

# DEBUNKING THE MYTHS ABOUT HOME PROJECTORS

MYTH  
1

**A television is just as good as a projector.**

There is less strain on your eyes viewing content from a projector screen, as compared to a television screen, due to a gentler light reflection. You also have the flexibility of having a big screen experience of up to 500-inches in the comfort of your home.

TRUTH



MYTH  
2

**Projectors and its maintenance are expensive.**

Depending on your needs, you can choose between laser or lamp projectors, and before you know it, you have your money back from saving all those trips to the cinema with our wallet-friendly home projectors! Also, expensive lamp replacements are a thing of the past. With laser projectors' 20,000 maintenance free hours\*, you can indulge in 5-hour movie marathons daily for up to 10 years!

TRUTH

**Laser Projectors Have**

20000

**Maintenance Free Hours\***

\*For selected models only.

MYTH  
3

**A projection screen is too big for your home?**

You can easily adjust the screen size from 60-inches to 100-inches, by shifting your home projectors at a distance of 0.26m to 3m<sup>^</sup> from the wall.

<sup>^</sup>Throw distance range is an estimate and will vary depending on model.

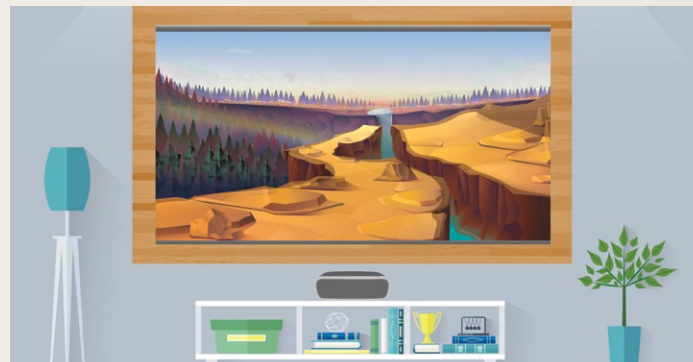


MYTH  
4

**I need a blank wall.**

You could easily purchase a pull-down screen or a portable screen that can be kept away when it is not in use.

TRUTH



MYTH  
5

**A dark room is needed.**

Thanks to our 3LCD technology, projected contents from Epson home projectors remain brilliant even when viewed in well-lit areas, with equal white and colour brightness of up to 4,000 lumens and high brightness contrast ratio over 2,500,000:1.

TRUTH



MYTH  
6

**Troublesome installation.**

Simply turn on the power and be entertained instantly by the inbuilt smart streaming function\* of your projector.

\*For selected models only.



HOME ENTERTAINMENT PROJECTORS

EPSON

androidtv



# YOUR IDEAL MULTI-FUNCTIONAL HOME ENTERTAINMENT PROJECTORS.

**Fulfil your desire for a spectacular cinematic experience right at home with Epson.**

Complete your home entertainment setup and indulge in your favourite shows with Epson's home entertainment projectors. With 4K resolution<sup>\*1</sup>, maintenance-free laser light source<sup>\*2</sup>, and gentler light reflection, you can now host movie nights or simply binge-watch your favourite shows with absolute joy and ease.



**IT'S IN THE DETAILS.**



## Exceptional Image Quality

Watch as every scene come alive at stunning true-to-life quality, lit up in vivid colours.

## Smart Media Player Function

Explore a world of unlimited entertainment with Android TV<sup>™</sup>\* and Chromecast built-in<sup>™</sup>\* functions.

## All-in-One Entertainment

Experience the perfect balance of visual and sound, encapsulated in a compact and stylish design.

\*1 Selected models only. 4K Enhancement Technology shifts each pixel diagonally to double Full HD resolution. Resolution is Full HD in 3D Mode.  
\*2 No maintenance for the laser light source required for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04-0.20 mg/m3 of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period.  
\* Google, Google Play, YouTube, Android TV and other marks are trademarks of Google LLC. Google Assistant is not available in certain languages and countries. Availability of services varies by country and language.





## High definition Stunning image quality

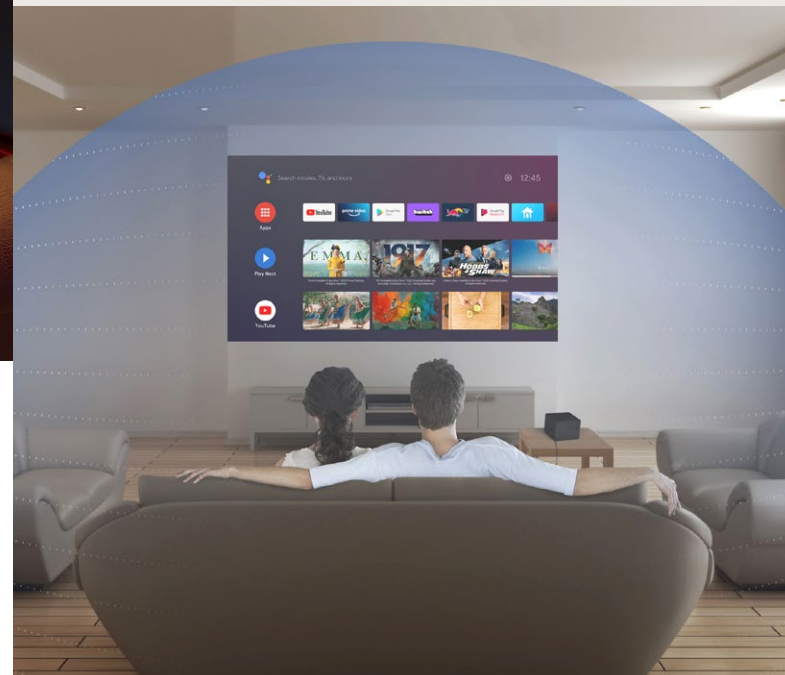
It is no longer impossible to recreate that cinematic adventure in your own home with Epson's range of home projectors. Enjoy a truly captivating, detail-packed experience right from the comfort of your couch.



## Plug-and-play Fuss-free set up

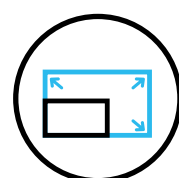
All you need is to plug in the power and your entertainment begins. Home entertainment is made more accessible and fuss-free with Epson's home projectors, which come ready with Android TV™\* function.

\*Selected models only.

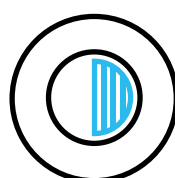


## Truly flexible Project wherever you are

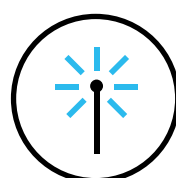
Our stylish and compact home entertainment projectors are designed with the aim to blend in with the aesthetics of your room easily. With flexible screen sizes and keystone correction functions, you can now place the projector anywhere in your living room and still enjoy a perfect vivid projection.



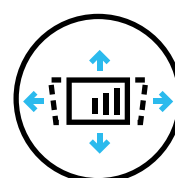
Flexible Screen Size



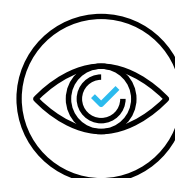
High Contrast Ratio



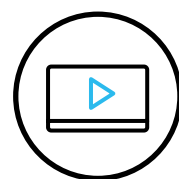
Laser Light Source\*



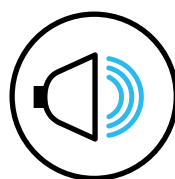
Lens Shift\*



High Dynamic Range (HDR)\*



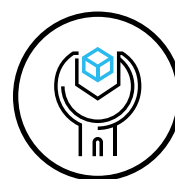
Inbuilt Smart Streaming Function\*



Built-in Speaker\*



Horizontal Keystone Adjuster\*



Fuss Free set up



Smart Wireless Connectivity\*

\*Applies to selected models only.





