDs
- Home movies

Great movie viewing

You can enjoy clear pictures in daylight with 7 easily adjustable colour modes giving you superb quality viewing, whatever the lighting conditions. The brightness of the lamp ensures effortless daylight viewing and natural colours whilst maintaining energy efficiency. Even in the dark, the handy backlit remote control makes it easy to change sources, and switch viewing formats to suit your viewing pleasure.

Future-proof with HDMI connectivity



The real cinema experience

The unique Epson cinema filter and amazing contrast ratio of 4000:1 means you get a superb quality image whatever you are watching. You can also switch from sports and TV to video games and blockbuster movies without altering the room lighting thanks to the preset color modes. Just enjoy the show.

Suitable for every home

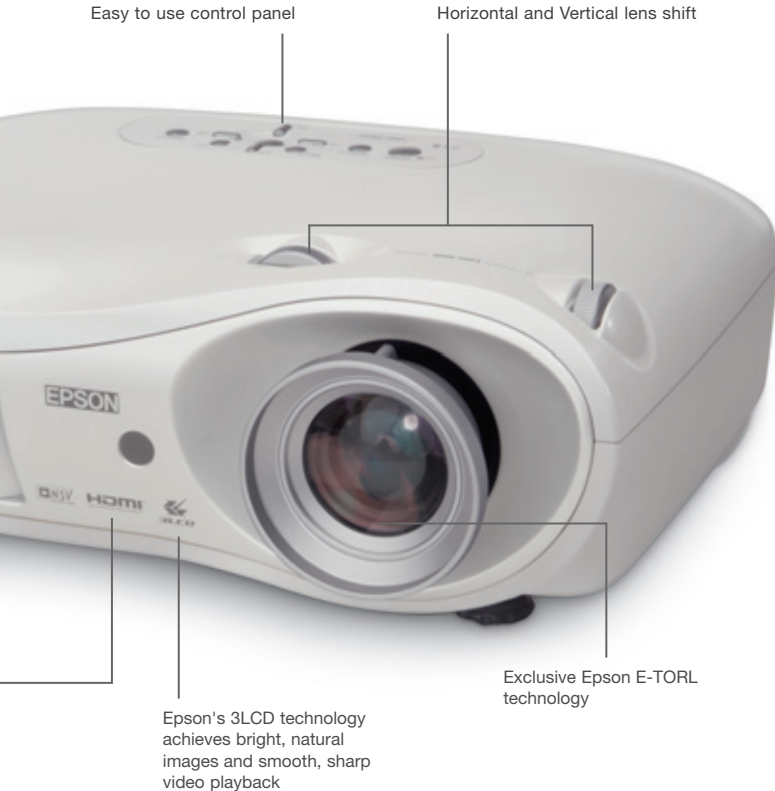
Compact, elegant and easy to install, there's no need to re-arrange your furniture to accommodate your Epson home cinema projector. It can be positioned off-centre and still achieve a clear picture with no distortion.

Bright, natural images

You'll find the built-in Epson 3LCD technology delivers stunning images that are easy on the eye, giving you smooth sharp results even with fast action video sports.

Just plug in and get comfortable!

- Native 16:9 1280 x 720 resolution for a true cinema experience
- Excellent image quality with 4000:1 contrast
- Future proof and High Definition ready (720p with HDMI)
- Daylight viewing with 1400 ANSI lumens
- 7 colour modes adjust fast to changes in lighting
- 10-bit processing for accurate colour reproduction
- Back-lit remote control for ease of use in the dark

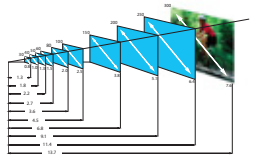


Epson TW520
EMP

Model
 Projection System
 Projection Method
 Specification of Main Parts
 LCD

Epson EMP-TW520
 Liquid Crystal Display with MLA
 Front / Rear / Ceiling Mount

Screen Diagonal (inches)



Projection Lens

Lamp

Screen Size (Projected distance)

Lens Shift Range

Brightness

High Brightness Mode

Contrast

Brightness Uniformity

Colour Reproduction

Colour Modes

Remote Control Infrared

Receiver Directivity

Effective Scanning Frequency

Range (Analog)

Adjustment Function

Size: 0.7" wide; Driving Method: Poly-silicon TFT Active Matrix;
 Pixel Number: 1280 x 720 pixels; Native Resolution: 720P; Aspect Ratio: 16:9;
 Pixel Arrangement: Stripe; Refresh Rate: 50Hz or 60Hz (based on input signal);
 Type: Manual zoom / focus; F-number: 2.1 - 2.8; Focal Length: 21.4 - 31.7 mm;
 Zoom Ratio: 1 - 1.5;

Type: 170W UHE Lamp / E-TORL; Life: 3000h in low lamp mode
 (Colour modes: Theatre black 1/ Theatre black 2)
 1700h in high lamp mode (Colour mode: Dynamic / Living room / sRGB / Natural / Theatre)
 300-300 inch (0.88-9.16 m) (Wide) - 30-300 inch (1.33-13.65 m) (Tele)

Vertical: 100 % max. (Upward and downward) - Horizontal: 50 % max. (Left and right)

1400 ANSI lm (Colour mode: Dynamic)

4000 :1

85 % (Typ.)

