

# Home Cinema 3800 4K PRO-UHD<sup>®1</sup> 3-Chip Projector with HDR<sup>2</sup>



## An exceptional 4K home theater experience – only from Epson<sup>®</sup>.

**4K PRO-UHD<sup>1</sup> Projection Technology** — a new type of 4K home theater experience, utilizing advanced technologies for resolution enhancement, color and image processing

**True 3-chip projector design** — advanced 3LCD technology displays 100 percent of the RGB color signal for every frame without any “rainbow effect” or color brightness issues

**4K resolution processing** — pixel-shifting technology precisely controls three individual, high-definition LCD chips to parallel process millions of pixels

**Full 10-bit HDR<sup>2</sup>** — accepts 100 percent of the HDR source information to faithfully reproduce HDR content for an amazing visual performance, plus HLG support

**Digital video processing** — real-time, 12-bit analog-to-digital video processing for smooth tonal transitions; helps eliminate banding, blocking and other compression artifacts from the final visual performance

**Outstanding brightness** — an impressive 3,000 lumens for both color and white brightness<sup>3</sup>; contrast ratio up to 100,000:1 for rich black detail

**Full 18 Gbps HDMI 2.0 support** — compatible with virtually all color formats, depths and spaces while simultaneously supporting 4K HDR<sup>2</sup> content at a full 60 Hz

**Epson Precision Lens** — utilizes a multi element precision glass structure for outstanding image clarity and edge-to-edge focus uniformity, along with precision vertical and horizontal axis lens shift adjustment

**Built-in stereo speakers and aptX<sup>™</sup> Bluetooth<sup>®</sup>** — rear-firing, dual 10 W speaker system for simple audio requirements and aptX Bluetooth for easy, wireless connectivity to external sound systems

**Active 3D support<sup>1</sup>** — offers support for high-performance, active 3D glasses to faithfully reproduce all the source 3D information to maximize the visual effect



<sup>1</sup> 4K Enhancement Technology shifts each pixel to achieve double Full HD resolution on screen. Resolution is Full HD in 3D Mode.

**Specifications**

**Projection System** Epson 3LCD  
**Chip Design (Architecture)** 3-chip  
**Projection Method** Front/rear/ceiling mount  
**Product Color** White  
**Driving Method** Poly-silicon TFT Active Matrix, 0.61" - wide panel  
**Resolution** 4K Enhancement<sup>1</sup> (1920 x 1080 x 2)  
**Maximum Resolution** 4096 x 2160  
**Supported Resolutions** 3840 x 2160, Full HD 1080p/i, HD 720p, 576p/i, 480p/i  
**Native Aspect Ratio**  
 16:9 widescreen (4:3 resize, 16:10 resize); compatible with 4:3 with Normal, Full or Zoom Modes  
**Color Brightness<sup>3</sup>** Color Light Output: 3,000 lumens  
**White Brightness<sup>3</sup>** White Light Output: 3,000 lumens  
**Contrast Ratio** Up to 100,000:1, Auto Iris on  
**Color Reproduction** Full-color (up to 1.07 billion colors)  
**Size (Projected Distance)** 40" – 300" (Zoom: Wide and Zoom: Tele)  
**Keystone Correction** Vertical/Horizontal: ± 30 degrees (manual)  
**Color Processing** Full 10-bit (partial 12-bit)  
**Lamp Type** 250 W UHE  
**Lamp Life<sup>5</sup>**  
 ECO Mode: Up to 5,000 hours  
 Medium Mode: Up to 4,000 hours  
 High Mode: Up to 3,500 hours

**Projection Lens**

**Type** Optical Zoom (manual)/Focus (manual)  
**F-number** 1.49 – 1.77  
**Focal Length** 18.2 – 29.2 mm  
**Zoom Ratio** 1 – 1.62  
**Throw Ratio Range** 1.32 – 2.15  
**Lens Shift**  
 Vertical: -60.0% to +60.0% (H center) manual  
 Horizontal: -24.0% to +24.0% (V center) manual  
**Lens Cover** Cap

**Interfaces**

2x HDMI<sup>®</sup> 2.0 (18 Gbps) HDCP 2.2  
 1x USB Type A 2.0 A power supply (for streaming devices)  
 1x USB (for wireless accessory and firmware updates)  
 1x Mini USB (service only)  
 1x Audio out mini plug (3.5 mm)  
 1x RS232C  
 1x Trigger out 200 mA max (3.5mm)

**Other Features**

**Display Performance** 4K/UHD @ 60 Hz compatible, HDR10<sup>2</sup>, 1080p; HD, 2D, 3D  
**Color Modes** Dynamic, Bright Cinema, Natural, Cinema  
**Audio** Stereo (2) 10 W speakers  
**Auto Iris in 2D and 3D**  
 Automatically adjusts to video source  
 Off/On: High-speed or Normal, 2D and 3D mode  
**Super-resolution** 2D and 3D  
**Frame Interpolation** 1080p @ 24 Hz  
**Input Signal**  
 480i, 576i, 480p, 576p, 720p, 1080i, 1080p, 2160p  
**Computer Compatibility** PC, Mac<sup>®</sup>  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 VAC ± 10%, 50/60 Hz  
**Power Consumption**  
 ECO Mode: 309 W  
 Normal Mode: 406 W  
 Energy Saving Standby: 0.5 W  
**Fan Noise** 24 – 35 dB  
**Security** Kensington security lock port  
**Parental Controls** Power Button Lock hinders projector from being turned on without parental supervision

**Dimensions (W x D x H)**

Including feet: 16.1" x 13.0" x 6.5"  
 Weight: 15.2 lb

**Remote Control**

**Features** Front and rear directional  
**Operating Distance** 32 ft (10 m)  
**Operating Angle**  
 Front Right/Left: ± 30 degrees  
 Front Upper/Lower: ± 30 degrees  
 Rear Right/Left: ± 30 degrees  
 Rear Upper/Lower: ± 30 degrees



**Eco Features**

RoHS compliant  
 Recyclable product<sup>6</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>7</sup>

**Support**

**The Epson Connection<sup>SM</sup>**  
 Pre-sales support:  
 U.S. 800-463-7766, Canada 800-807-7766  
 Internet website:  
 U.S. www.epson.com, Canada www.epson.ca  
**Service Programs** 2-year projector limited warranty, Extra Care<sup>SM</sup> Home Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

**What's in the Box**

Home Cinema 3800 projector, power cord, remote control with (2) AA batteries, Quick Setup Guide

**Ordering Information**

Home Cinema 3800	V11H959020
Genuine Epson Lamp	V13H010L85
Replacement Air Filter	V13H134A39
RF 3D Glasses	V12H548006
Projector Ceiling Mount	CHF1000
Repair/Exchange 1-year Extended Service Plan	EPPSNVHTRB1
Repair/Exchange 2-year Extended Service Plan	EPPSNVHTRB2

<sup>1</sup> 4K Enhancement Technology shifts each pixel to achieve double Full HD resolution on screen. Resolution is Full HD in 3D Mode. | <sup>2</sup> HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility. | <sup>3</sup> Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | <sup>4</sup> Based on TFCinfo: U.S. Projector Brand Customer Perception and Preference Study, Multimedia Projectors 2019. | <sup>5</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>6</sup> For convenient and reasonable recycling options, visit www.epson.com/recycle | <sup>7</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>™</sup>  
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