
Epson EH-TW8100

DATASHEET



The EH-TW8100 is the ideal piece of home cinema equipment for film fanatics who want immersive, high definition movie experiences in the comfort of their own home. With 1080p Full HD picture technology in both 2D and 3D modes, this top-of-the-range home cinema projector delivers high-definition images and offers comfortable, immersive viewing.

Delivering a high 320,000:1 contrast ratio and enhanced by Epson's 3LCD panels, the EH-TW8100 provides superb high quality images and rich, deep blacks for a wide variety of content. Epson's Super Resolution technology and Frame Interpolation creates a sharper, clearer viewing experience with a smoother, more fluid screen movement.

Whether you have a fully functioning dedicated home cinema room or simply want to enjoy movies in your living room, the EH-TW8100 is easily adaptable to your home environment. Its wide lens shift and powerful zoom lens make it quick and easy to set up in a variety of positions.

3D content is noticeably bright thanks to Epson's luminance enhancement technology. By doubling the refresh rate from 240Hz to 480Hz, crosstalk effect is dramatically reduced, meaning the blackout period between left and right eye images is cut down.

Convert 2D high definition images into Full HD 3D projections at the press of a button. Thanks to the 3D depth adjustment function, depth perception and image quality is much more enhanced than previous Epson 3D projectors.

The EH-TW8100 uses lightweight, rechargeable Radio Frequency (RF) active shutter 3D glasses*1, not included, meaning you can enjoy content without interference. These industry standard glasses mean you can keep them for future upgrades, and use them with other home projector and TV manufacturers.

KEY FEATURES

- 3LCD Full HD technology
- 320,000:1 contrast ratio
- Wide lens shift and powerful zoom
- 480hz drive
- Radio Frequency 3D glasses



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PRODUCT SPECIFICATIONS

TECHNOLOGY

Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.74 inch with C2 Fine

IMAGE

Color Light Output	2,400 lumen
White Light Output	2,400 lumen
Resolution	Full HD 1080p, 1920 x 1080, 16:9
High Definition	Full HD 3D
Aspect Ratio	16:9
Contrast Ratio	320,000 : 1
Lamp	ETORL, 230 W, 4,000 h durability, 5,000 h durability (economy mode)
Keystone Correction	Auto vertical: $\pm 30^\circ$
Video Processing	10 Bits
2D/3D Frequency Image	240 Hz / 480 Hz

OPTICAL

Projection Ratio	1.34 - 2.87:1
Zoom	Manual, Factor: 1, 2.1
Projection Lens Zoom Ratio	1 - 2.1 : 1
Lens	Optical
Lens Shift	Manual - Vertical $\pm 96.3\%$, horizontal $\pm 47.1\%$
Projection Size	30 inches - 300 inches
Projection Distance Wide	0.9 m - 9 m (100 inch screen)
Projection Distance Tele	1.9 m - 19.2 m (100 inch screen)
Projection Lens F Number	2 - 3.17
Focal Distance	23 mm - 47 mm
Focus	Manual

CONNECTIVITY

Interfaces	HDMI 1.4 (2x), VGA in, RS-232C, Composite in, Component in
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ADVANCED FEATURES

Security	Control panel lock
2D Colour Modes	Dynamic, Living room, Natural, Cinema
3D Colour Modes	3D Dynamic, 3D Cinema
3D Supported formats	Side by side, Top and bottom, Frame packing
Features	3D depth adjustment, 480hz drive for 3D viewing, Automatic keystone correction, DeepBlack technology, Epson Cinema Filter, Epson Super White, Frame interpolation
Video Color Modes	Cinema, Dynamic, Living room, Natural
Video Compatibility	NTSC, NTSC 4.43, PAL, M-PAL, N-PAL, PAL-60, SECAM, SECAM up to 1080p

GENERAL

Energy Use	340 W, 278 W (economy), 0.39 W (standby)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	466 mm x 395 mm x 140 mm (Width x Depth x Height)
Product weight	8.4 kg
Noise Level	Economy: 22 dB (A)
Temperature	Operation 5° C - 35° C, Storage -10° C - 60° C
Options	3D active shutter glasses

OTHER

Warranty	24 months Carry in, Lamp: 36 months or 2,000 h
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WHAT'S IN THE BOX

- Cable cover
- Main unit
- Remote control incl. batteries
- User's Manual Set
- Power Code

LOGISTICS INFORMATION

- SKU
V11H527040LU

1. Epson RF active shutter 3D glasses are part of the Full HD 3D Glasses Initiative, www.fullhd3dglASSES.com

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+ Calls cost 10p per minute plus network extras.

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