## Up close and personal

Bringing the actions closer to you with a bigger viewing screen, you can also stream to your heart’s content with Android TV™\* now. Indulge in high contrast videos that bring forth a vivid viewing experience – enjoy your favourite shows without compromising on its quality wherever you are.



CO-FH01



CO-FH02

### EpiqVision Mini



EF-11



EF-12

\*Selected models only.

## Lightweight and Portable

As light as 1.2kg<sup>1</sup>, you now have the flexibility and convenience to bring the projector around the house, set it up at any corner of your living space, and start watching the latest shows with your family and friends.



## Get Connected Virtually

Simply start up your projector and begin video conferencing with no additional fuss. Conduct virtual calls with your colleagues, friends and family by simply connecting your USB webcams<sup>2</sup>.



<sup>1</sup> Weight reference for EpiqVision Mini EF-11. <sup>2</sup> For EpiqVision Mini EF-12 only. Check compatible webcam listing on Epson website.



## Brilliant and Sharp HDR10-Compatible

Except CO-FH01/FH02 and EF-11

Compatible with High Dynamic Range content, revel in crisp, detailed, and realistic images with enhanced details on your Epson Ultra Lifestyle projectors. Now you can enjoy an optimal viewing experience with prime picture quality for all your favorite shows.



With HDR Function

Without HDR Function

## Cinematic Sound Experience with Built-in Yamaha Speaker

EpiqVision Mini EF-12 Only

Party as if you are there in person! Immerse in rich audio with the built-in Yamaha speaker, or use it as a standalone bluetooth speaker for your music while you chill.



sound by **YAMAHA**

Get more done with voice control on **androidtv**



Explore a plethora of entertainment possibilities with the Android TV™ and Chromecast built-in™. With the intuitive integrated UI and Voice Control function\*, you can now do more with Google Assistant. Simply connect to the Wi-Fi and your favourite content is just a voice command away.

### Unlimited entertainment

Start a new drama, binge-watch your favourite movies, or stream the latest hits simply with a voice command.

### Wealth of information

Learn more about the shows you are watching. Ask about your favourite movies, actors, or even get the latest scoring status for your favourite teams.

### Plan your day

Manage your calendar, flight information, daily commute and more with your smart projector.

**Chromecast built-in**

\*Google, Google Home, Chromecast Built-in, Android TV and other related marks and logos are trademarks of Google LLC. Chromecast is available for iOS or Android devices, Mac or Windows computer or Chromebook. Available for selected model. Voice control is applicable to Android TV only.



## Vibrant, Dynamic and High-Performing.

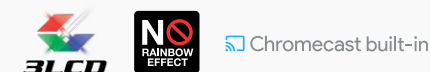
THE PERFECT COMPANION FOR WORK & PLAY

### CO-FH02



POWERED BY  
**androidtv**

RESOLUTION	<b>Full HD 1080p</b>	SUPPORT BLUETOOTH AUDIO	<b>COMPACT SIZE 2.6kg</b>
UP TO SCREEN SIZE	<b>391"</b>	3000 LUMENS	<b>5W MONO SPEAKERS</b>
		AUTO VERTICAL KEYSTONE ADJUSTMENT	



THE VERSATILE HOME ENTERTAINMENT PROJECTOR

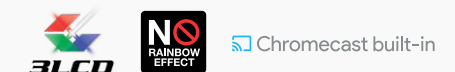
### CO-FH01



POWERED BY  
**androidtv**

\*Dongle purchased separately.

RESOLUTION	<b>Full HD 1080p</b>	SUPPORT BLUETOOTH AUDIO	<b>COMPACT SIZE 2.4kg</b>
UP TO SCREEN SIZE	<b>391"</b>	3000 LUMENS	<b>5W MONO SPEAKERS</b>
		AUTO VERTICAL KEYSTONE ADJUSTMENT	



WORLD'S SMALLEST 3LCD LASER PROJECTOR^

### EpiqVision Mini EF-11

EpiqVision



Over <b>2,500,000:1</b> Contrast Ratio	RESOLUTION <b>Full HD 1080p</b>	SUPPORT BLUETOOTH AUDIO	<b>COMPACT SIZE 1.5W MONO (2-WAY) SPEAKERS</b>
UP TO SCREEN SIZE <b>150"</b>	<b>1000 LUMENS</b>	AUTO VERTICAL KEYSTONE ADJUSTMENT	



WORLD'S SMALLEST 3LCD LASER PROJECTOR^ WITH ANDROID TV™

### EpiqVision Mini EF-12

EpiqVision



sound by **YAMAHA** POWERED BY **androidtv**

Over <b>2,500,000:1</b> Contrast Ratio	RESOLUTION <b>Full HD 1080p</b>	SUPPORT BLUETOOTH AUDIO	<b>COMPACT SIZE 5W STEREO SPEAKERS</b>
UP TO SCREEN SIZE <b>150"</b>	<b>1000 LUMENS</b>	AUTO VERTICAL & HORIZONTAL KEYSTONE ADJUSTMENT	



^Survey conducted by FutureSource Consulting Limited, for 3LCD laser projectors of more than 500lm in brightness, as of 22nd Oct, 2020.  
1 Wi-Fi CERTIFIED Miracast™ is a trademark of Wi-Fi Alliance®. 2 Support up to 4k/60Hz 4:2:0 8bit.





# Aesthetically pleasing no matter where you place it

Take your home viewing experience to the next level with Epson's Android TV™ ready lineup\*. Chill and stream endless entertainment contents online using Android TV™ from the comfort of your living room.



EH-TW6250



EH-TW7000

## EpiqVision Ultra



EH-LS300B



EH-LS800B

\*Selected models only.

## Immersive and Frameless Large Sized Display

Maximise your on-screen entertainment with these feature-packed projectors, providing a frameless capability by breaking image size constraints. Your best alternative for home entertainment, projecting up to a 500-inch\* screen size – much larger than what a conventional TV screen can provide.



## Complete the Big Screen Experience with ELPSC35 ALR Screen

For EpiqVision Ultra EH-LS300B & EH-LS800B

Be immersed in a cinematic experience right at home with 4K content on the ELPSC35 ALR Screen. With the ambient light rejecting ability, be prepared to get blown away by the vibrant and realistic images with better contrasts and deeper blacks enhanced for your viewing pleasure.



^For EH-TW7000 and EH-TW6250.



## Flexible Placement Optimal Placement

These sleek and compact projectors blend in seamlessly anywhere in your living space. Choose a projector that fits your requirement from a wide range of choices.

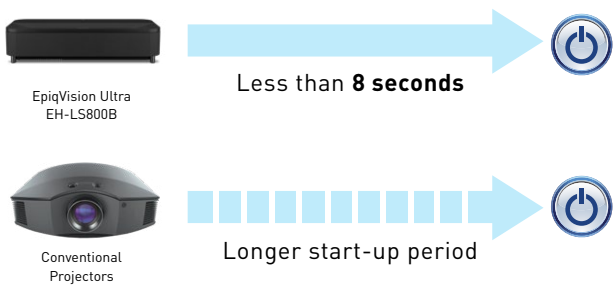


Standard Screen's Throw distance

## Plug-and-Play Quick Start-Up

For EH-LS300B and EH-LS800B

You no longer have to wait to boot up your EpiqVision projectors to begin watching your favourite shows. With the shorter start-up time compared to a conventional projector setup, enjoy your favourite shows with a simple click on the remote.



