

**dreamio™**

Home Projector  
**EMP-TW700**

**EPSON**  
EXCEED YOUR VISION

The Ideal VISUALIFE... for Everyone



High Brightness  
1600 ANSI lm



## The Ideal VISUALIFE... for Everyone

Introducing the new EMP-TW700 home projector from Epson, for those who believe beautiful images come first. In addition to beautiful image quality, this stylish projector comes equipped with enough image adjustment features to satisfy even the most passionate users. Yet its simple operation makes it the ideal choice for everyone from beginner to expert alike to make their way into the exciting world of beautiful, big screen images easily. EMP-TW700 will transform any room into your very own VIP theater. It's showtime!

**dreamio™**  
Home Projector EMP-TW700



Ultra High Contrast  
10000:1

*New Projection Lens :  
Wide Zoom Range 2.1x and High Resolving Power*

EMP-TW700 introduces a newly developed lens which has both beauty and ease of setting. Its high descriptive power allows it to project the subtle transparencies and details within the images. Also, the wide ranging zoom lens allows it to correspond with a wide variety of environments.

*Top-class Basic Performance Features for  
Outstanding Image Quality*

### Bright1600 ANSI lm, E-TORL

The small, yet highly luminescent 170W lamp (E-TORL) is capable of projecting an impressive 1600 ANSI lm, making it possible to enjoy clear images even without dimming the room.

### E-TORL



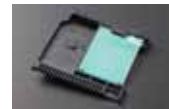
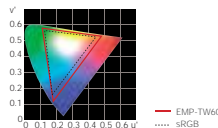
### High Contrast Ratio (10000:1) Thanks to Auto Iris Function and New Generation LCD Panel

By making use of the Auto Iris Function which controls the lamp brightness at 60 times per second along with D5 generation LCD panel, the projector can regulate the image brightness and contrast like never before. In bright scenes, the whites are very bright and dark scenes are projected in a richer black than ever possible before, allowing for incredibly clear and vivid images projected with an amazing 10000:1 contrast ratio.



### Epson Cinema Filter

The improved "Epson Cinema Filter" adjusts the image color optically. By adjusting the three primary colors of light (Red, Green and Blue) with exceptional balance and precision, the projector is able to project an extensive range of colors for beautiful images with genuine color.



Epson Cinema Filter

### Soft, Bright, Beautiful... 3LCD Technology

3LCD technology achieves brighter, more natural images and smoother, sharper video playback. No color break-up makes images gentler on the eyes.



## A Variety of Functions to Project Images Beautifully

### 7 Color Modes

Choosing from any one of the seven pre-set color modes for perfect color and brightness to fit the image and the environment is both simple and easy to understand.

Color Mode	Brightness (ANSI lm)	Cinema Filter	Lamp Power	
Dynamic	1600	Off	High	For use in a bright room.
Living Room				For use in a room with curtains closed.
sRGB	400	On	Low	Compliant with sRGB.
Natural				Natural image quality. Basic color mode setting.
Theatre				TV-like image quality
Theatre Black 1				Professional, monitor-like image quality. Suitable for HD contents.
Theatre Black 2				Film-like texture and image quality.

### 10 Bit Color Processing

10 Bit Color Processing is capable of reproducing 1.07 billion colors for rich expression and smooth gradation.

### Wide-ranging Adaptability

#### Vertical & Horizontal Lens Shift

It comes equipped with a vertical and horizontal lens shift function that allows the user to reposition the image up to 2 screen widths laterally and 3 screens vertically without altering the shape or compromising the image quality. This useful function allows you to place the projector off to the side and view an undistorted image on the screen.

### Epson Super White

Express images in "Super White" to compensate for the overexposure often evident in bright portions of images.



### Six-Axis Color Adjustment

The hue and saturation for each of the RGBCMY color components can be adjusted independently. This feature enables you to make more precise color adjustments than anything so far, allowing you to customize images to suit your own color preferences.



### Customized Gamma Adjustment

The user can control the gamma curve easily and freely while viewing the projected image using Epson's innovative Graphic User Interface. This function helps in adjusting the gradation of dark or delicate parts within an image according to user preferences.



### Noise Shaped Video™

Advanced Sharpness Adjustment  
I/P Conversion Setting

### Easy to Use

#### Easy to Use Remote Controller

The conveniently sized and well designed remote controller is easy to hold and use. Light-up the buttons with a push of the light activation button for use in a dark room.



#### Direct Power-On

The Direct Power-On function allows for the projector to startup without pressing the power button. A ceiling mounted EMP-TW700 is activated automatically when the room's power source is switched on.

#### HDMI Equipped

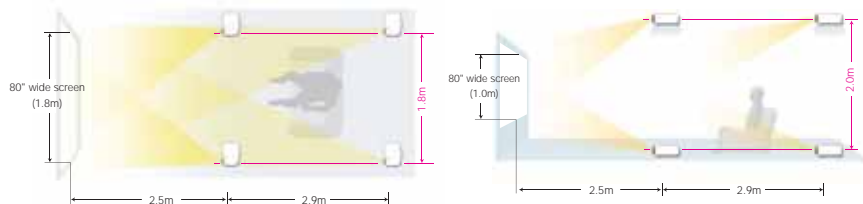
Built-in HDMI (High Definition Multimedia Interface).



**HDMI**

#### 2.1x Wide Zoom Ratio / Short Focus Lens

The wide zoom ratio helps to increase the range of set up possibilities by allowing for movement both forward and back with relation to the screen. The short focus lens is capable of projecting an 80 inch screen from as close as 2.5m from the screen.



