



DEBUNKING THE MYTHS ABOUT HOME PROJECTORS

MYTH 1

A television is just as good as a projector.

TRUTH

It is much less stressful on your eyes from a projection screen than the television screen thanks to a weaker light reflection. Plus, you get to experience the same thrilling big-screen experience in the comfort of your own home.



MYTH 4

I need a blank wall.

TRUTH

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



MYTH 2

Projectors and its maintenance are expensive.

TRUTH

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 lamps replacements are a thing of the past. With a lamp life of 20,000* hours, you can indulge in a 5-hour movie marathon daily for 2.5 years before you need a lamp change!

Laser Projector Has

20000

Maintenance Free Hours*

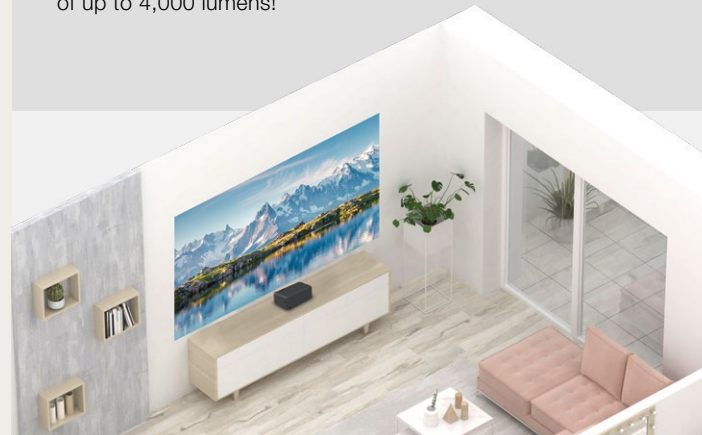
* For selected models only.

MYTH 5

A dark room is needed.

TRUTH

Dark or bright room, you can still enjoy the show with our range of home projectors thanks to its white and colour brightness of up to 4,000 lumens!

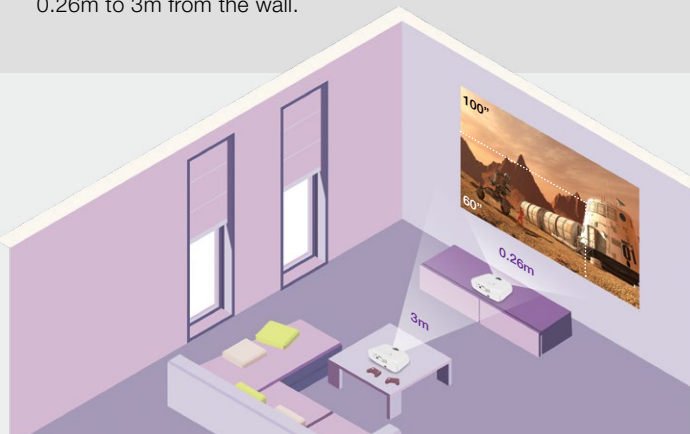


MYTH 3

Projector screens are too big to use in small homes.

TRUTH

You can easily adjust the screen size from 60-inches to more than 100-inches, placing our home projectors at a distance of 0.26m to 3m from the wall.

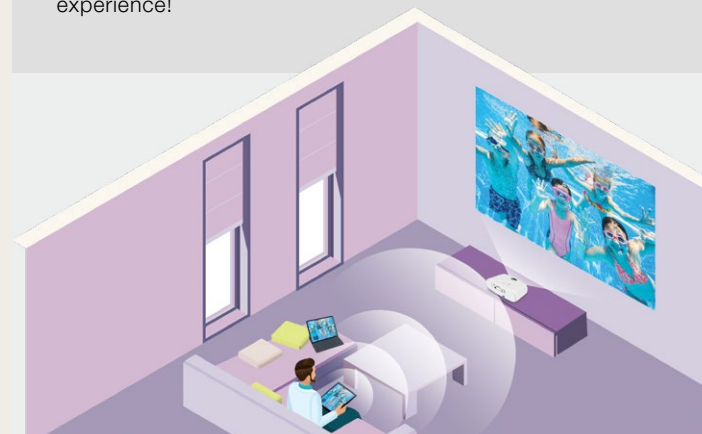


MYTH 6

Troublesome installation.

TRUTH

Set up anywhere in the room and connect Epson's home projectors to your smart devices to start that cinematic experience!



HOME THEATRE PROJECTORS
EF-100 SERIES/EH-TW750
EH-TW7000/LS500B/TW5650
EH-TW7400/TW9400

EPSON
EXCEED YOUR VISION

BRINGING
THE DETAILS
CLOSER
TO YOU.