## Fine-tune your sound experience with YAMAHA speaker

For EpiqVision Ultra EH-LS300B and EH-LS800B



Bask in a multi-dimensional true sound with 3D surround, designed with YAMAHA's unique DSP processing technology – AudioEngine™. Striking a careful balance and delivering controlled beams of sound, you can now immerse in spectacularly powerful and supreme sound quality, regardless of whether it is a clear acoustic sound or rich bass music.

Choose the most suitable music mode based on the content you are playing:

- STUDIO**  
For Music
- STADIUM**  
For Sports
- CONCERT**  
For Live Music
- KARAOKE**  
For Singing
- TV**  
For Broadcasting
- THEATRE**  
For Movie

sound by **YAMAHA**

## Flexible, Immersive Projection.

SMART 4K UHD HOME THEATRE PROJECTOR

### EH-TW6250



POWERED BY  
**androidtv**

RESOLUTION 4K PRO-UHD

UP TO **500"** SCREEN SIZE | **2800** LUMENS | **AUTO VERTICAL KEYSTONE ADJUSTMENT** | **10W** MONO SPEAKERS



FULL-HD 3D HOME THEATRE PROJECTOR

### EH-TW7000



RESOLUTION 4K PRO-UHD

UP TO **500"** SCREEN SIZE | **3000** LUMENS | **VERTICAL & HORIZONTAL KEYSTONE ADJUSTMENT**



## ULTRA SHORT THROW PROJECTOR SERIES

SMART FULL-HD LASER PROJECTION TV

### EpiqVision Ultra EH-LS300B

EpiqVision Ultra



POWERED BY  
**androidtv**

sound by **YAMAHA**

Over **2,500,000:1** Contrast Ratio | RESOLUTION **Full HD 1080p**

UP TO **120"** SCREEN SIZE @ JUST 0.70m | **3600** LUMENS | **MOTION SENSOR LASER LIGHT SAFETY** | UP TO **20W** SOUND OUTPUT INCL. 1x WOOFER



SMART 4K PRO-UHD LASER PROJECTION TV

### EpiqVision Ultra EH-LS800B

EpiqVision Ultra



POWERED BY  
**androidtv**

sound by **YAMAHA**

Over **2,500,000:1** Contrast Ratio | RESOLUTION **4K PRO-UHD**

UP TO **150"** SCREEN SIZE @ JUST 0.54m | **4000** LUMENS | UP TO **20W** SOUND OUTPUT INCL. 1x WOOFER



<sup>1</sup> Support up to 4K/60Hz 4:2:0 8bit.





## Inspiring New Viewing Experiences

With ease of installation, wider lens shift, 4K resolution<sup>1</sup>, and less light leakage, you can now enjoy your favourite movies in a perfect viewing environment. Experience breathtaking and vivid projection quality with Epson's Bright Cinema mode, and customise each show according to your preferences, thanks to the picture quality processing functions<sup>2</sup>.



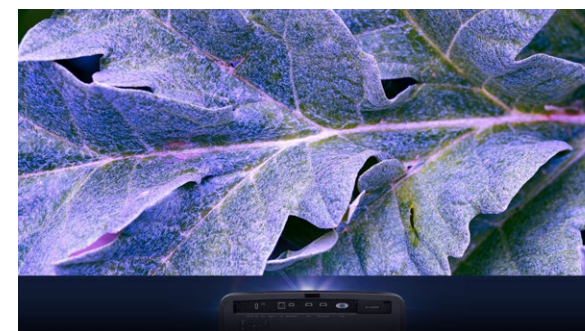
EH-TW9400



EH-LS12000B

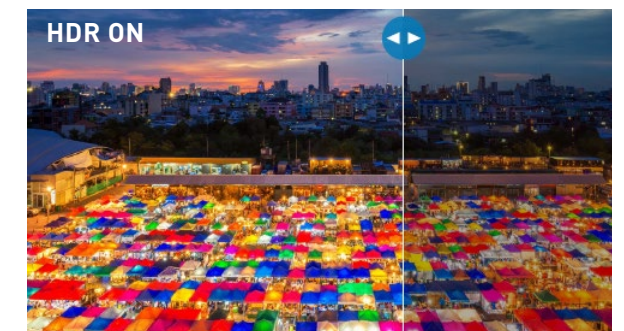
## Exceptional Realism Stunning 4K Experience\*

Make your home the centre stage for all the action with the advanced pixel-shifting technology that works in parallel with three individual high-definition LCD chips to produce an exceptionally sharp 4K picture without sacrificing on brightness.



## Breathtaking, Phenomenal Images The Evolution of HDR

Showcasing the finest details even for the most subtle shadow tones. HDR is a key technology emphasized by filmmakers that helps convey the visual intent of a film more faithfully.



<sup>1</sup> For EH-LS12000B. <sup>2</sup> Scene adaptive gamma, auto contrast enhancement and 4k frame interpolation are only for EH-LS12000B model.

\*Achieved by shift-technology.

HDR10+™ logo is a trademark of HDR10+ Technologies, LLC.™



## Flexibility in Installation Wide-range Lens Shift

With the wide range powered lens shift and zoom function that only high-end home models provide, it allows extraordinary installation flexibility that can be installed in living rooms as well as dedicated home theatre rooms with no worry for obstructions!



## Smooth Fast-Moving 4K Video Frame Interpolation

For EH-LS12000B

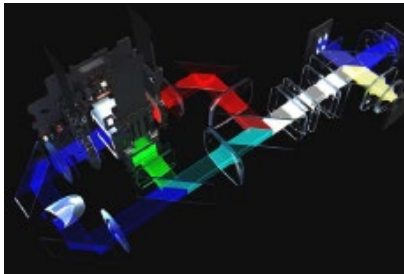
With the improved frame interpolation technology, never miss out on any detail when watching fast-moving sports or gaming. Get clear image contours and smooth motion for a more holistic 4K viewing experience.



## Ultimate State-Of-The-Art Big Screen Experience

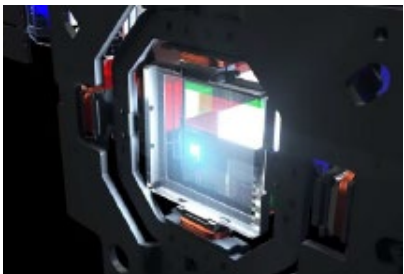
For EH-LS12000B

Bring home the state-of-the-art cinema experience with Epson's premium model - the EH-LS12000B. This laser model delivers phenomenal image quality for an enthralling big screen experience.



### New and Improved Laser Diode Package For Unparalleled Colour Realism

Equipped with a unique cutting-edge laser optical engine, the EH-LS12000B delivers incredible contrast and 2,700 lumens of equal white and colour brightness from jet black to rich, vibrant colours with its superb colour reproduction<sup>1</sup>.



### 2-axis shifting 4K Innovation For Clear Precise Images

Using Epson's proprietary shift device technology<sup>2</sup> and quietness-enhancing technology in the shift device, the high aperture ratio 1080p panel is upscaled to 4K, achieving 8.3mil pixels. Delivering bright and vivid images in every projection, the LS12000B projects with incredible accuracy and precision.



### Dedicated 4K Lens For Consistent Focus

Made in Japan, this high-quality 4K lens ensures high focus level (even when zoom to maximum of x2.1). The lenses coupled with the new 4K image processing chip which supports HDR10 and HDR10+ allows better colour reproduction and management, for the ultimate unrivalled experience.

