

**Model**  
**Projection System**  
**Projection Method**  
**Specification of Main Parts**  
**LCD**

Epson EMP-TWD1  
 RGB liquid crystal shutter projection system  
 Front

**Projection Lens**

Size: 0.55-inch wide panel with MLA; Driving Method: Poly-silicon TFT active matrix;  
 Pixel Number: 409,920 dots (854 x 480) x 3; Native Resolution: 480p; Aspect Ratio: 16:9;  
 Pixel Arrangement: Stripe; Refresh Rate: 50Hz - 60Hz;  
 Type: Manual zoom / Manual focus; F-number: 1.7 - 2.1; Focal Length: 13.7 mm - 20.5 mm;  
 Zoom Ratio: 1 - 1.5; Lens Cover: Yes  
 Type: 135 W UHE (E-TORL); Life: 2000H (Color mode: Dynamic, Living room, Theatre),  
 3000H (Color mode: Theatre Black)  
 30" to 300" (0.73m to 7.75m) (Wide: 16:9 image)  
 30" to 300" (1.11m to 11.37m) (Tele: 16:9 image)  
 Vertical: 50% max. (upward), 50% max. (downward)  
 Horizontal: 25% max. (left and right)

**Screen Size (Projected distance)**

**Lens Shift Range**

**Brightness**

**High Brightness Mode**

**Low Brightness Mode**

**Contrast**

**Brightness Uniformity**

**Color Reproduction**

**Video Quality**

**Sound Output**

**Audio Amp Quality**

**Dynamic range**

**Total Harmonic Distortion**

**Function**

**Color Mode**

**Remote Control Infrared**

**Receiver Position / Distance /**

**Directivity**

**Adjustment Functions**

1200 ANSI lumens (Color mode: Dynamic, Zoom: Wide, Lens Shift: Center)  
 350 ANSI lumens (Color mode: Theatre Black, Zoom: Wide, Lens Shift: Center)  
 1000:1 (Color mode: Dynamic, Zoom: Tele, Lens Shift: Full)  
 90%  
 Full Color (16.77 million Colors)  
 Direct progressive & Interlace-Progressive conversion  
 (3-2 film detection, motion detection, only for internal DVD)  
 Stereo DD (Direct Drive) speaker (10 W x 2 / 4 Ω)  
 Subwoofer 15 W (option)

More than 70 dB

Less than 0.5%

Muting, Image On / Off, Break

Dynamic, Living room, Theatre, Theatre Black

Front & Rear: 7 m,

Right / Left: -30 degrees to +30 degrees,

Upper / Lower: -15 degrees to +15 degrees

Projector / Remote Control: Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input Signal;

Tilt Angle: 0 degree; Keystone Correction: Vertical: -15 degrees to +15 degrees (Zoom: Tele);

Cinema Filter: Controlled automatically with color mode ON: Theatre / Theatre Black, OFF: Living Room / Dynamic.

NTSC: 480 lines, PAL: 480 lines (Depends on observation of the multi-burst pattern)

NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM

Composite Video (1.0 Vp-p / Sync.negative, 75 ohm) / S-Video (Luminous 0.714 Vp-p, Chrominous 0.286 Vp-p, 75 ohm)

2.0 Vrms / 47 k-ohm

Composite Video: RCA (Yellow) x 1; S-Video: Mini DIN

RCA (White/Red) x 1 (for Composite Video and S-Video)

Head phone: 11 mW / 32 ohm (16 ohm - 1 k-ohm available), Subwoofer: 650 mVrms / 10 k-ohm

-21 dBm ~ -15 dBm

Head phone: Stereo jack (3.5Φ) x 1 / Subwoofer: RCA x 1

Optical square connector

Tray

DVD Video, DVD-R/RW (Video format), Video CD, Super Video CD,

Audio CD, MP3 (CD-R/RW), WMA (CD-R/RW), JPEG (CD-R/RW)

DTS, Dolby 5.1

Tray Lock, Sleep timer, Auto standby, Dimmer (2 step, On/Off/Auto)

