

# EPSON® EMP-TW200



*Experience a new dimension in home cinema*

- Outstanding Wide-XGA image resolution
- 16:9 true widescreen - up to 300" Diagonal image
- 5 colour modes to suit different applications
- Quiet and compact with advanced designer looks
- Easy to use - connects to TV, DVD, video, PC and games consoles
- Project off-centre - without image distortion

**dreamio™**

# EPSON® EMP-TW200

## BRINGING THE SILVER SCREEN TO YOUR OWN HOME



You love film. Now you can enjoy the excitement of the big screen from the comfort of your sofa. With its amazing, lifelike pictures, the EPSON EMP-TW200 is truly a new dimension in home cinema. It's like having front row tickets to every premiere!

### Superb picture quality

You won't believe the clear and sharp images you get from the EPSON EMP-TW200. Thanks to the Wide-XGA high resolution format and the advanced LCD technology, you can see high quality images at impressive sizes. A choice of colour modes enables you to maximise colour quality according to application and lighting, while the EPSON Cinema Filter enhances colour and contrast further, enabling you to sit back and enjoy the best possible performance.

### Easy to connect and use

With clear and simple controls and on-screen menus, you'll find it so easy to set up the EPSON EMP-TW200. It connects to your DVD, TV, video, PC and games console, so you can quickly enjoy the sensational home cinema experience. What's more, with features such as keystone correction and the natural scaling filter you will always get the optimum screen performance.

### 16:9 widescreen luxury in any room

With a giant screen size of up to 300" diagonal, films, sport and games will come alive in your home. Simply project onto any blank wall – or better still onto a screen – and the EPSON EMP-TW200's optical zoom lens will give you a big picture even in smaller rooms.



FILMS, SPORT AND GAMES WILL COME ALIVE  
IN YOUR HOME

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**Stylish, modern design**

With its sleek designer styling, the EPSON EMP-TW200 will look great in any room. Yet it's so compact that you can place it virtually anywhere.

**A perfect picture from any position**

You can place the EPSON EMP-TW200 off-centre (high, low or to the side) and the wide angle vertical and horizontal lens shift technology will ensure you get an outstanding full screen image - without distortion. Now you can sit in front of the screen without causing a shadow!

**It's so quiet**

There's virtually no background noise with the EPSON EMP-TW200, so you can concentrate on your viewing without unwelcome distractions.

**Remote control**

The EPSON EMP-TW200 has simple on-screen menus and comes with a handy remote control, letting you sit back and enjoy the show in comfort.

**Features & Benefits**

80" image size from a distance of 2.4m

True 16:9 widescreen format

Advanced LCD technology providing outstanding resolution and picture quality

High brightness of 1300 ANSI lumens - for brilliant images in any light

800:1 contrast ratio for enhanced detail

Choice of 5 colour modes - to maximise picture quality for different applications

Vertical and horizontal lens shift lets you place projector to the side, high or low