## Phenomenal Brilliance.

HIGH DYNAMIC 4K PRO-UHD HOME THEATRE PROJECTOR

EH-TW9400



1,200,000:1  
Contrast Ratio

RESOLUTION 4K PRO-UHD

UP TO 300"  
SCREEN SIZE

2600  
LUMENS

POWERED  
LENS SHIFT



PREMIUM 4K ULTRA HD HOME THEATRE PROJECTOR

EH-LS12000B



Over 2,500,000:1  
Contrast Ratio

RESOLUTION 4K

UP TO 300"  
SCREEN SIZE

2700  
LUMENS

POWERED  
LENS SHIFT

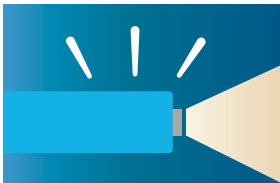


HDR10+™ logo is a trademark of HDR10+ Technologies, LLC.™

## The advantage of Laser Projector

For EH-LS12000B

Next generation laser light source offers improved usability and reliability compared to conventional lamp light sources.



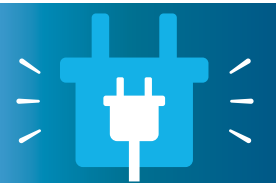
Only 8 seconds to start up  
from power on<sup>1</sup>



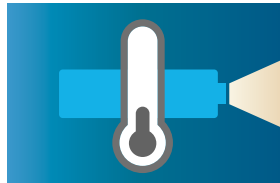
Multiple brightness  
adjustment settings



Maintenance-free,  
no lamp replacement<sup>2</sup>



Low power consumption is friendly for  
both home and the environment.



Long-life design<sup>3</sup>



Reduced light leakage in theater room  
environments<sup>4</sup>

<sup>1</sup> Improved compared to previous Epson 3LCD lamp projectors.

<sup>2</sup> Epson patented unique feedback control technology ensures precise and unmatched shift device movement.

<sup>1</sup> Supports fast-on lighting.

<sup>2</sup> Use of multiple laser diodes makes light source more reliable than a lamp. Additionally provides a light source life of 20,000 hours.

<sup>3</sup> Low-temperature light source brings lower impact on peripheral components and increased deterioration resistance.

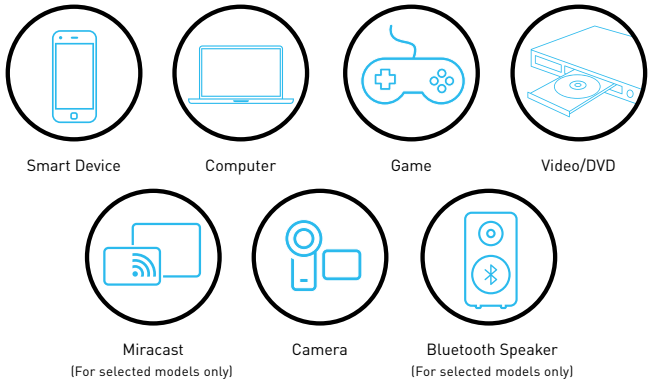
<sup>4</sup> Products using laser light sources are designed for better hermetic sealing to minimize light leakage.



OTHER FEATURES

Wide Range of Connectivity

Home entertainment is now made more accessible than ever! Epson's own range of projectors allows integrated support for multiple connection methods including HDMI connection to suit a wide range of entertainment devices.



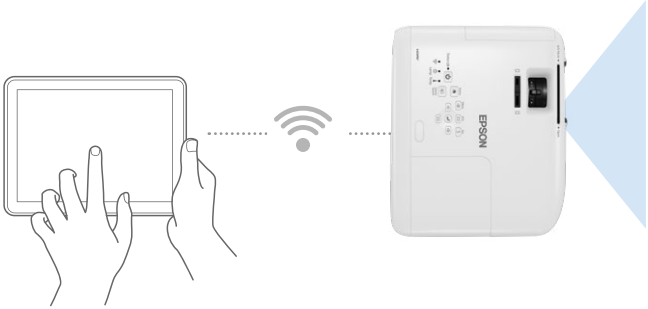
Built-in Wireless Projection\*

Projecting high-contrast, vivid high-definition images smoothly is made possible with the built-in wireless transmission function in Epson's projectors. Conveniently project and enjoy your favourite shows and movies directly from Android and Apple iOS smart devices and PCs via Wi-Fi or Miracast today.

\*Selected models. Check the model specification for more information.

Compact Design for Easy Ventilation

The sleek and compact designs of Epson's home entertainment projectors allow you to easily install them even in the narrowest of spaces. With air intake valves positioned at the front, you will no longer have to worry about ventilation.