Want to host your own movie nights with family and friends? Simply connect your streaming devices to Epson home entertainment projectors and bring cinematic screenings right into your house. Thanks to the weaker light reflection from projectors as opposed to the conventional TV screens, your eyes are no longer feeling the strain even after a movie marathon!



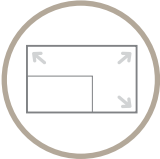






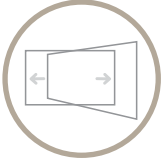


IT'S IN THE DETAILS.

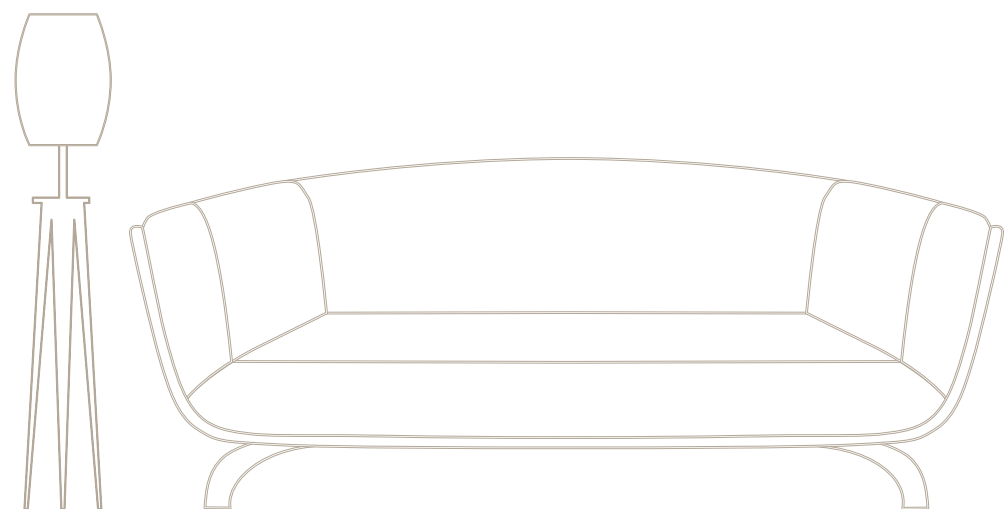
3LCD technology that delivers quality projected images and reliable performance.

* For selected models only. 4K Enhancement Technology shifts each pixel diagonally to double Full HD resolution. Resolution is Full HD in 3D Mode.

Recreating the cinema right at home

Your perfect companion for that ultimate home entertainment experience.

-  Flexible Screen Size
-  High Contrast Ratio
-  Laser Light Source¹
-  2D-to-3D Conversion²
-  High Dynamic Range (HDR)³
-  Fast Mode
-  Built-in Speaker⁴
-  Horizontal Keystone Adjustment⁵
-  Out-of-the-box Setup
-  Versatile Connectivity



High definition Stunning image quality

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



Plug-and-play Smart projectors

Home entertainment more accessible now than ever. Simply plug any of your streaming devices to the projector via a multitude of connections including HDMI to begin.



Truly flexible Project however wherever

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.



¹ For EF-100 series and EH-LS500B only. ² For EH-LS500B, EH-TW5650/TW7400 only. ³ For EH-TW7000/LS500B/TW7400/TW9400 only. ⁴ For EF-100 series, EH-TW750/LS500B/TW5650 only. ⁵ For EF-100 series, EH-TW750/TW7000/LS500B/TW5650 only.



Up close and personal on the actions

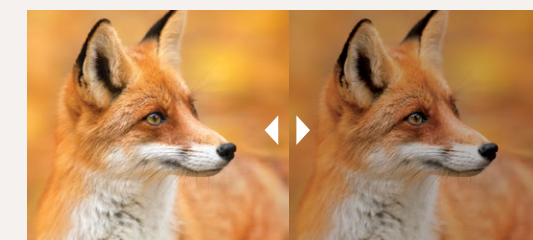
Bringing the actions closer to you with a bigger viewing screen, topped with high contrast images that bring forth a vivid viewing experience, you can now enjoy your favourite shows without compromising on its quality right in your living room.



EH-TW750 | EF-100W | EF-100B

High contrast ratio

Feast your eyes on beautifully projected well-defined images and videos regardless of ambient light, all thanks to Epson's Auto Iris Technology, which provides optimum contrast and brightness for each scene.



High contrast ratio

Low contrast ratio

Fuss-free installation

A quick, fuss-free, and user-friendly installation process, you are just a few steps away from your next movie with Epson's home entertainment projectors. Thanks to the inbuilt horizontal and vertical keystone corrections, you can make use of the 360-degree installation and place the projector anywhere you want in the room. Now, are you ready to marvel at brilliant and vivid images right in the comfort of your house?



