

Channel Bulletin

| LATEST NEWS FROM EPSON

EPSON
EXCEED YOUR VISION

November 2019

EH-TW7100

Superior image quality with 4K PRO-UHD¹



For further information please visit www.channel.epson.co.nz

4K PRO-UHD

KEY FEATURES:

- **4K PRO-UHD¹** - a new type of 4K home theatre projection technology only from Epson
- **Advanced 3LCD Projector Design** - a true 3-Chip design, 3LCD technology
- **Amazing Colour Brightness²** - 3,000 Lumens colour brightness and 3,000 Lumens white brightness
- **Dedicated 4K Pixel-Shift Processor¹** - Epson's advanced pixel-shifting resolution-enhancement technology results in an exceptional 4K visual experience
- **Dedicated HDR Processor** - full 10-bit HDR colour processing uses 100% of the HDR source information
- **High Contrast** - contrast ratio up to 100,000:1 delivers an extraordinary range of colour and detail in both bright and dark scenes
- **Lens Shift** - lens shift enables installation flexibility with a range of up to $\pm 60\%$ on the vertical axis and up to $\pm 24\%$ on the horizontal axis
- **Wide Ranging Connectivity** - connect to virtually any device, making your entertainment more accessible
- **Captivating Sound** - two built-in 10 W stereo speakers for lifelike sound
- **Easy to Use** - simple and easy to use Home screen with quick access to menus
- **2 Year Projector warranty** - enjoy peace of mind

1 4K Enhancement Technology (4Ke) shifts each pixel diagonally to double Full HD (1920x1080) resolution. Resolution is Full HD in 3D Mode.

2 Colour brightness (colour light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Colour brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec.2015 through Nov.2016.

3 External speakers need to support SCMS-T

4K PRO UHD

Experience a new type of 4K home theatre projection technology from Epson with proprietary dedicated processors for resolution enhancement¹, HDR, and image processing. 4K PRO-UHD home theatre

projectors faithfully display all your favourite content from the classics to the latest blockbusters. This isn't just a new way to watch movies — it's the best way.

¹4K Enhancement Technology (4Ke) shifts each pixel diagonally to double Full HD (1920x1080) resolution. Resolution is Full HD in 3D Mode.



3LCD Technology

All Epson projectors are based on 3-chip LCD technology for amazing colour, incredible detail and solid reliability. 3LCD's 3-chip architecture dedicates an entire chip to process each primary colour – red, green and blue, continuously. Unlike single-chip technology that delivers colour sequentially, you get full-time colour. The result is vibrant, realistic images and video all delivered with 3LCD's true-to-life colour.



Amazing colour brightness with Epson



Brilliant image quality requires high colour brightness (colour light output). The EH-TW7100, powered by 3LCD technology, is capable of producing White Light and Colour Light Output of 3,000 lumens in 4K enhancement resolution, delivering amazing colour brightness.

Super Resolution with Detail Enhancement

Super-resolution defines edges for standard and HD content, while Detail enhancement refines surface detail for true-to-life images.



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Dedicated 4K Enhancement Processor

Advanced 4K enhancement hardware precisely controls three-individual high-definition LCD chips to parallel process up to 12 million pixels of information. This new type of resolution enhancement technology results in a 4K visual experience – surpassing other forms of 4K home theatre projection.



Dedicated HDR Processor

A High Dynamic Range expands the range of colour and contrast that can be reached, resulting in a more realistic and natural image. Epson's full 10-bit HDR colour processing accepts 100% of the HDR source information to faithfully reproduce HDR content for an exceptional visual performance.

SDR(Standard dynamic range)



HDR(High dynamic range)



100,000:1 High Contrast

Enjoy bright, vibrant pictures as well as excellent shadow detail, so you can bring your favourite movies to life.



Lower contrast ratio



TW-7100 series

Frame Interpolation

Frame interpolation technology inserts multiple new frames between the original ones, so motion appears smoother, sharper and more realistic.

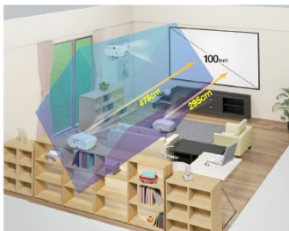


Imaging Science Foundation (ISF) calibration and colour management

The Epson EH-TW7100 features ISF certification for top video performance. The EH-TW7100 makes it possible to calibrate the levels of the brightness, colour, and contrast setting against the room lighting and the projection environment to capture every subtle intricacy.



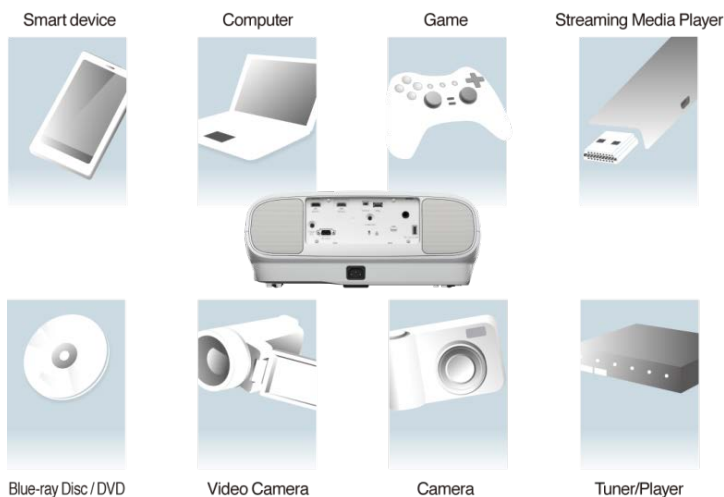
Installation Flexibility



Lens shift allows you a wide range of placement possibilities, with a broad shift range of 60% vertically and 24% horizontally. Combined with a 1.6x zoom lens, projector placement is a breeze.