TRUE COLOURS  
Brighter, vivid projection from Epson

Unveil The True Colours

EPSON



True BRIGHTNESS

True COMFORT

True REALISM

Up to 3x Brighter Colours

No Rainbow Effect

3x Wider Colour Gamut



WHITE 3000 LUMENS  
COLOUR 3000 LUMENS

LIGHT SOURCE  
PRISM

WIDER COLOUR RANGE



WHITE 3000 LUMENS  
COLOUR 430 LUMENS\*\*

LIGHT SOURCE  
ROTATING COLOUR WHEEL

SMALLER COLOUR RANGE

EPSON 3LCD PROJECTORS

1 - CHIP PROJECTORS



Scan here to find out more





SPECIFICATIONS

MODEL NUMBER			CO-FH01	CO-FH02
Projection Technology			RGB liquid crystal shutter projection system	
Specification of Main Parts				
LCD	Size		0.62" (C <sup>2</sup> Fine)	
	Native Resolution		Full HD (1080p)	
	Type		No Optical Zoom / Focus (Manual)	
	F-Number		1.44	
	Focal Length		16.4 mm	
Projection Lens	Zoom Ratio		1 – 1.35 (Digital Zoom)	
	Throw Ratio		1.19 – 1.61	
	Type		Lamp: 188W UHE	
Lightsource	Life*1		Normal: 6,000 / Eco: 12,000 hours	
Screen Size (Projected Distance)				
Zoom: Wide		34" to 391" [0.89 to 10.40 m]		
Zoom: Tele		26" to 290" [0.91 to 10.41 m]		
Standard Size		60" screen 1.58 m		
Brightness*2				
Colour Light Output		3,000 lm		
White Light Output (Normal / Eco)		3,000 lm / 2,000 lm		
Internal Speaker(s)				
Sound Output		5W Monoaural (without enclosure)		5W Monoaural (with enclosure)
Geometric Correction				
Keystone	Vertical		±30°	
	Horizontal		±30°	
Auto Keystone Correction		N/A		Yes (Vertical)
Quick Corner		Yes		
Connectivity				
Analog Input	D-Sub 15pin	N/A		
	Composite	N/A		
Digital Input	HDMI	1		
Audio In		N/A		
Audio Out		N/A		
USB Interface	USB Type A	1 (for Wireless LAN, Firmware Update, Copy OSD Settings)		1 (for Power Supply, Firmware Update, Copy OSD Settings)
	USB Type B	1 (for Firmware Update, Copy OSD Settings)		
Network	Wired LAN	N/A		
	Wireless	Optional		N/A
Wireless Specifications				
Smart Media Player Functions				
Wireless LAN				
Wi-Fi Generation Name		Wi-Fi 5		
Supported Standards and Frequency		IEEE 802.11a (5GHz) <sup>3</sup> , IEEE 802.11b (2.4GHz) <sup>3</sup> , IEEE 802.11g (2.4GHz) <sup>3</sup> , IEEE 802.11n (2.4GHz and 5GHz) <sup>3</sup> , IEEE 802.11ac (5GHz) <sup>3</sup>		
Supported Security Type		WPA2/WPA3-PSK (AES)		
Wireless Specifications				
Optional Wireless LAN				
Wireless LAN				
Wi-Fi Generation Name		Wi-Fi 4		N/A
Supported Standards and Frequency		IEEE 802.11b (2.4GHz): 11 Mbps <sup>3</sup> , IEEE 802.11g (2.4GHz): 54 Mbps <sup>3</sup> , IEEE 802.11n (2.4GHz) <sup>3</sup> : 72.2 Mbps <sup>3</sup> , IEEE 802.11a (5GHz) <sup>3</sup> : 54 Mbps <sup>3</sup> , IEEE 802.11n (5GHz) <sup>3</sup> : 150 Mbps <sup>3</sup> ,		N/A
Supported Mode		Infrastructure, Access Point		N/A
Supported Security Type		Infrastructure: Open, WPA2/WPA3-PSK Access Point: WPA2-PSK (AES)		N/A
Adjustment Functions				
Light Output		Yes [High, Low (Eco)]		
Colour Mode		Dynamic, Vivid, Cinema, Presentation, Blackboard, sRGB		Dynamic, Vivid, Cinema, Natural
Scene Adaptive Gamma		Yes		
Aspect Mode		Yes		
Operating Temperature				
		5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500ft) [20%-80% Humidity, No Condensation]		
Operating Altitude				
		0 m to 3,048 m <0 ft to 10,000 ft>		
Direct Power On/Off				
		Yes / Yes		
Start-Up Period				
		About 6 seconds / Warm-up period: 30 seconds		
Cool Down Period				
		Instant Off		
Power Supply Voltage				
		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220-240V)				
Lamp On (Normal / Eco)		270W / 214W		
Standby (Network On / Off)		N/A / 0.5W		
Dimension Excluding Feet (D X W X H)				
		211 x 295 x 82 mm		211 x 320 x 82 mm
Weight		Approx. 2.4kg		Approx. 2.6kg
Fan Noise (Normal / Eco )		38dB / 29dB		37dB / 29dB

<sup>\*1</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

<sup>\*2</sup> Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

<sup>\*3</sup> These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**CO-FH01**  
**Supplied Accessories**  
Power Cable: 1.8m x 1  
Remote Control with 2 x AAA Battery  
Quick Start Guide

**Optional Accessories**  
Document Camera: ELPDC21  
Ceiling Mount: ELPMB23  
Soft Carrying Bag: ELPKS69  
Safety Wire: ELPWR01  
Wireless Presentation Systems: ELPWP20  
Smart Media Player: ELPAP12



**CO-FH02**  
**Supplied Accessories**  
Power Cable: 1.8m x 1  
ELPAP12 Android TV Dongle with USB and HDMI Cable  
Remote Control with 2 x AAA Battery  
Netflix BT Remote Control with 2 x AAA Battery  
Quick Start Guide

**Optional Accessories**  
Wireless Presentation Systems: ELPWP20



©2023 Epson Singapore Pte Ltd. All Rights Reserved. Reproduction in part or in whole, without the written permission from Epson, is strictly prohibited.

EPSON is a registered trademark of Seiko Epson Corporation.

All other product names and other company names used herein are for identification purposes only and are the trademarks or registered trademarks of their respective owners.

Epson disclaims any and all rights in those marks. Projected images shown herein are simulations. The actual product design and contents may vary. Specifications are subject to change without notice and may vary between countries. Please check with local Epson offices for more information.

Apple, iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Android is a trademark of Google Inc.

Dealer's Stamp

Information correct at time of printing.  
Printed February 2023

SPECIFICATIONS

MODEL NUMBER		EpiqVision Mini EF-11	EpiqVision Mini EF-12
Projection Technology		RGB liquid crystal shutter projection system (3LCD)	
Specifications of Main Parts			
LCD	Size	0.62"	
	Native Resolution	Full HD (1080p)	
	Aspect Ratio	16:9	
Projection Lens	Type	Focus (Manual) / No Optical Zoom	Focus (Auto) / No Optical Zoom
	F-Number	2.0	
	Focal Length	13.90 mm	
Zoom Ratio		1 – 1.35 (Digital Zoom)	1.0 – 2.01 (Digital Zoom)
	Throw Ratio	1 (Wide to Tele)	
Lightsource	Type	Laser Diode	
	Life (Normal / Quiet)	20,000 hours	
Screen Size (Projected Distance)			
Zoom: Wide	30" – 150" [0.6 – 3.4 m]		
Zoom: Tele	20" – 114" [0.6 – 3.4 m]	15" – 75" [0.6 – 3.4m]	
Standard	60" screen 1.33 m		
Brightness <sup>*1</sup>			
Colour Light Output	1,000 lm		
White Light Output (Normal / Eco)	1,000 lm / 500 lm		
Contrast Ratio			
Over 2,500,000:1			
Internal Speaker(s)			
Sound Output	1.5W 2 Way [Mono]		5W [Stereo] Enclosure
Geometric Correction			
Vertical / Horizontal Keystone	±34° / ±40°		±34° / ±40° (With Real time Auto keystone Correction)
Quick Corner	Yes		
Projection Orientation	360° Free		
Connectivity			
Digital Input	HDMI	1 (HDCP1.4)	2 (HDCP2.3)
	Stereo Mini Jack	1 (for headphone)	
Audio Output	Type A	1 (for PC Free, Firmware Update, Copy OSD Settings, 5V/2A power supply)	1 (for USB storage, RJ45,Camera, Mic, HID)
	Type B	1 (for Firmware Update, Copy OSD Settings)	
Wireless Specification (Screen Mirroring)			
Supported Speed For Each Mode	IEEE 802.11g (2.4GHz): 54 Mbps <sup>2</sup> , IEEE 802.11n (2.4GHz): 130 Mbps <sup>2</sup> , IEEE 802.11a (5GHz): 54 Mbps <sup>2</sup> , IEEE 802.11n (5GHz): 270 Mbps <sup>2</sup> , IEEE 802.11ac (5GHz): 780 Mbps <sup>2</sup>		N/A
Supported Security Type	WPA2-PSK (AES)		N/A
Wireless Specification (Streaming Media Player Function)			
Supported Standard and Frequency	N/A		IEEE 802.11a (5GHz), IEEE 802.11b (2.4GHz), IEEE 802.11g (2.4GHz), IEEE 802.11n (2.4GHz and 5GHz), IEEE 802.11ac (5GHz)
Supported OS	N/A		Android OS
Supported VOD Platform	N/A		Android TV
Video Output Resolution	N/A		Up to 1,920 x 1080, 60fps, 4:4:4
Operating Temperature			
Low Altitude (0 - 2,286 m / 0 - 7,500 ft): 5 - 35 °C <41 - 95 °F> [20% – 80% Humidity, No Condensation] High Altitude (Over 2,286 m / 7,500 ft): 5 - 30 °C <41 - 86 °F> [20% – 80% Humidity, No Condensation]			
Operating Altitude			
0 - 3,000 m <0 - 9,843 ft>			
Start-Up Period			
Less than 6 seconds. Warm-up period: 30 seconds			
Cool Down Period			
Instant Off			
Air Filter	Maintenance Cycle	5,000 hours <sup>3</sup>	
Power Supply Voltage			
100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)			
Laser Diode ON (Normal / Extended)			
102W / 73W			
Standby (Network / Energy Saving)			
		N/A / 0.5 W	2.0 W / 0.5 W
Dimension Excluding Feet (D X W X H)			
		175 x 175 x 58 mm	175 x 175 x 128 mm
Weight			
		Approx. 1.2 kg	Approx. 2.1 kg
Fan Noise (Normal / Eco)			
27dB / 22dB			

<sup>\*1</sup> Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

<sup>\*2</sup> Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

<sup>\*3</sup> When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m<sup>3</sup>). Based on the Epson's in-house test results.