Flexible placement

Entertainment on-the-go

Gone are the days where you have to specifically clear up space to fit your home projectors! You can now carry these compact projectors from room to room, connect them with Miracast on your smart devices, and revel in the exhilarating theatre experience anywhere you are.



Stunning match for your living room

With fuss-free installation and the ability to project from anywhere, it is time to ditch the TV for Epson's range of chic living room projectors and take your viewing to the next level.



EH-TW5650 | EH-LS500B | EH-TW7000

Lens shift & 1.6 zoom lens¹

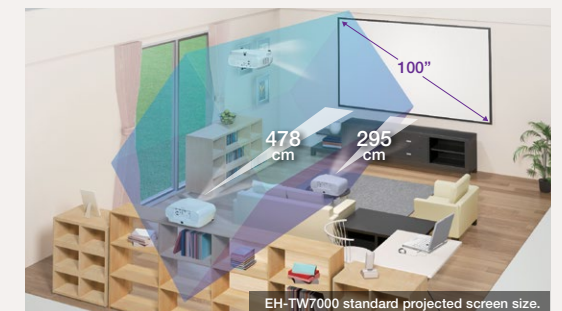
You can now enjoy a wide range of placement possibilities with Epson's living room projectors thanks to the broad vertical shift and its in-built 1.6x zoom lens. Be ready to marvel at the screen size of 100-inch² at your next movie night!

Laser TV experience

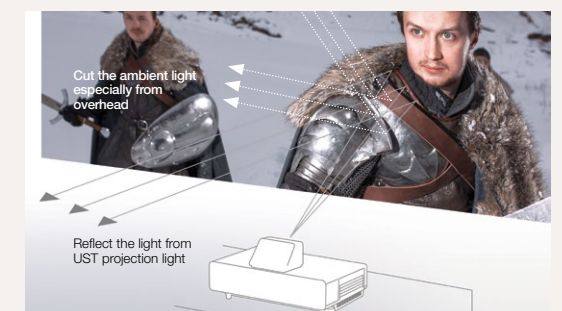
Filtering light by 90% using the using Epson's own Ambient Light Rejection screen³, you can now relish in a 100-inch Laser TV-like viewing experience in both a well-lighted and a darker room environment.

Minimal space required

Have the flexibility to place your Epson's EH-LS500B's ultra-short-throw projector right below the screen, giving you a bigger image in a smaller space, and eliminating the need to mount it on the ceiling or a tabletop. Now, you can relish in the highly immersive viewing experience without worrying about shadows or disruptions.



Lens Shift & 1.6x Zoom Lens



Epson Ambient Light Rejecting Screen

¹ For EH-TW5650 and EH-TW7000 only. ² Projected screen size for EH-LS500B is up to 130", EH-TW5650 is up to 300" and EH-TW7000 is up to 500". ³ Ambient Light Rejection (ALR) screen only works on ultra-short throw projectors (EH-LS500B).



Dynamic realism in every scene

Be it for bingeing on dramas, hosting a movie night, gaming with friends, or watching fast-paced sporting events, images are sure to pop off the screen with our state-of-the-art projectors. Every director wishes their home viewers own a projector as good as Epson's very own range of home theatre projectors.



EH-TW7400 | EH-TW9400

4K PRO-UHD technology

Surpassing Full HD image quality and giving you exceptional sharpness, clarity, and detail in every image projected, the 4K PRO-UHD technology works by shifting each pixel diagonally by 0.5 pixels, doubling the resolution to 3840 x 2160 and bringing you double that enjoyment.

Enhanced HDR function

Marvel in more vibrant, impactful, and sharper images with the enhanced High Dynamic Range (HDR) function. With the wider HDR10 parameter range and 18Gbps support, you can now adjust the brightness and gradation of projected images with greater detail and accuracy.

Features orientated

Epson knows what you want in your home theatre projectors. Pick and customise your viewing experience with a range of features ranging from 3D capabilities, Picture-in-Picture (PiP)**, to Image Enhancement such as Frame Interpolation, Details Enhancement, 4K Enhancement, and Cinema Filter.

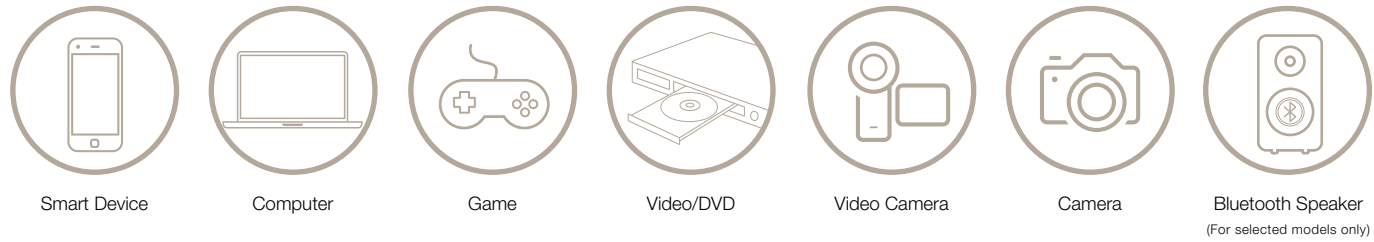


Picture-inPicture (PiP) function.