5°C to 35°C <41°F to 95°F> (20% - 80% humidity)

Approx. 8 seconds (Image ON)

Approx. 9 seconds

100 - 240V AC ±10%, 50/60Hz

Lamp On: 220W; Lamp Off: 70W; Standby 9W

**Video I/O**

**Display Performance**

**Input Signal**

**Video Standard**

**Video Signal**

**Audio Signal**

**Input Terminal**

**Video**

**Audio**

**Output Signal**

**Audio Analog**

**Audio Digital**

**Output Terminal**

**Audio Analog**

**Audio Digital**

**DVD Unit**

**Loading**

**Media**

**Audio Format**

**Function**

**Operating Temperature**

**Start-up Period**

**Cool-down Period**

**Power Supply Voltage**

**Power Consumption**

**230V Area**

**Dimension**

Exclude Feet (D x W x H)

Maximum Dimension (D x W x H)

**Weight**

**Fan Noise**

**Low Brightness Mode**

**Destination: Western Europe**

**DVD Menu Language**

**Projector Menu Language**

**DVD Region**

**Supplied Accessories**

**Optional Accessories**

**Warranty**

English / French / German / Spanish, (English / Spanish / French / English) for Italy

English / French / German / Spanish, (English / Spanish / French / Italian) for Italy

2 or 5 (TBC by each ESC during localization process)

Power Cable: 3 m White cable; Remote Control: With self-luminous buttons; Battery: Mangan, Size AA x 2; User's Manual Set: attached

Spare Lamp: ELPLP33; Air Filter: ELPAF09 (1sheet x 1unit = 1sheet); Powered Subwoofer: ELPPSP01

310mm x 340mm x 180mm

310mm x 340mm x 200mm

Approx. 15.4lbs / 7.0kg

28dB



**E-TORL**

For further information please contact your local Epson office or visit [www.epson-europe.com](http://www.epson-europe.com)

Austria 0810/20 01 13 (0,07 €/Min.) Belgium 070/350120 (0.1735 €/Min.) Czech 800 / 142 052

Denmark 44 50 85 85 Finland 0201 552 091 France 0892 899 999 (0,34€/min) Germany 01805/23 41 10 (0,12 €/Min.)

Greece 210-624431 Hungary 06800 147 83 Italy 02-660321 10 (0,12 €/Min.) Luxembourg 900/43010

(0,24 €/mn.) Middle East +9714 8818934 Netherlands 0900-5050808 (0.05 €/oproep + 0.15 €/Min.) Norway 22

06 42 80 Poland 0-0-800 4911299 (0,16 zł/min.) Portugal 707 222 111 Russia (095) 777-03-55 Slovakia 0850

111 429 South Africa (+2711) 465-9621 Spain 93 582 15 00 Sweden 077-140 01 35 Switzerland 0848 448820

(4-8 cent./mn.) Turkey (0212) 3360303

**EPSON®**

Epson® is a registered trademark of Seiko Epson® Corporation. All other product names and other company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice.

**EPSON®**  
**EXCEED YOUR VISION**



**Epson EMP TWD1**



All you need to watch a big movie in your home



Enjoy superb Epson images with the built in JVC DVD and sound quality. The Epson EMP-TWD1 is all you need to watch movies, TV, play games and listen to music.

**All you need for a great show**  
No more wires! Just you, your family and friends and Epson's great sound and vision. Simply connect your Epson EMP-TWD1 to the power, insert your chosen DVD and watch movies the way they were meant to be seen – on the big screen.

**Cinema quality**  
With its 1200 ANSI lumens, developed through Epson Cinema Filter Technology, the Epson EMP-TWD1 delivers bright, natural colour images that stay crisp and clear in a variety of lighting conditions. Four preset colour modes automatically adjust the brightness and contrast level to ensure the best image quality.