**Supplied Accessories**  
Power Cable: 1m x 1  
AC for Power Cable  
Remote Control with 2 x AAA Battery  
Quick Start Guide

**Optional Accessories**  
Mount Plate: ELPMB65  
Air Filter: ELPAF61  
Streaming Media Dongle: ELPAP12 (EF-11 only)



©2023 Epson Singapore Pte Ltd. All Rights Reserved. Reproduction in part or in whole, without the written permission from Epson, is strictly prohibited.

EPSON is a registered trademark of Seiko Epson Corporation.

All other product names and other company names used herein are for identification purposes only and are the trademarks or registered trademarks of their respective owners.

Epson disclaims any and all rights in those marks. Projected images shown herein are simulations. The actual product design and contents may vary. Specifications are subject to change without notice and may vary between countries. Please check with local Epson offices for more information.

Apple, iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Android is a trademark of Google Inc.

Dealer's Stamp

Information correct at time of printing.  
Printed February 2023



SPECIFICATIONS

<b>MODEL NUMBER</b>		<b>EH-TW6250</b>
<b>Projection Technology</b>		RGB liquid crystal shutter projection system
<b>Specifications of Main Parts</b>		
LCD	Size	0.61" wide panel (D10, C² Fine, 10Bit)
	Native Resolution	Full HD (1080p)
	Type	Optical Zoom (Manual) / Focus (Manual)
	F-Number	1.49 – 1.77
	Focal Length	18.2 – 29.2 mm
Projection Lens	Zoom Ratio	1 – 1.62
	Throw Ratio	1.32 – 2.15 (Wide – Tele)
	Lightsource	Type Lamp Life¹
Lightsource	Type	Lamp: 200W UHE
	Lamp Life¹	Normal: 4,500 / Eco: 7,500 hours
<b>Screen Size (Projected Distance)</b>		
Zoom: Wide		40" to 500" [1.15 to 14.83 m]
Zoom: Tele		40" to 500" [1.89 to 24 m]
Standard Size		80" screen 2.34 to 3.81 m
<b>Brightness²</b>		
Colour Light Output		2,800 lm
White Light Output (Normal / Eco)		2,800 lm / 1,900 lm
<b>Contrast Ratio</b>		35,000:1
<b>Internal Speaker(s)</b>		
Sound Output		10W Monaural
<b>Geometric Correction</b>		
Vertical / Horizontal Keystone		±30° / ±30°
Auto Keystone Correction		Yes (Vertical ±30°, Zoom: Tele)
Horizontal Slide Keystone Correction		Yes
Quick Corner		Yes
<b>Lens Shift Range</b>		
Lens Shift		Vertical: ±60%
<b>Connectivity</b>		
Digital Input	HDMI	1 (HDCP 2.3)
	Audio Out	Stereo Mini Jack x 1
USB Interface	USB Type B	1 (for Firmware Update and Copy OSD Settings)
	Wireless	Yes (only for Smart Media Player)
<b>Wireless Specifications (Smart Media Player Function)</b>		
<b>Wireless LAN</b>		
Wi-Fi Generation		Wi-Fi 5
Supported Speed For Each Mode		IEEE 802.11a (5GHz), IEEE 802.11b (2.4GHz), IEEE 802.11g (2.4GHz), IEEE 802.11n (2.4GHz and 5GHz), IEEE 802.11ac (5GHz)³
<b>Bluetooth</b>		
Version		5.0
Frequency Used		2.4GHz
Supported Codec		SBC
Supported OS		Android OS
Supported VOD Platform		Android TV
Video Output Resolution		Up to 3,840 x 2,160 60fps 4:4:4
<b>Adjustment Functions</b>		
Aspect Mode		Yes (Auto / Normal / Full / Zoom)
<b>Operating Temperature</b>		
		5 - 35 °C <41 - 95 °F> ( 0m / 0ft - 2,286m / 7,500ft ) 5 - 30 °C <41 - 86 °F> (Over 2,286m / 7,500ft ) (20% - 80% Humidity, No Condensation)
<b>Operating Altitude</b>		0 m to 3,048 m <0 ft to 10,000 ft> (over 1,500 m / 4,921 ft : with High Altitude mode)
<b>Direct Power On / Off</b>		Yes / N/A
<b>Start-Up Period</b>		Under 15 seconds Warm-up period: 30 seconds
<b>Cool Down Period</b>		Under 5 seconds
<b>Power Supply Voltage</b>		100 - 240 V AC ±10%, 50/60 Hz
<b>Power Consumption (220 - 240V)</b>		
Lamp On (Normal / Quiet, Extended)		301W / 231W
Energy Saving		0.3W
<b>Dimension Excluding Feet (D X W X H)</b>		275 x 333 x 123 mm
<b>Weight</b>		Approx. 4.1kg
<b>Fan Noise (Normal / Eco)</b>		36dB / 28dB

¹ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

² Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

³ These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**Supplied Accessories**  
Power Cable: 3m x 1 (Black)  
Remote Control with 2 x AAA Battery  
Interface Cover  
Bluetooth Remote Control for SMP with 2 x AAA Battery  
User Guide  
ELPAP12 Android TV Dongle with USB and HDMI Cable

**Optional Accessories**  
Spare Lamp: ELPLP97  
Air Filter: ELPAF54  
Ceiling Mount (White Colour): ELPMB23  
Safety Wire: ELPWR01



©2023 Epson Singapore Pte Ltd. All Rights Reserved. Reproduction in part or in whole, without the written permission from Epson, is strictly prohibited.

EPSON is a registered trademark of Seiko Epson Corporation.

All other product names and other company names used herein are for identification purposes only and are the trademarks or registered trademarks of their respective owners.

Epson disclaims any and all rights in those marks. Projected images shown herein are simulations. The actual product design and contents may vary. Specifications are subject to change without notice and may vary between countries. Please check with local Epson offices for more information.

Apple, iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Android is a trademark of Google Inc.