* 4K Enhancement Technology shifts each pixel diagonally to double Full HD resolution. Resolution is Full HD in 3D Mode. ** For EH-TW7400 only.

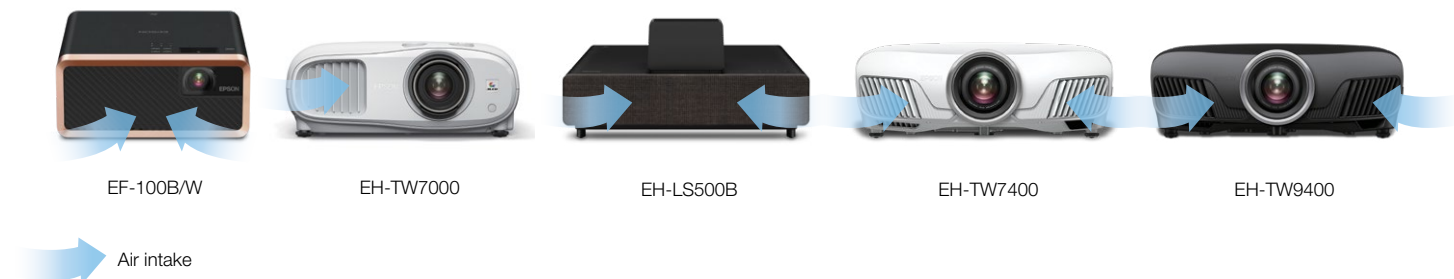
Wide-range connectivity Except EF-100 Series

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.



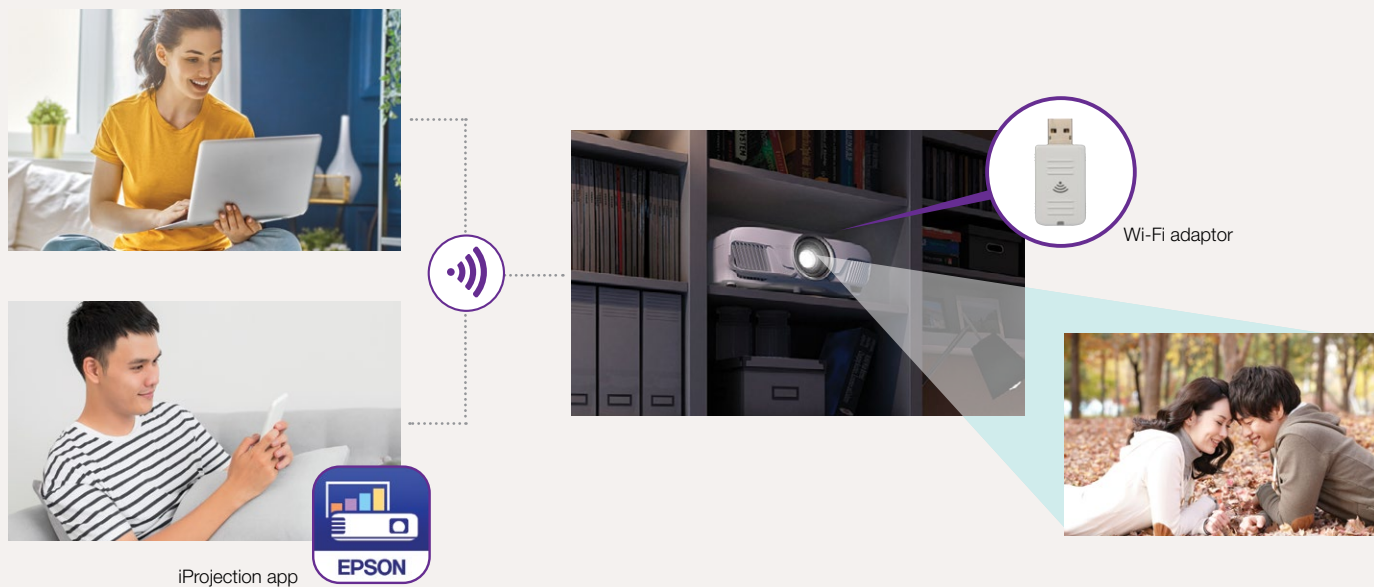
Compact design for easy ventilation Except EH-TW750 and EH-TW5650

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.