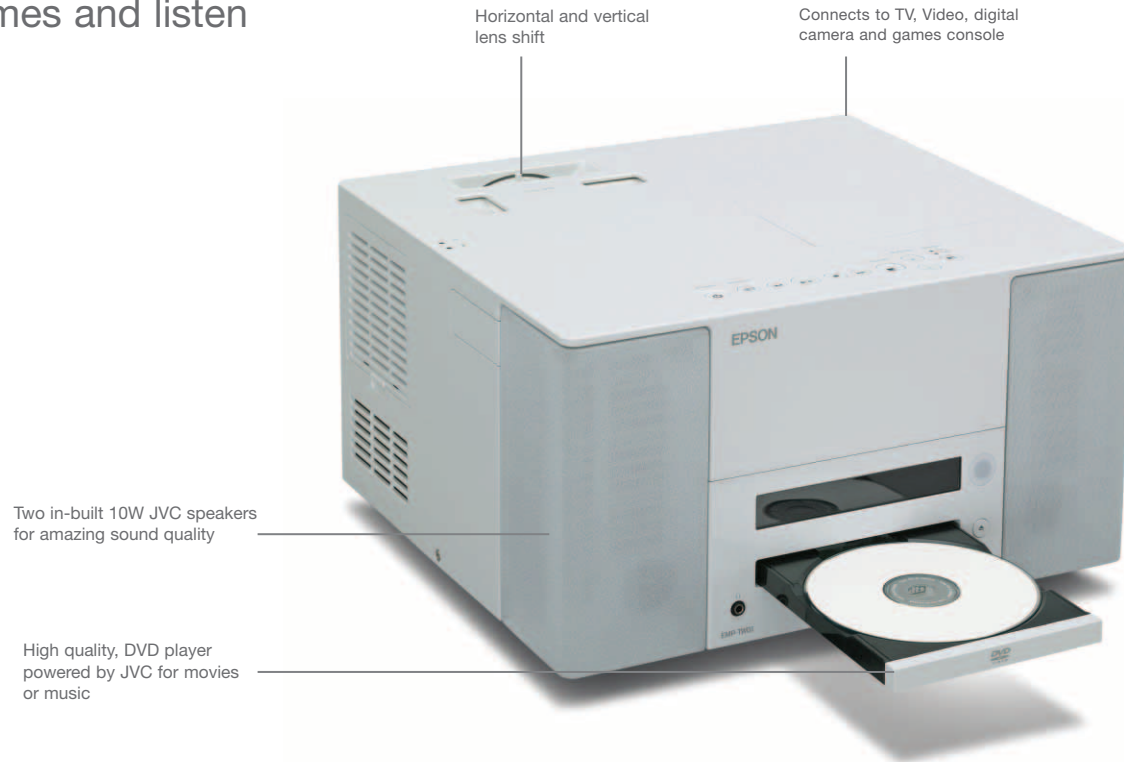
**Big screen, small space**  
You don't need a large room to project a big screen. You can create an amazing 60" image at just about 1.5m from the screen. Horizontal and vertical lens shift and keystone correction allow you to position your projector off centre and the image will be aligned.

**Movies and much more**  
You can connect your Epson EMP-TWD1 to your games console or your digital camera. Imagine battling it out on the latest video game on a big screen, or hosting high quality slideshows of your holiday snaps. You can even listen to CDs and MP3s and sing along to your favourite songs with JVC sound technology.

**Take the movies wherever you want**  
The Epson EMP-TWD1 is so compact and quick to set up that you can simply unplug it and carry it to another room. Or if you want to really impress your friends, don't just arrive with the latest movie, bring your own home cinema to watch it on.

**The Epson EMP-TWD1 – user-friendly, quality viewing**

- Compact, stylish home entertainment solution – projector, DVD and surround-sound
- Exceptional image quality thanks to Epson exclusive Cinema Filter
- Produce accurate, natural images thanks to 3LCD technology
- Brilliant picture quality in any light with 1200ANSI lumens and a choice of 4 colour modes
- True cinematic feel 16/9 resolution – 854 & 480 pixels



**Epson  
EMP  
TWD1**