Dealer's Stamp

Information correct at time of printing.  
Printed February 2023

SPECIFICATIONS

<b>MODEL NUMBER</b>		<b>EH-TW7000</b>
<b>Projection Technology</b>		RGB liquid crystal shutter projection system (3LCD)
<b>Specifications of Main Parts</b>		
LCD	Size	0.61" wide panel (C² Fine, 10 Bit)
	Native Resolution	Full HD (1080p)
	Resolution On-Screen (Maximum)	4K*¹
	Pixel Number	4.2M Dots (1920 x 1080 x 2)
	Projection Lens	Optical Zoom (Manual) / Focus (Manual)
Type	F-Number	1.49 – 1.77
	Focal Length	18.2 – 29.2 mm
	Zoom Ratio	1 – 1.62
Throw Ratio (Wide – Tele)		1.32 – 2.15
	Lightsource	Lamp: 250W UHE
Lamp Life*²		High: 3,500 / Medium: 4,000 / Eco: 5,000 hours
<b>Screen Size (Projected Distance)</b>		
Zoom: Wide		40" to 500" [1.16 to 14.87 m]
Zoom: Tele		40" to 500" [1.89 to 24.01 m]
Standard Size		100" screen 2.95 to 4.77 m
<b>Brightness³</b>		
Colour Light Output		3,000 lm
White Light Output (Normal / Eco)		3,000 lm / 2,000 lm
<b>Contrast Ratio</b>		40,000:1
<b>Geometric Correction</b>		
Vertical / Horizontal Keystone		±30° / ±30°
<b>Image Enhancement</b>		
4K Enhancement		Yes (On/Off)
Picture In Picture		N/A
Aspect Mode		Yes (Auto / Normal / Full / Zoom)
Frame Interpolation		Off / Low / Normal / High (2D and 3D Mode)
Image Preset Mode		Yes
MPEG Noise Reduction		Yes
Super Resolution		Yes
Detail Enhancement		Yes
<b>3D Features</b>		
3D Display		Yes
2D – 3D Conversion		N/A
3D Format		Side by Side / Top and Bottom
3D Depth		-10 to +10
<b>Connectivity</b>		
Analog Input	D-Sub 15Pin	N/A
	5BNC	N/A
Digital Input	DVI-D	N/A
	HDMI	2 (HDCP 2.2)
Output Terminal	D-Sub 15Pin	N/A
	Audio Input	N/A
Audio Output	Stereo Mini Jack	1
	Others	2
		(Port1: Wireless LAN, Firmware Update, Copy OSD Settings) (Port 2: for Streaming Media Player with 2,000 mA Power Supply)
Control I/O	USB Type Mini-B	1 (for Service, Firmware Update)
	RS-232C	N/A
Network	Remote Control Input	NA
	Wired LAN	N/A
Wireless		Optional (ELPAP10)
<b>Wireless Specification</b>		
Supported Connection Mode		Infrastructure, Access Point
Supported Speed For Each Mode		IEEE 802.11b (2.4GHz): 11 Mbps⁴, IEEE 802.11g (2.4GHz): 54 Mbps⁴, IEEE 802.11n (2.4GHz): 130.0 Mbps⁴,
<b>Wireless LAN Security</b>		
		Quick Mode: WPA2-PSK Advanced Mode: WPA/WPA2-PSK
<b>Operating Temperature</b>		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (Over 2,286m / 7,500ft) (20% - 80% Humidity, No Condensation)
<b>Operating Altitude</b>		0 m to 3,048 m <0 ft to 10,000 ft>
<b>Direct Power On / Off</b>		Yes / N/A
<b>Start-Up Period</b>		Up to 19 seconds, Warm-up Period: 30 seconds
<b>Cool Down Period</b>		Up to 7 seconds
<b>Power Supply Voltage</b>		100 - 240 V AC ±10%, 50/60 Hz
<b>Power Consumption (220 - 240V)</b>		
Lamp (Normal / Eco)		368W / 280W
Standby (Network On / Off)		2.0W (Optional Wireless LAN) / 0.5 W
<b>Dimension Excluding Feet (D X W X H)</b>		310 x 410 x 157 mm
<b>Weight (Including Standard Lens)</b>		Approx. 6.6 kg
<b>Fan Noise (Normal / Eco)</b>		35dB / 24dB

\*¹ Pixel shift technology.

\*² Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

\*³ Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

\*⁴ These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**Supplied Accessories**  
Power Cable: 3m x 1  
Remote Control with 2 x AA Battery  
User Manual CDROM  
Quick Start Guide

**Optional Accessories**  
Spare Lamp: ELPLP85  
Air Filter: ELPAF39  
Wireless LAN unit: ELPAP10  
Ceiling Mount: ELPLMB22



©2023 Epson Singapore Pte Ltd. All Rights Reserved. Reproduction in part or in whole, without the written permission from Epson, is strictly prohibited.

EPSON is a registered trademark of Seiko Epson Corporation.

All other product names and other company names used herein are for identification purposes only and are the trademarks or registered trademarks of their respective owners.

Epson disclaims any and all rights in those marks. Projected images shown herein are simulations. The actual product design and contents may vary. Specifications are subject to change without notice and may vary between countries. Please check with local Epson offices for more information.

Apple, iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Android is a trademark of Google Inc.

Dealer's Stamp

Information correct at time of printing.  
Printed February 2023



SPECIFICATIONS

MODEL NUMBER		EpiqVision Ultra EH-LS300B		EpiqVision Ultra EH-LS800B	
Projection Technology		RGB liquid crystal shutter projection system (3LCD)			
Specifications of Main Parts					
LCD	Size	0.61" (C <sup>2</sup> Fine)		0.62" (C <sup>2</sup> Fine)	
	Native Resolution	1080p			
	Aspect Ratio	16:9			
Resolution On-Screen (Maximum)		1080p		4K <sup>*1</sup>	
	Resolution	1080p		4K <sup>*1</sup>	
	Pixel Number	2M Dots (1920 x 1080)		4.2M Dots (1920 x 1080 x 2)	
Projection Lens					
	Type	No Optical Zoom / Focus (Manual)			
	F-Number	1.6		1.8	
	Focal Length	3.7 mm		2.3 mm	
	Zoom Ratio	1.0 – 2.0 (Digital Zoom)		1 – 2.5 (Digital Zoom)	
	Throw Ratio (Wide – Tele)	0.26 – 0.52		0.16 – 0.40	
Lightsource	Type	Laser Diode			
	Life	20,000 hours (Normal / Quiet)		20,000 hours (Normal / Eco)	
Screen Size (Projected Distance)					
Zoom: Wide		61" to 120" [0.349 to 0.703 m]		80" to 150" [0.28 to 0.54 m]	
Zoom: Tele		31" to 60" [0.349 to 0.703m]		32" to 60" [0.28 to 0.54 m]	
Standard Size		75.9" screen 0.443 m		90" screen 0.32 m	
Brightness <sup>*2</sup>					
Colour Light Output		3,600 lm		4,000 lm	
White Light Output (Normal / Eco)		3,600 lm / 1,800 lm		4,000 lm / 2,000 lm	
Contrast Ratio					
		Over 2,500,000:1			
Internal Speakers					
Sound Output		20W (YAMAHA 2.1ch Satellite x2, Woofer x1)			
Image Enhancement					
4K Enhancement		N/A		Yes (On/Off)	
Aspect Mode		Yes (Auto / Normal / Full / Zoom)		Yes (Auto / Full / Zoom)	
Frame Interpolation		N/A		Yes (Off / Low / Normal / High)	
Image Preset Mode		N/A		Yes	
Noise Reduction		Yes		Yes (Except 4K Signal)	
Detail Enhancement		Yes		N/A	
Super Resolution		N/A		Yes	
Connectivity					
Digital Input	HDMI	2 (SMF, HDMI2=ARC)		3 (HDCP 2.3)	
Audio Output		1 (S/PDIF)		1 (Stereo Mini), 1 (S/PDIF)	
Others	USB Type A	Yes (If for USB Storage, RJ45, Camera, Mic, HID)		3 (for USB Storage, RJ45, Camera, Mic, HID) USB3 is for 5V/2A Power Supply, No USB Function	
	USB Type Mini-B	1 (for Firmware Update)			
Control I/O	RS-232C	N/A		N/A	
Network	Wired LAN	N/A		N/A	
	Wireless	Yes (Only for Smart Media Player)			
Wireless Specification					
(Smart Media Player Function)					
Wireless LAN		Wi-Fi 5			
Supported Speed For Each Mode		IEEE 802.11a (5GHz) <sup>*3</sup> , IEEE 802.11b (2.4GHz) <sup>*3</sup> , IEEE 802.11g (2.4GHz) <sup>*3</sup> , IEEE 802.11n (2.4GHz and 5GHz) <sup>*3</sup> , IEEE 802.11ac (5GHz) <sup>*3</sup>			
Bluetooth		Bluetooth 5.1 Class1 (2.4GHz)		Bluetooth 5.0 Class 2 (2.4GHz)	
Supported OS		Android OS			
Supported VOD Platform		Android TV			
Video Output Resolution		Up to 1,920 x 1,080 60fps at 4:4:4		Up to 3,840 x 2,160 60fps at 4:2:0	
Operating Temperature					
		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (Over 2,286m / 7,500ft) (20% - 80% Humidity, No Condensation)		0 - 40 °C <32 - 104 °F> (0m / 0ft - 2,286m / 7,500ft) 0 - 35 °C <32 - 95 °F> (Over 2,286m / 7,500ft) (20% - 80% Humidity, No Condensation)	
Operating Altitude					
		0 m to 3,048 m <0 ft to 10,000 ft> Over 1,500m / 4,921 ft, with High Altitude mode			
Start-Up Period					
		Less than 6 seconds		Less than 8 seconds, Warm-up period: 30 seconds	
Cool Down Period					
		Instant Off			
Power Supply Voltage					
		100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)					
Lamp On (Normal / Quiet, Extended)		278W / 179W		335W / 210W	
Standby (Network On / Off)		2.0W / 0.5 W		2.0W / 0.4 W	
Dimension Excluding Feet (D X W X H)					
		400 x 467 x 133 mm		341 x 695 x 145 mm	
Weight (Including Standard Lens)					
		Approx. 7.2 kg		Approx. 12.3 kg	
Fan Noise (Normal / Eco)					
		37dB / 23dB		32dB / 19dB	