Wireless transmission Except EF-100 Series

Projecting high contrast, vivid images smoothly is made convenient with the wireless transmission feature in our projectors. With the optional Wi-Fi adaptor and the iProjection app, you can now project images directly from Android and Apple iOS smart devices, PCs and even laptops.



PROJECTOR WISHES COME TRUE.

EPSON 3LCD PROJECTORS

1-CHIP PROJECTORS

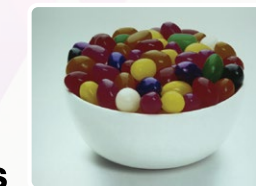
TRUE COLOURS

Brighter, vivid projection from Epson.



Up to **3x** Brighter Colours with Epson Projectors*

TRUE BRIGHTNESS



NO RAINBOW EFFECT

TRUE COMFORT



LIGHT SOURCE PRISM

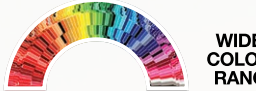


LIGHT SOURCE ROTATING COLOUR WHEEL

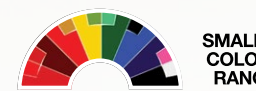
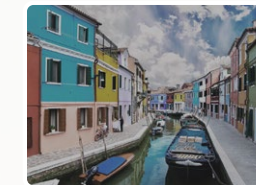


UP TO **6x WIDER COLOUR GAMUT**** Epson Projectors

TRUE REALISM



WIDER COLOUR RANGE



SMALLER COLOUR RANGE



Find out more at www.epson.com.sg/truecolours

IT'S IN THE DETAILS.

With 3LCD panels, every projection gives you spectacular true colours.

* Leading Epson business and education projectors vs. leading 1-chip DLP® projectors, selected according to NPD data as of July 2015. Based on U.S. research conducted by Radius Research.
 ** These lumen statistic can be found at www.colorlightoutput.com.
 1 Color brightness(color light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP® projectors based on NPD sales data for May 2017 - April 2018.
 2 Gamut volume in brightest mode, measured by a third-party lab in 3D in the CIE L*a*b* coordinate space. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP® projectors based on NPD sales data for May 2017 - April 2018.

HOME ENTERTAINMENT PROJECTORS SPECIFICATIONS

EF-100 SERIES/EH-TW750

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MODEL NUMBER	EF-100B/W	EH-TW750
Projection Technology	RGB liquid crystal shutter projection system	
Specification of Main Parts		
LCD	Size 0.59" (C ² Fine) Native Resolution WXGA Type No Optical Zoom / Focus (Manual) F-Number 1.58 Focal Length 13.53 mm Zoom Ratio 1 – 1.35 (Digital Zoom) Throw Ratio 1.04 – 1.4 (Wide – Tele)	0.61" wide panel (C ² Fine) 1080p Optical Zoom (Manual) / Focus (Manual) 1.58 – 1.7 14.06 – 16.82 mm 1 – 1.20 1.02 – 1.23 (Wide – Tele) Lamp: 210W UHE
Lightsource	Type Laser Diode Lamp Life*1 Normal: 12,000 / Extended: 20,000 hours	High: 6,000 / Eco: 12,000 hours
Screen Size (Projected Distance)		
Zoom: Wide	30" to 150" [0.65 to 3.41 m]	30" – 300" [0.67 to 6.86 m]
Zoom: Tele	22" to 111" [0.65 to 3.41 m]	30" – 300" [0.81 to 8.28 m]
Standard Size	60" screen 1.34 to 1.81 m	60" screen 1.35 to 1.64 m
Brightness*2		
Colour Light Output	2,000 lm	3400 lm
White Light Output (Normal / Eco)	2,000 lm / 1,000 lm	3400 lm / 2,200 lm
Contrast Ratio	Over 2,500,000:1	
Internal Speaker(s)		
Sound Output	5W Monoaural (with enclosure)	2 W Mono x 1
Geometric Correction		
Keystone	Vertical ±45° Horizontal ±40°	±30° ±30°
Quick Corner	Yes	
Connectivity		
Analog Input	D-Sub 15pin Composite	N/A 1 (Blue) RCA x 1 (Yellow)
Digital Input	HDMI	1
Audio In	N/A	RCA White x1, Red x1
Audio Out	Stereo Mini Jack x 1	
USB Interface	USB Type A	1 (for 2A Power Supply, Firmware Update and Copy OSD Setting)
Network	USB Type B Wired LAN Wireless	1 (for Firmware Update, Copy OSD Settings) N/A Built-In
Wireless Specifications (Wireless LAN)		
Supported Speed For Each Mode	N/A	IEEE 802.11b (2.4GHz): 11 Mbps ³ IEEE 802.11g (2.4GHz): 54 Mbps ³ IEEE 802.11n (2.4GHz): 72.2 Mbps ³ IEEE 802.11a (5GHz): 54 Mbps ³ IEEE 802.11n (5GHz): 150 Mbps ³
Supported Connection Mode	N/A	Infrastructure, Access Point
Wireless LAN Security	N/A	Infrastructure: OPEN WPA2/WPA3-PSK, WPA2/WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point: OPEN WPA2-PSK(AES)
Adjustment Functions		
Six Axis Colour Adjustment	N/A	N/A
Picture In Picture	N/A	N/A
Aspect Mode	Yes (Auto / 16:9 / Full / Zoom)	Yes (Auto / Normal / Full / Zoom)
Frame Interpolation	N/A	N/A
Image Enhancement		
Image Preset Mode	N/A	N/A
MPEG Noise Reduction	Yes	N/A
Super Resolution	N/A	Yes
Detail Enhancement	N/A	Yes
Operating Temperature		
Operating Altitude	5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (10% - 80% humidity, No condensation)	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)
Direct Power On/Off	Yes / No	Yes / Yes
Start-Up Period	Under 6 seconds / Warm-up period: 30 seconds	
Cool Down Period	Instant Off	
Air Filter		
Maintenance Cycle*4	5,000 H	6,000 H / 12,000 H (Eco)
Power Supply Voltage		
Power Consumption (220-240V)	172W / 115W Standby (Network On / Off) N/A / 0.4W	327W / 225W 2.0 W / 0.3 W
Dimension Excluding Feet (D X W X H)	227 x 210 x 88 mm	
Weight	Approx. 2.7kg	
Fan Noise (Normal / Eco)	29dB / 26dB	