Full-colour (16.77 million colours)

Dynamic, Living room, sRGB, Natural, Theatre, Theatre black 1, Theatre black 2

Right/Left : -30 to +30 degrees / Upper/Lower : -30 to +30 degrees

Pixel Clock: 13.5 MHz to 110 MHz; Horizontal: 15 KHz to 92 KHz; Vertical: 50 Hz to 85 Hz
 Projector / Remote Control: Keystone (Vertical) / Brightness / Contrast / Tint / Saturation / Input sign
 Tilt Angle: 0 to 2.1 degrees; Keystone Correction: Vertical: -15 to +15 degrees;
 Epson Cinema Filter: Controlled automatically with colour mode (ON: Theatre / Theatre black 1 /
 Theatre black 2 / Natural / s-RGB, OFF: Living room / Dynamic); Auto Iris: Controlled automatically
 adjusting to video source Epson Super White: Controlled automatically adjusting to video source;
 Customized Gamma Adjustment: Adjustable in 9 points; Six-Axis Colour Adjustment: Users can adju
 and saturation of each colour RGBCMY (red, green, blue, cyan, magenta, yellow)
 Advanced Sharpness Adjustment: High-band Enhancement / Low-band Enhancement /
 H-Sharpness / V-Sharpness

Video I/O

Component Input

Input Signal

Video Standard: 625i / 625i / 525P / 625P / 750P / 1125i; Video Signal: Component video
 (Analog Y level 0.7V 75 ohm / Cr Cb level +/-0.35V 75 ohm / sync.negative 0.3V or 3-state/+0.3V o
 RCA x 3 (Red / Green / Blue)

Input Terminal

Composite / S Input

Input Signal

Video Standard: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM;
 Video Signal: Composite video (1.0Vpp/ Sync.negative, 75 ohm) / S-Video (Luminous 0.714Vpp,
 Chrominous 0.286Vpp, 75 ohm)
 S-Video: Mini DIN 4pin; Video: RCA (Yellow) x 1

Input Terminal

SCART Input

Input Signal

Video Standard: 625i / 525i; Video Signal: RGB video (0.7Vp-p 75 ohm), Sync:CVBS (1.0Vpp / Sync
 D4 + RCA (in common with D4 and composite Video Terminal)

Input Terminal

Analog RGB

Display Performance

Input Signal

Native: 750P; Resize: 1280 x 1024 / 1360 x 768 / 1024 x 768 / 800 x 600 / 640 x 480 / 525i / 625i / 5
 Signal Type: Separate signal; Video Signal: Analog (0.7V p-p, 75 ohm / Mac0.714Vp-p, 75ohm);
 Sync. Signal: Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-
 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
 Video: Mini D-sub 15pin x1 Blue-molding

Input Terminal

HDMI

Input Signal

Video Standard: 525i / 625i / 525P / 625P / 750P / 1125i;

Video Signal: TMD5

Video: HDMI x 1

Input Terminal

Control I/O

Serial I/O

I/O Terminal: Mini D-sub 9 pin x 1; I/O Signal: RS-232C;

Lock Function

Key-lock, Child-lock

Operating Temperature

5 °C to 35 °C <41 °F to 95 °F>

Power Supply Voltage

100-240 VAC ± 10% , 50/60 Hz

Power Consumption

230V*

Dimension

Lamp ON: 250 W (Lamp high brightness), 200 W (lamp low brightness); Standby: 4.5 W
 Exclude feet / maximum dimension: 406 mm (W) x 310 mm (D) x 125 mm (H) / 406 mm (W) x 327 m
 Weight: 5.2 kg.

Fan Noise

Silent Mode: 26 dB (Colour mode: Theatre black 1 / Theatre black 2)

Supplied Accessories

Power Cable: Power Cable (3 m), Remote control, Battery (LR6 <AA> x 2), SCART adaptor, User's

Optional Accessories

Lamp, air filter, ceiling mount kit, screen, computer cable, soft carrying bag

Warranty

UK - 3 year next day on site repair or replace
 Ireland - 3 year next day on site repair or loan

