

Home Cinema 3800 4K PRO-UHD^{®1} 3-Chip Projector with HDR²



An exceptional 4K home theater experience — only from Epson®.

4K PRO-UHD¹ 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 HDR² — 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 brightness³; 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 HDR² 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™ Bluetooth® — rear-firing, dual 10 W speaker system for simple audio requirements and aptX Bluetooth for easy, wireless connectivity to external sound systems

Active 3D support¹ — offers support for high-performance, active 3D glasses to faithfully reproduce all the source 3D information to maximize the visual effect



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

Home Cinema 3800 4K PRO-UHD®¹ 3-Chip Projector with HDR²

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 Enhancement¹ (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 Brightness³ Color Light Output: 3,000 lumens
White Brightness³ 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 Life⁵
 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® 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 mAh max (3.5mm)



Other Features

Display Performance 4K/UHD @ 60 Hz compatible, HDR10², 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®
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 product⁶
 Epson America, Inc. is a SmartWay® Transport Partner⁷

Support

The Epson ConnectionSM
 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 CareSM Home Service program, PrivateLine[®] 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