*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.

*4 When used in the general office environment (the amount of floating dust: 0.04-0.2 mg/m³). Based on the Epson's in-house test results.

EF-100B/W
Supplied Accessories
Power Cable (1.8m)
Remote Control with 2 AAA Battery
Quick Start Guide

Optional Accessories
Air Filter: ELPAF57
Ceiling Mount (White Colour): ELPMB60
Lighting Track Mount: ELPMB61

EF-100B



EF-100W



EH-TW750

Supplied Accessories
Power Cable (1.8m)
Remote Control with 2 AA Battery
Quick Start Guide
Soft Carrying Case

Optional Accessories
Spare Lamp: ELPLP97
Air Filter: ELPAF32
Ceiling Mount (White Colour): ELPMB23
Soft Carrying Case: ELPKS69



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Dealer's Stamp

Information correct at time of printing.
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LIVING ROOM PROJECTORS SPECIFICATIONS

EH-TW7000/LS500B

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MODEL NUMBER	EH-TW7000	EH-LS500B
Projection Technology	RGB liquid crystal shutter projection system (3LCD)	
Specification of Main Parts		
LCD	Size 0.61" wide panel (C ² Fine) Native Resolution 1080p	
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 (Wide – Tele) 1.32 – 2.15	No Optical Zoom / Focus (Manual) 1.5 3.99 mm 1 – 1.35 (Digital Zoom) 0.28 – 0.38
Lightsource	Type Lamp: 250W UHE Lamp Life*1 High: 3,500 / Medium: 4,000 / Eco: 5,000 hours	Laser Diode Normal/Eco: 20,000 hours
Screen Size (Projected Distance)		
Zoom: Wide	40" to 500" [1.16 to 14.87 m]	65" to 130" [0.398 to 0.817 m]
Zoom: Tele	40" to 500" [1.89 to 24.01 m]	48" to 96" [0.398 to 0.817 m]
Standard Size	100" screen [2.95 to 4.77 m]	80" screen [0.495 m]
Brightness*2		
White Light Output (Normal / Eco)	3,000 lm / 2,000 lm	4,000 lm / 1,200 lm
Colour Light Output	3,000 lm	4,000 lm
Contrast Ratio	40,000:1	
Geometric Correction		
Vertical / Horizontal Keystone	±30° / ±30°	±3° / ±3°
Image Enhancement		
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	
3D Features		
3D Display	Yes	
Remote Control with 2 AA Battery	N/A	
2D – 3D Conversion	N/A	
3D Format	Side by Side / Top and Bottom	
3D Depth	-10 to +10	
Connectivity		
Analog Input	D-Sub 15Pin 5BNC	N/A N/A
Digital Input	DVI-D HDMI	N/A 2 (HDCP 2.2) 3 (HDCP 2.2)
Output Terminal	D-Sub 15Pin	N/A
Audio Input	Stereo Mini Jack	N/A
Audio Output	Stereo Mini Jack	1
Others	USB Type A	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 RS-232C Remote Control Input	1 (For Firmware Update) N/A N/A
Network	Wired LAN Wireless	N/A Optional (ELPAP10)
Wireless Specification		
Supported Connection Mode	Infrastructure, Access Point	
Supported Speed For Each Mode	IEEE 802.11b (2.4GHz): 11 Mbps ³ IEEE 802.11g (2.4GHz): 54 Mbps ³ IEEE 802.11n (2.4GHz): 130.0 Mbps ³	
Wireless LAN Security	Quick Mode: WPA2-PSK Advanced Mode: WPA/WPA2-PSK	Quick Mode: OPEN, WPA2-PSK Advanced Mode: OPEN, WPA/WPA2-PSK, WPA/WPA2-EAP Supported EAP type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP
Operating Temperature		
Operating Altitude	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)	
Direct Power On / Off	Yes / N/A	
Start-Up Period	Up to 19 seconds, Warm-up Period: 30 seconds	
Cool Down Period	Up to 7 seconds	
Power Supply Voltage	100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)		
Lamp (Normal / Eco)	368W / 280W	366W / 230W
Standby (Network On / Off)	2.0W (Optional Wireless LAN) / 0.5 W	
Dimension Excluding Feet (D X W X H)	310 x 410 x 157 mm	
Weight (Including Standard Lens)	Approx. 6.6 kg	
Fan Noise (Normal / Eco)	35dB / 24dB	

