

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 player and sound system. 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 still be aligned correctly.

Two built-in 10W JVC speakers for amazing sound quality

High quality, DVD player powered by JVC for movies or music

Movies and much more

You can also 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
- 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 x 480 pixels

Horizontal and vertical lens shift

Connection to TV, Video, digital camera and games consoles



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Model	Epson EMP-TWD1
Projection System	RGB liquid crystal shutter projection system
Projection Method	Front
Specification of Main Parts	
LCD	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
Projection Lens	Type: 135 W UHE (E-TORL); Life: 2000H (Color mode: Dynamic, Living room, Theatre), 3000H (Color mode: Theatre Black)
Lamp	30" to 300" (0.73m to 7.75m) (Wide: 16:9 image) 30" to 300" (1.11m to 11.37m) (Tele: 16:9 image)
Screen Size (Projected distance)	Vertical: 50% max. (upward), 50% max. (downward) Horizontal: 25% max. (left and right)
Lens Shift Range	
Brightness	
High Brightness Mode	1200 ANSI lumens (Color mode: Dynamic, Zoom: Wide, Lens Shift: Center)
Low Brightness Mode	350 ANSI lumens (Color mode: Theatre Black, Zoom: Wide, Lens Shift: Center)
Contrast	1000:1 (Color mode: Dynamic, Zoom: Tele, Lens Shift: Full)
Brightness Uniformity	90%
Color Reproduction	Full Color (16.77 million Colors)
Video Quality	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)
Sound Output	
Audio Amp Quality	
Dynamic range	More than 70 dB
Total Harmonic Distortion	Less than 0.5%
Function	Muting, Image On / Off, Break
Color Mode	Dynamic, Living room, Theatre, Theatre Black
Remote Control Infrared	Front & Rear: 7 m.
Receiver Position / Distance / Directivity	Right / Left: -30 degrees to +30 degrees, Upper / Lower: -15 degrees to +15 degrees
Adjustment Functions	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.
Video I/O	
Display Performance	NTSC: 480 lines, PAL: 480 lines (Depends 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)
Audio Signal	2.0 Vrms / 47 k-ohm
Input Terminal	
Video	Composite Video: RCA (Yellow) x 1; S-Video: Mini DIN
Audio	RCA (White/Red) x 1 (for Composite Video and S-Video)
Output Signal	
Audio Analog	Head phone: 11 mW / 32 ohm (16 ohm - 1 k-ohm available), Subwoofer: 650 mVrms / 10 k-ohm
Audio Digital	-21 dBm ~ -15 dBm
Output Terminal	
Audio Analog	Head phone: Stereo jack (3.5Φ) x 1 / Subwoofer: RCA x 1
Audio Digital	Optical square connector
DVD Unit	
Loading	Tray
Media	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
Audio Format	
Function	Tray Lock, Sleep timer, Auto standby, Dimmer (2 step, On/Off/Auto)
Operating Temperature	5 °C to 35 °C $\lt;math>^{\circ}$F to 95 °F> (20% - 80% humidity)
Start-up Period	Approx. 8 seconds (Image ON)
Cool-down Period	Approx. 9 seconds
Power Supply Voltage	100 - 240V AC \pm 10%, 50/60Hz
Power Consumption	
230V Area	Lamp On: 220W; Lamp Off: 70W; Standby 9W
Dimension	
Exclude Feet (D x W x H)	310mm x 340mm x 180mm
Maximum Dimension (D x W x H)	310mm x 340mm x 200mm
Weight	Approx. 15.4lbs / 7.0kg
Fan Noise	
Low Brightness Mode	28dB
Destination: Western Europe	
DVD Menu Language	English / French / German / Spanish, (English / Spanish / French / English) for Italy
Projector Menu Language	English / French / German / Spanish, (English / Spanish / French / Italian) for Italy
DVD Region	2
Supplied Accessories	Power Cable: 3 m White cable; Remote Control: With self-luminous buttons; Battery: Mangan, Size AA x 2; User's Manual Set: attached
Optional Accessories	Spare Lamp: ELP1P33; Air Filter: ELP1A09; Powered Subwoofer: ELPSP01
Warranty	UK - 3 year next day on site repair or replace Ireland - 3 year next day on site repair or loan



E-TORL

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