### 7 Aspect Modes

Auto, Normal, Squeeze, Zoom, Wide, Through, Squeeze Through

# Home Projector EMP-TW700

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## Specifications

Projection System		Three-LCD panel shutter-type projection system
LCD	Pixel Number	921,600 dots (1280 x 720) x 3
	Native Resolution	720p
	Panel Size (Diagonal)	0.7 - inch wide
Brightness		1600 ANSI lm (Color mode: Dynamic)
Screen Size (Projected Distance)		30-300 inch (Wide 0.93 to Tele 20.35 m)
Contrast		10000:1 (Color mode: Dynamic, Zoom:Wide, Lens shift:Full, Auto Iris:On)
Projection Lens	Type	Manual zoom/focus
	F-number	2.0-3.17
	Focal Length	22.5-47.2 mm
	Zoom Ratio	1-2.1
Lens Shift Range	Vertical	102.3 % max. (upward and downward)
	Horizontal	50 % max. (left and right)
Lamp		170 W UHE (E-TORL)
Fan Noise		26 dB (Color mode: Theatre Black1/Theatre Black2)
Supported RGB signal resolutions		SXGA/XGA/SVGA/VGA
Supported Video Signals		NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM 525i/525p/625i/625p/750p/1125i
Digital Input		HDMI
Video Input		3RCA (Component), RCA (Composite), S-Video, D4
Analog RGB Input		Mini D-Sub 15 pin
Control I/O		RS-232C
Keystone Correction		Vertical: -15° to +15°
Color mode		Theatre/Theatre Black1/Theatre Black2/Natural'sRGB/Living Room/Dynamic
New Epson Cinema Filter		Controlled automatically with color mode ON : Theatre/Theatre Black1/Theatre Black2/Natural'sRGB OFF: Living Room/Dynamic
Auto Iris Function		Controlled automatically adjusting to video source (User selectable)
Other Functions		Epson Super White, Customized Gamma adjusting Six-Axis Color Adjustment, Advanced Sharpness Adjustment etc.
Operation Temperature		5 °C to 35 °C <-1 °F to 95 °F>
Power Supply Voltage		100-240 VAC ±10%, 50/60 Hz
Power Consumption		100-240 VAC 50/60 Hz 2.7-1.2 A
Size (Excludes Feet)		406 (W) x 353 (D) x 143 (H) mm
Weight		Approx. 11.9 lbs. / 5.4 kg
Supplied Accessories		Power cord (3.0 m ) Remote controller User's manual

### EPSON HONG KONG LIMITED

20/F, Harbour Centre, 25 Harbour Road,  
Wanchai, Hong Kong

### EPSON Service Centre

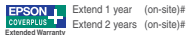
Room 517, Trade Square,  
681 Cheung Sha Wan Road,  
Cheung Sha Wan, Kowloon

Sales Enquiry Hotline: 2827 8711  
Technical Support Hotline: 2827 8911

Website: [www.epson.com.hk](http://www.epson.com.hk)

### WARRANTY SERVICE

2 years on-site warranty service



Extend 1 year (on-site)#

Extended Warranty Extend 2 years (on-site)#

#The warranty service can be extended by purchasing  
EPSON COVERPLUS Extended Warranty.

For more information, please contact EPSON sales enquiry hotline

\*Specification are subject to change without notice.

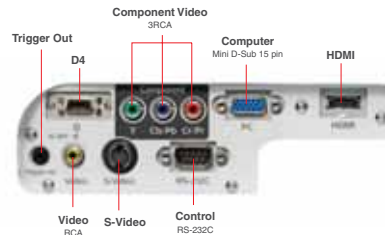


## Optional Accessories

ELPLP39	Spare Lamp
ELPMB20	Ceiling Mount
ELPAF09	Air Filter (1 sheet)

## Common Option

ELPSC06	Portable Screen
ELPSC07	60 inch Screen
ELPSC08	80 inch Screen



## Projection Distance and Screen Size

16:9 Screen Size	Units: cm (in.)		Projection Distance	
			Shortest	Longest
			(Zoom Adjustment Wide) - (Zoom Adjustment Tele)	
30"	66 x 37 (26 x 15)		93 - 200 (3.0 - 6.6)	
40"	89 x 50 (35 x 20)		125 - 268 (4.1 - 8.8)	
60"	130 x 75 (51 x 28.3)		189 - 404 (6.2 - 13.3)	
80"	180 x 100 (71 x 39)		253 - 540 (8.3 - 17.7)	
100"	220 x 120 (87 x 47)		318 - 676 (10.4 - 22.2)	
120"	270 x 150 (106 x 59)		382 - 812 (12.5 - 26.6)	
150"	330 x 190 (130 x 75)		478 - 1016 (15.7 - 33.3)	
200"	440 x 250 (173 x 98)		639 - 1355 (21.0 - 44.5)	
300"	660 x 370 (260 x 146)		961 - 2035 (31.5 - 66.8)	

4:3 Screen Size	Units: cm (in.)		Projection Distance	
			Shortest	Longest
			(Zoom Adjustment Wide) - (Zoom Adjustment Tele)	
30"	61 x 46 (24 x 18)		113 - 245 (3.7 - 8.0)	
40"	81 x 61 (32 x 24)		153 - 328 (5.0 - 10.8)	
60"	120 x 90 (47 x 35)		231 - 494 (7.6 - 16.2)	
80"	160 x 120 (63 x 47)		310 - 661 (10.2 - 21.7)	
100"	200 x 150 (79 x 59)		389 - 827 (12.8 - 27.1)	
120"	240 x 180 (94 x 71)		468 - 993 (15.3 - 32.6)	
150"	300 x 230 (118 x 91)		586 - 1243 (19.2 - 40.8)	
200"	410 x 300 (161 x 118)		782 - 1659 (25.7 - 54.4)	
300"	610 x 460 (240 x 181)		1176 - 2490 (38.6 - 81.7)	