*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.

Sales Enquiries
800 120 5564

EpsonSEA EpsonSEA EpsonSEA YouTUBE EpsonSoutheastAsia Epson Southeast Asia

For latest specifications, visit www.epson.com.sg/homeprojectors or call **800 120 5564**.

EH-TW7000
Supplied Accessories
Power Cable (3m)
Remote Control with 2 AA Battery
User Manual CDROM
Quick Start Guide

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



EH-LS500B

Supplied Accessories
Power Cable (1.8m)
HDMI Extension Cable
USB Power cable
Remote Control with 2 AA Battery
Lens Cap
Main Unit Foot

Optional Accessories
Air Filter: ELPAF56
Wireless LAN: ELPAP10



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Sales Enquiries
800 120 5564

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For latest specifications, visit www.epson.com.sg/homeprojectors or call **800 120 5564**.

LIVING ROOM PROJECTORS SPECIFICATIONS

EH-TW5650

MODEL NUMBER	EH-TW5650	
Projection Technology	RGB liquid crystal shutter projection system	
Specifications of Main Parts		
LCD	Size	0.61" wide panel (D10, C ² Fine)
	Native Resolution	1080p
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)
	F-Number	1.51 – 1.99
	Focal Length	18.2 – 29.2 mm
	Zoom Ratio	1 – 1.6
	Throw Ratio	1.33 – 2.16 (Wide – Tele)
Lightsource	Type	Lamp: 200W UHE
	Lamp Life ^{*1}	Normal: 4,500 / Eco: 7,500 hours
Screen Size (Projected Distance)		
	Zoom: Wide	30" to 300" [0.87 to 8.9 m]
	Zoom: Tele	30" to 300" [1.42 to 14.5 m]
	Standard Size	80" screen 2.35 to 3.82 m
Brightness²		
	Colour Light Output (Normal)	2,500 lm
	White Light Output (Normal / Eco)	2,500 lm / 1,650 lm
Contrast Ratio		
		60,000:1
Internal Speaker(s)		
	Sound Output	10W Monaural
Geometric Correction		
	Vertical / Horizontal Keystone	±30° / ±30° (Slide Bar)
	Auto Keystone Correction	Yes (Vertical)
	Horizontal Slide Keystone Correction	Yes
	Quick Corner	Yes
Lens Shift Range		
	Lens Shift	Vertical: +45% to +60%
Connectivity		
Analog Input	D-Sub 15pin	1 (Blue)
	Composite	N/A
Digital Input	HDMI	2 (one of terminal supports MHL)
Audio In		N/A
Audio Out		Stereo Mini Jack x 1
USB Interface	USB Type A	1 (for 100mA Power Supply, Slideshow, Firmware Update)
	USB Type B	1 Mini-USB (for Service)
	Wireless	Built-in
Network		
	Network	Wireless
Wireless Specifications (Wireless LAN)		
	Supported Speed For Each Mode	IEEE 802.11b: 11 Mbps ³ IEEE 802.11g: 54 Mbps ³ IEEE 802.11n: 130 Mbps ³
	Supported Connection Mode	Infrastructure, Access Point
	Wireless LAN Security	Quick: WPA2-PSK, Advanced: WPA/WPA2-PSK
Wireless Specifications (Screen Mirroring)		
	Supported Speed For Each Mode	IEEE 802.11g (2.4GHz): 54 Mbps ³ IEEE 802.11n (2.4GHz): 130.0 Mbps ³ IEEE 802.11a (5GHz): 54 Mbps ³ IEEE 802.11n (5GHz): 270.0 Mbps ³ IEEE 802.11ac (5GHz): 780Mbps ³
	Supported Connection Mode	Wi-Fi Direct
	Supported Security Type	WPA2-PSK (AES)
Adjustment Functions		
	Frame Interpolation	Yes
	Detail Enhancement	Yes
	Split Screen	Yes
	Aspect Mode	Yes (Auto / Normal / Full / Zoom)
3D Features		
	3D Display	Yes
	2D - 3D Conversion	Yes
	3D Format	Yes
	3D Depth	Yes
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)
Operating Altitude		
	Direct Power On / Off	Yes / N/A
Start-Up Period		
		Under 15 seconds Warm-up period: 30 seconds
Cool Down Period		
		Under 5 seconds
Power Supply Voltage		
		100 - 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)		
	Lamp On (Normal / Eco)	296W / 227W
	Standby (Network On / Off)	2.0W / 0.2W
Dimension Excluding Feet (D X W X H)		
		278 x 309 x 107 mm
Weight		
		Approx. 3.5kg
Fan Noise (Normal / Eco)		
		37dB / 27dB