No distraction to your viewing, with quiet and compact design

Connects to TV, DVD, video, PC and games consoles



# EPSON® EMP-TW200

## Specifications

|  |                                |   |
|--|--------------------------------|---|
| <b>MODEL</b>                                       |                                | EPSON EMP-TW200   |
| <b>PROJECTION SYSTEM</b>                           |                                | D4 Liquid Crystal Display   |
| Projection Method                                  |                                | Front/Rear/Ceiling Mount  |
| <b>SPECIFICATION OF MAIN PARTS</b>                 |                                |   |
| <b>LCD</b>   | Size                           | 0.7" wide   |
|  | Driving Method                 | Poly-silicon TFT Active Matrix  |
|  | Pixel Number                   | 1280 x 720 pixels   |
|  | Native Resolution              | 720P  |
|  | Aspect Ratio (Native/Possible) | 16:9/4:3  |
| <b>PROJECTION LENS</b>                             | Pixel Arrangement              | Stripe  |
|  | Refresh Rate                   | 50Hz or 60Hz (based on input signal)  |
|  | Type                           | Powered zoom/focus  |
|  | F-number                       | 2.1 - 2.8   |
|  | Focal Length                   | 21.4 - 31.7mm   |
| <b>LAMP</b>  | Zoom Ratio                     | 1 - 1.5   |
|  | Type                           | 200W UHE Lamp   |
|  | Life                           | 3000H (Low Lamp Mode),<br>1700H (High Lamp Mode)  |
| <b>OPTICAL SYSTEM</b>                              |                                | Dichroic Mirror Separation & Prism Combine Method   |
| <b>SCREEN SIZE (PROJECTED DISTANCE)</b>            |                                | 30-300 inches (0.87-9.11m) (Wide)<br>30-300 inches (1.33-13.65m) (Tele)   |
| <b>LENS SHIFT RANGE</b>                            |                                | Vertical: 100% max. (upward), 50% max. (downward)<br>Horizontal: 50% max (left and right)   |
| <b>BRIGHTNESS</b>                                  |                                | High Brightness Mode<br>1300 ANSI lm (Colour mode: Living Room/Dynamic)   |
| <b>CONTRAST RATIO</b>                              |                                | 800:1   |
| <b>BRIGHTNESS UNIFORMITY</b>                       |                                | 90% (Typ.)  |
| <b>COLOUR REPRODUCTION</b>                         |                                | Full Colour (16.77 million colours)   |
| <b>EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)</b> | Pixel Clock                    | 13.5MHz to 110MHz   |
|  | Horizontal                     | 15KHz to 92KHz  |
|  | Vertical                       | 50Hz to 85Hz  |
| <b>ADJUSTMENT FUNCTION</b>                         |                                | Keystone (Vertical)/Brightness/Contrast/Tint/Saturation/Input signal  |
| Projector/Remote Control                           |                                | Tilt Angle<br>0 to 3.6 degrees  |
| Keystone Correction                                |                                | Vertical: -15 to +15 degrees  |
| Cinema Filter                                      |                                | Controlled automatically with Colour mode<br>(ON: Theatre/Natural/s-RGB, OFF: Living Room/Dynamic)  |
| <b>VIDEO I/O</b>                                   |                                |   |
| Component Input:                                   |                                |   |
| Input Signal                                       | Video Standard                 | 525i/625i/525P/625P/750P/1125i  |
|  | Video Signal                   | Component Video (Analog Y level 0.7V 75ohm/Cr Cb level +/- 0.35V 75ohm/<br>Sync.negative 0.3V or 3-state +/- 0.3V on Y)<br>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, 75ohm)/S-Video (Luminous 0.714Vpp,<br>Chrominuous 0.286Vpp, 75 ohm)  |
| Input Terminal                                     |                                |   |
| S-Video  |                                | Mini DIN 4pin   |
| Video  |                                | RCA (Yellow) x 1  |
| SCART Input:                                       |                                |   |
| Input Signal                                       | Video Standard                 | 625i/525i   |
|  | Video Signal                   | RGB Video (0.7Vp-p 75ohm), Sync: CVBS (1.0Vpp/Sync.negative, 75ohm)<br>RCA x 4 (Red/Green/Blue/Yellow) (in common with Component Video<br>and Composite Video terminal) |
| Input Terminal                                     |                                |   |
| ANALOG RGB   |                                |   |
| Display Performance                                | Native                         | 750P  |
|  | Resize                         | 1024 x 768/800 x 600/640 x 480 /525i/625i/525P/625P/1125i   |
| Input Signal                                       |                                | Signal Type<br>Separate Signal  |
|  | Video Signal                   | Analog (0.7V p-p, 75ohm/Mac 0.714Vp-p, 75ohm)   |
|  | Sync Signal                    | Separate (positive & negative, bi-polarity 2-5Vpp)/Composite<br>(positive & negative, bi-polarity 2-5Vpp)/Sync-on-green (negative, 0.3Vpp)                              |
| Input Terminal                                     |                                |   |
| Video  |                                | Mini D-sub 15pin x 1 Blue-molding   |
| <b>CONTROL I/O</b>                                 |                                |   |
| Serial I/O   |                                |   |
|  | I/O Terminal                   | Mini D-sub 9 pin x 1  |
|  | USB-typeB                      | USB-typeB   |
|  | I/O Signal                     | RS-232c   |
| <b>LOCK FUNCTION</b>                               |                                | Key-lock, Child-lock, Focus-lock, Zoom-lock   |
| <b>OPERATING TEMPERATURE</b>                       |                                | 5°C to 35°C (41°F to 95°F)  |
| Cool-down Period                                   |                                | Approx. 30 seconds  |
| Start-up Period                                    |                                | Approx. 15 seconds  |
| <b>POWER SUPPLY VOLTAGE</b>                        |                                | 100 - 240 VAC ±10%, 50/60Hz   |
| <b>POWER CONSUMPTION</b>                           |                                | 100 - 240 VAC 50/60Hz 3.0 - 1.4 A   |
| Lamp On  |                                | 260W (Lamp high), 200W (Lamp low)   |
| Standby  |                                | 0.5W  |
| <b>DIMENSION</b>                                   |                                |   |
|  | Excluding Feet                 | 440mm(W) x 320mm(D) x 114mm(H)  |
|  | Maximum Dimension              | 440mm(W) x 320mm(D) x 134mm(H)  |
| <b>WEIGHT</b>                                      |                                | Approx. 11.8lbs/5.3kg   |
| <b>FAN NOISE</b>                                   |                                |   |
| High Brightness Mode                               |                                | 37dB (At maximum brightness of Dynamic/Living Room)   |
| Silent Mode  |                                | 28dB (At below center of the brightness of Theatre/Natural/s-RGB)   |
| <b>ACCESSORIES</b>                                 |                                |   |
| Power Cord   |                                | 3m  |
| Remote Control                                     |                                | Stick type  |
| Battery  |                                | LR6 <AA> x 2  |
| USB Cable  |                                | 1.8m  |
| SCART-Adaptor Cable                                |                                | Included  |
| EPSON Cinema Color Editor CD                       |                                | Included  |
| User's Manual                                      |                                | Included  |
| <b>OPTIONS</b>                                     |                                | Lamp, air filter, ceiling mount kit, screen, soft carrying bag  |
| <b>WARRANTY</b>                                    |                                | UK - 3 year next day on site repair or replace<br>Ireland - 3 year next day on site repair or loan  |



EPSON EMP-TW200 interfaces

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ISO 14001 BVQI Certification Number 80679



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