Wide Ranging Connectivity

Connect from virtually any device, making your entertainment simple and more accessible.



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Compact Placement

With an exhaust system with air intake at both the side and front of the projector, it is now possible to place the EH-TW7100 in a compact location so you can be fully immersed in a cinematic environment.



Captivating Sound

Enjoy amazing audio with two built-in 10W speakers.



Bright 3D Drive Technology for 3D Cinematic Adventures

Enjoy thrilling 3D adventures right in the comfort of your living room. Featuring Bright 3D Drive technology, the TW6700 series puts you right in the middle of the action. Epson's drive system minimises the blackout time of 3D glasses and provides greater brightness when viewing 3D content.



Simple set-up

An intuitive remote puts all the most commonly used functions at your fingertips, making it easier than ever to find the functions you need. The EH-TW7100 also features a Welcome Guide so new users can fully utilise the projector and keep entertainment to a maximum.



Connectivity Panel

EH-TW7100



Projectors

PRODUCT CODE	DESCRIPTION	RRP (INC GST)
V11H959053	EH-TW7100	\$2,999

Accessories

PRODUCT CODE	DESCRIPTION	RRP (INC GST)
V13H010L85	ELPLP85 Replacement Lamp	\$155
V13H134A39	ELPAF39 Air Filter	\$33
V12H003B22	ELPMB22 Ceiling Mount (Standard)	\$289
V12H526040	ELPMB30 Ceiling Mount (Flush)	\$279
V12H003P13	ELPFP13 Suspension Adapter 450mm	\$99
V12H003P14	ELPFP14 Suspension Adapter 700mm	\$159

Carton Dimensions

MODEL	EH-TW7100
Product Code	V11H959053
Barcode	9314020632471
Carton Dimensions (D x W x H)	491 x 483 x 228 mm
Gross Weight (Kg)	9.29

Specification Overview

PRODUCT NAME	EH-TW7100
PRODUCT CODE	V11H959053
TECHNOLOGY	
Projection System	RGB liquid crystal shutter projection system
LCD Panel	0.61-inch wide panel with MLA (C2 Fine, 10 bit)
Pixel Number	2,073,600 dots (1920 x 1080)
Resolution	4K Enhancement* (1920 x 1080 x 2)
OPTICAL	
Zoom	1 – 1.62 (Optical)
Screen Size	40" to 500" [1.16 to 14.87 m] (Zoom: Wide) 40" to 500" [1.89 to 24.01 m] (Zoom: Tele)
Projection Distance	100" screen 2.95 - 4.77 m
Throw Ratio	1.32 (Zoom: Wide), 2.15 (Zoom: Tele)
Projection Lens F Number	1.49 – 1.77
Projection Lens Focal Length	18.2 mm – 29.2 mm
Focus Method	Manual
IMAGE	
Colour Light Output	3,000 Lumens
White Light Output	3,000 Lumens
Native Aspect Ratio	16:9
Contrast Ratio	100,000:1
Colour Reproduction	Up to 1.07 billion colours
Colour Processing	10 bit
Keystone Correction	V: -30 to +30 degrees, H: -30 to +30 degrees
Lens Shift (Manual)	V: -60% to +60%, H: -24% to +24%
CONNECTIVITY	
Input: Digital	2 x HDMI (1 x HDCP2.2)
Input: Opt. HDMI	1 x USB A
Input: Control	1 x RS232c
Input: Network I / O	1 x USB Type A (for optional Wireless LAN unit)
Trigger Out	3.5 mm mini-jack
Wireless Connectivity	Optional
Super Resolution	Yes
High Dynamic Range - HDR10	Yes
Hybrid Log Gamma - HLG	Yes
Frame Interpolation	Yes
4K Enhancement	Yes
3D Formats	Top-and-Bottom, Side-by-Side
Built in Speakers	2 x 10 W
Colour Modes	Dynamic, Bright Cinema, Natural, Cinema
GENERAL	
Dimensions D x W x H (including feet)	330 x 410 x 164 mm
Weight	6.9 kg
Projector Warranty	2 Years
Power Consumption: Lamp on	406 W
Power Consumption: Standby	2 W
Noise Level (Normal / Eco)	35 / 24 dB

*4K Enhancement Technology (4Ke) shifts each pixel diagonally to double Full HD (1920x1080) resolution. Resolution is Full HD in 3D Mode.

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Quick Spec Comparison

Model	EH-TW6700	EH-TW7100
Resolution	1080p	4K Enhancement* (1920 x 1080 x 2)
White Light Output	3,000 lms	3,000 lms
Colour Light Output	3,000 lms	3,000 lms
Display Technology	3LCD	3LCD
Contrast Ratio	70,000:1	100,000:1
High Dynamic Range - HDR10	-	✓
Hybrid Log Gamma - HLG	-	✓
Super Resolution	✓	✓
Keystone (Std Lens)	V ±30 H ±30	V ±30 H ±30
Lens Shift	V ±60 H±24	V ±60 H±24
Zoom Ratio	1 - 1.6	1 - 1.6
3D Capable	✓	✓
Built in Speakers	2 x 10W	2 x 10W
Warranty (Projector)	2 Years	2 Years
Warranty (Lamp)	12 months or 750 hours*	12 months or 750 hours*

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