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.

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Supplied Accessories
Power Cable (3m)
Remote Control with 2 AA Battery

Optional Accessories
Spare Lamp: ELPLP96
Air Filter: ELPAF55
Ceiling Mount (White Colour): ELPMB23



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HOME THEATRE PROJECTORS SPECIFICATIONS

EH-TW7400/TW9400

MODEL NUMBER	EH-TW7400	EH-TW9400
Projection Technology	RGB liquid crystal shutter projection system	
Specifications of Main Parts		
LCD	Size	0.74" wide panel with MLA (C ² Fine)
	Native Resolution	1080p
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: 250 W UHE
	Lamp Life ^{*1}	High: 3,500 / Medium: 4,000 / Eco: 5,000 hours
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
Brightness²		
	Colour Light Output	2,400 lm
	White Light Output (Normal / Eco)	2,400 lm / 590 lm
Contrast Ratio		
		200,000:1
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)
Digital Input	HDMI	2 (HDMI 1 - HDCP 2.2, HDMI 2 - HDCP 1.4) 2 (HDCP 2.2)
USB Interface	USB Type A	2 (Right USB: Wireless LAN, Firmware Update, Copy OSD Settings) (Left USB: Opt. HDMI cable with 300mA power supply)
	USB Type B	USB Mini-B x 1 (For Service and Firmware Update)
Control I/O	RS-232C	D-Sub 9pin x 1
	Trigger Out (12V)	3.5mm Mini Jack x 1
Network	Wired LAN	RJ45 x 1
	Wireless	Optional (ELPAP10)
Wireless Specifications (Wireless LAN)		
	Supported Speed For Each Mode	IEEE 802.11b (2.4GHz): 11 Mbps ³ IEEE 802.11g (2.4GHz): 54 Mbps ³ IEEE 802.11n (2.4GHz): 130 Mbps ³
	Supported Connection Mode	Infrastructure, Access Point
	Wireless LAN Security	Quick Mode: OPEN, WPA2-PSK Advanced Mode: OPEN, WPA/WPA2-PSK
Adjustment Functions		
	Picture In Picture	Yes N/A
	Aspect Mode	Yes (Auto / Normal / Full / Zoom) Yes (Auto / Normal / Full / Zoom / Anamorphic Wide / Horiz.Squeeze)
Frame Interpolation		
		Off / Low / Normal / High (2D and 3D Mode)
Image Enhancement		
	Image Preset Mode	Yes (Off / Preset1 / Preset2 / Preset3 / Preset4 / Preset5)
	MPEG 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)
	2D - 3D Conversion	Yes (Off / Weak / Medium / Strong) N/A
	3D Format	Side by Side / Top and Bottom
	3D Depth	-10 to +10
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
Operating Altitude		
	Direct Power On / Off	Yes / N/A
Start-Up Period		
		19 seconds Warm-up period: 30seconds
Cool Down Period		
		16 seconds
Power Supply Voltage		
		100 - 240 V AC +/- 10%, 50/60 Hz
Power Consumption (220 - 240V)		
	Lamp On (Normal / Eco)	355W / 271W
	Standby (Network On / Off)	2W / 0.3W
Dimension Excluding Feet (D X W X H)		
		450 x 520 x 170 mm
Weight		
		Approx. 11.2 kg
Fan Noise (Normal / Eco)		
		31 dB / 20dB

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.

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Supplied Accessories
Power Cable (3m)
Remote Control with 2 AA Battery
User Manual
2 HDMI Cable Clamp

Optional Accessories
Spare Lamp: ELPLP89
Air Filter: ELPAF39
Wireless LAN Unit: ELPAP10
Ceiling Mount: ELPMB22
Cable Cover: ELPCC05W, ELPCC05B

EH-TW7400



EH-TW9400



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