

EPSON[®]
EXCEED YOUR VISION



Epson
EMP **TW600**

A true cinema experience in the
comfort of your own home



Enjoy DVDs, TV, video games or sports at home and in style with the High Definition ready Epson EMP-TW600. Your living room can quickly become a true home cinema, with 60" screen or larger, when you plug in and play with this stylish projector from Epson.

Quiet operation (only 26db
in low brightness mode)



Make yourself at home

The stylish Epson EMP-TW600 is set to revolutionise your home entertainment. Why save the big screen for movies when you can just as easily watch TV, play video games and more. In fact, with multi-media capabilities, you can plug in all your existing equipment to enjoy larger than life images direct from:

- TV
- DVD
- Digital camera
- Digital set-top box
- Video games
- PC

Project from almost any angle

Thanks to Epson technology you can position the projector off-centre or on the ceiling and still get a sharp picture with no distortion. That way everyone can enjoy world-class action from the front row. Whether you mount your projector on a shelf or the ceiling, or put it on the coffee table, the easy-to-use Horizontal and Vertical lens shift will display your optimum picture in seconds.

Future-proof with HDMI
connectivity



The future looks bright

Embedded with advanced technology, Epson home cinema is helping to define the future of viewing. High Definition ready, it's all set to handle images from digital TV, giving you outstanding clarity. With the amazing brightness of 1600 lumens and contrast ratio of 5000:1, you can watch programmes in broad daylight or in Theatre black mode, enjoy a true cinema atmosphere in subdued lighting conditions.

Big screen, small space

You don't need a large room to project a big screen. You can create an amazing 60" image at 1.5 metres from the screen.

Bright, natural images

The latest 3LCD Imaging technology gives you brighter images, more accurate colour reproduction and finer grey scaling. All of which makes it easy on the eye. The unique Epson Cinema Filter ensures all the colours of the natural world project in their full glory.

Key features

- Native 16:9 1280 x 720 resolution for a true cinema experience
- Excellent definition with 5000:1 best-in-class contrast
- Future proof and High Definition ready – 720p with HDMI
- Daylight viewing with 1600 ANSI lumens
- 7 colour modes, adjust quickly to different lighting conditions
- 10-bit processing for accurate colour reproduction
- Back-lit remote control for ease of use in the dark



Epson
EMP
TW600

Model
Projection System
Projection Method
Specification of Main Parts
LCD

Epson EMP-TW600
Liquid Crystal Display with MLA
Front / Rear / Ceiling Mount

Projection Lens

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: - 1.5;

Lamp

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)
30-300 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)

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

1600 ANSI lm (Colour mode: Dynamic)

5000 :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 signal

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 adjust the hue

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: 525i / 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 on Y)
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,
Chrominus 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.negative, 75ohm)

D4 + RCA (in common with D4 and composite Video Terminal)

Input Terminal

Analog RGB

Display Performance

Native: 750P; Resize: 1280 x 1024 / 1360 x 768 / 1024 x 768 / 800 x 600 / 640 x 480 /

525i / 625i / 525P / 625P / 1125i

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-polarity
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: TMDS

Video: HDMI x 1

Input Terminal

Control I/O

Serial I/O

Lock Function

Operating Temperature

Power Supply Voltage

Power Consumption

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

Key-lock, Child-lock

5 °C to 35 °C <41 °F to 95 °F>

100-240 VAC ±10% , 50/60 Hz

230V*

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 mm (D) x 143 mm (H);

Weight: 5.2 kg.

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

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

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

UK - 3 year next day on site repair or replace

Ireland - 3 year next day on site repair or loan

Dimension

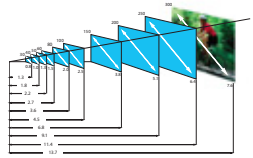
Fan Noise

Supplied Accessories

Optional Accessories

Warranty

Screen Diagonal (inches)



Projection Distance (wide/tele)
in metres (M)



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