<sup>\*1</sup> Pixel shift technology.

<sup>\*2</sup> Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

<sup>\*3</sup> These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

SPECIFICATIONS

MODEL NUMBER		EH-TW9400		EH-LS12000B	
Projection Technology		RGB liquid crystal shutter projection system			
Specifications of Main Parts					
LCD	Size	0.74" wide panel with MLA (C <sup>2</sup> Fine, 12 bit, OD)		0.74" wide panel with SMLA (C2Fine, 12bit, OD)	
	Native Resolution	1080p			
Resolution On-Screen (Maximum)					
Resolution	Resolution	4K <sup>*1</sup>		4K <sup>*1</sup>	
	Pixel Number	4.2M Dots (1920 x 1080 x 2)		8.3M Dots (1920 x 1080 x 4)	
Projection Lens	Type	Power Zoom, Power Focus			
	F-Number	2.0 – 3.0			
	Focal Length	22.5 – 46.7 mm			
	Zoom Ratio	1 – 2.1			
	Throw Ratio	1.35 – 2.84			
Lightsource	Type	Lamp: 250W UHE		Laser Diode: 198W	
	Life	Lamp <sup>*2</sup> : High: 3,500 / Medium: 4,000 / Eco: 5,000 hours		Laser Life: 20,000 hours (Normal / ECO)	
Screen Size (Projected Distance)					
Zoom: Wide		50" to 300" [1.48 to 9.08 m]			
Zoom: Tele		50" to 300" [3.13 to 18.99 m]			
Standard Size		100" screen 3.00 to 6.30 m			
Brightness <sup>*3</sup>					
Colour Light Output		2,600 lm		2,700 lm	
White Light Output (Normal / Eco)		2,600 lm / 640 lm		2,700 lm / 1,000 lm	
Contrast Ratio		1,200,000:1		Over 2,500,000:1	
Geometric Correction					
Vertical Keystone		±30 degrees			
Lens Shift Range					
Vertical Lens Shift		±96.3 % (H Center, Powered)			
Horizontal Lens Shift		±47.1 % (V Center, Powered)			
Connectivity					
Analog Input	D-Sub 15Pin	1 (Blue)		N/A	
		2 (HDCP 2.2)		2 (HDCP2.3; HDMI2: eARC/ARC)	
Digital Input	HDMI	2 (Right USB: Wireless LAN, Firmware Update, Copy OSD Settings) (Left USB: Opt. HDMI cable with 300mA power supply)		2 (1: Firmware Update, Copy OSD Settings, Save Log or 5V/2A Power Supply; 2: For Opt HDMI and 5V/300mA Power Supply)	
USB Interface	USB Type A	1 (for Service and Firmware Update)		1 (for Firmware Update, Copy OSD Settings)	
Control I/O	USB Type Mini-B				
	RS-232C	D-Sub 9pin x 1			
Trigger Out (12V)		3.5mm Mini Jack x 1			
	Network	Wired LAN			
	Wireless	Optional (ELPAP10)		N/A	
Wireless Specifications (Wireless LAN)					
Supported Speed For Each Mode		IEEE 802.11b (2.4GHz): 11 Mbps <sup>4</sup> , IEEE 802.11g (2.4GHz): 54 Mbps <sup>4</sup> , IEEE 802.11n (2.4GHz): 130 Mbps <sup>4</sup> ,		N/A	
Supported Connection Mode		Infrastructure, Access Point		N/A	
Wireless LAN Security		Quick Mode: OPEN, WPA2-PSK Advanced Mode: OPEN, WPA/WPA2-PSK		N/A	
Adjustment Functions					
High Dynamic Range		HDR10		Yes (HDR10, HDR10+) <sup>5</sup>	
Aspect Mode		Yes (Auto / Normal / Full / Zoom / Anamorphic Wide / Horiz. Squeeze)		Yes (Auto / Full / Zoom / Anamorphic Wide / Horiz. Squeeze)	
Frame Interpolation		Yes		Yes	
Auto Contrast Enhancement		N/A		Yes	
Scene Adaptive Gamma		N/A		Yes	
Image Enhancement					
Image Preset Mode		Yes (Off / Preset1 / Preset2 / Preset3 / Preset4 / Preset5)			
IMPEG Noise Reduction		Yes			
Super Resolution		Yes (Fine line adjust / Soft focus detail)			
Detail Enhancement		Yes (Range / Strength)			
3D Features					
3D Display		Yes (Auto / 3D / 2D)		N/A	
3D Format		Side by Side / Top and Bottom		N/A	
3D Depth		-10 to +10		N/A	
Operating Temperature					
		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (Over 2,286m / 7,500ft) 20% - 80% Humidity, No Condensation			
Operating Altitude					
		0 m to 3,048 m <0 ft to 10,000 ft> (over 1,500 m / 4,921 ft : with High altitude mode)			
Direct Power On / Off					
		Yes / NA			
Start-Up Period					
		19 seconds		Less than 8 seconds	
		Warm-up period: 30 seconds		Warm-up period: 30 seconds	
Cool Down Period					
		16 seconds		Instant Off	
Power Supply Voltage					
		100 - 240 V AC +/- 10%, 50/60 Hz			
Power Consumption (220 - 240V)					
Lamp/LD On (Normal / Eco)		355W / 271W		302W / 198W	
Standby (Network On / Off)		2W / 0.3W		2W / 0.4W	
Dimension Excluding Feet (D X W X H)					
		450 x 520 x 170 mm		447 x 520 x 169 mm	
Weight		Approx. 11.2 kg		Approx. 12.7 kg	
Fan Noise (Normal / Eco)		31 dB / 20dB		30 dB / 22dB	