

HD MOVIES AND GAMES **FOR THRILLING HOME ENTERTAINMENT** – in one best-value projector



WORLD's
No.1
PROJECTORS
10 Years Running
2001-2010

Source: Futuresource Consulting



The Epson EH-TW480 harnesses Epson's advanced 3LCD technology to deliver superb-quality images and sounds for a highly engaging home entertainment experience. Whether for movies or games, the projector is sure to produce remarkable HD output for the enjoyment of the whole family.

- **Experience thrilling HD games and movies**
Make every game or movie time an exciting event for the family, with brilliant HD output that brings images to life
- **Create hassle-free home entertainment any time**
The built-in HDMI and speaker let you set up your entertainment system with convenient plug-and-play capability
- **Easily transform any area at home into an entertainment centre**
With the Horizontal Keystone Adjuster and automatic vertical keystone detector and adjustment, setting up your big screen is made fast and easy, even for beginners



The Epson EH-TW480 harnesses Epson's advanced 3LCD technology to deliver superb-quality images and sounds for a highly engaging home entertainment experience. Whether for movies or games, the projector is sure to produce remarkable HD output for the enjoyment of the whole family.

EXPERIENCE THRILLING HD GAMES AND MOVIES

Lightweight and compact, this projector uses Epson's 3LCD technology that produces brilliant, colorful HD images. Discover the difference 2,800 lm makes, immersing you in the movies viewed and games played – even in the brightest rooms.



Projector A

White Light Output: 2700 Lumens
Color Light Output: 750 Lumens



Image 1



Image 2

Epson EH-TW480

White Light Output: 2800 Lumens
Color Light Output: 2800 Lumens



Image 1



Image 2

CREATE HASSLE-FREE HOME ENTERTAINMENT ANY TIME

Spice up your home entertainment with a built-in speaker that accompanies superb image projection. With these features, you get to enjoy home entertainment any time without the need for external speakers, eliminating the additional cost and the messy cabling.

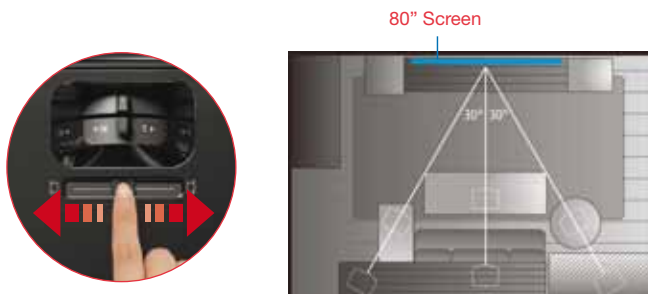
Another attribute is the built-in HDMI terminal, which supports up to 1080p contents. With a simple HDMI cable, you can now simply plug and play all your HD multimedia content.



EASILY TRANSFORM ANY AREA AT HOME INTO AN ENTERTAINMENT CENTER

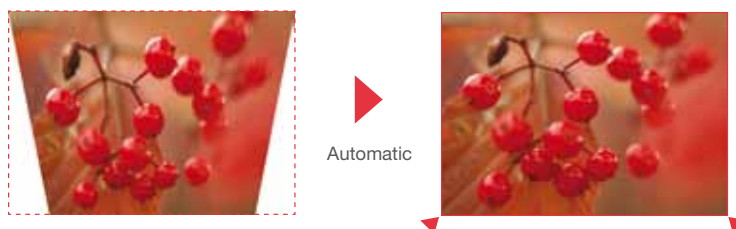
Enjoy versatility of use

With the easy-to-use Horizontal Keystone Adjuster, screen corrections can be done quickly and accurately. This makes the setting up of your big screen in any part of the room easy, for both beginners and experienced users.



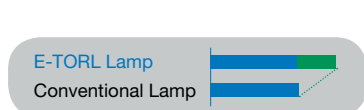
Say good-bye to time-consuming image adjustments

With the $\pm 30^\circ$ automatic vertical keystone detection and adjustment, there is no longer any need for awkward and time-consuming manual adjustments that interrupt the smooth flow of your viewing or gaming. This handy feature automatically detects the projector's vertical angle and adjusts the vertical keystone distortion instantly. Now, you spend less time adjusting your screen and more time enjoying your game or movie.



LONG-LASTING LAMP LIFE OF UP TO 5,000 HOURS*

Enjoy greater cost savings and ease of maintenance with Epson's proprietary long-lasting E-TORL lamp. Designed to optimise light output, this highly efficient lamp delivers noticeably brighter images with greater power efficiency. With long lamp life and low power consumption, you get to enjoy your favorite movies and games for much longer.



Brightness of E-TORL lamp compared to a conventional lamp of same power.



*in eco mode



Eco Features

- Equipped with an E-TORL lamp engineered to maximise light usage and power efficiency
- Uses just 0.47 W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programs, visit www.epson.com/environment

Color Light Output

- an easy way to evaluate projector color output

What is Color Light Output?

Color Light Output (CLO) is a specification that provides critical information on a projector's ability to deliver color. Developed by color scientists using the same approach as White Light Output (Brightness) measurement, Color Light Output provides the buyer with additional key information about color.

Does Brightness measure color?

No. Current product specifications such as Brightness (or White Light Output), Contrast Ratio and Resolution give no information regarding a projector's ability to reproduce color. The existing Brightness specification only measures the total amount of White Light projected. It does not measure color – in fact, many manufacturers artificially boost brightness by adding white light, which dilutes the projector's color brightness.

Why is Color Light Output important?

Color Light Output is critically important because it measures the brightness of Red, Green and Blue. Red, Green and Blue create white when combined in the right proportions. They also comprise the input signal that tells your projector how to reproduce color images. Beautifully balanced color is possible when bright Red, Green and Blue combine to produce the brightness equal to White. Color Light Output provides users with an additional way to evaluate a projector and make more discerning buying decisions.

Is Color Light Output the same in all projectors?

No. There are vast differences in the Color Light Output of projectors on the market today. Look at the images below from two competing projectors

3LCD Projector



Image #1*

Brand X



Image #1*



Image #2*



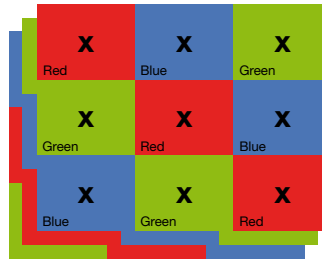
Image #2*

Color Light Output specification describes the difference in color between these two projectors.

How is Color Light Output measured?

X	X	X
X	X	X
X	X	X

Brightness (or White Light Output) measures the total amount of white light projected in lumens on a nine point grid. It does not measure color.



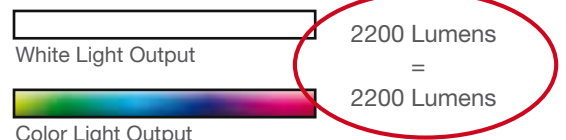
Color Light Output uses 3 sets of a nine-point grid to measure the primary colors - red, green and blue, using the same approach used to measure White Light Output in lumens.

How should Color Light Output be used?

Color Light Output should be used with White Light Output to provide insight into a projector's overall picture quality. Two things to remember:

1. Select High Color Light Output.
2. Make sure the Color Light Output equals the White Light Output.

3LCD Projector
High CLO



Brand X
Low CLO



When selecting a projector, ask for the Color Light Output measurement.

* Actual photographs of images produced by 2 competing projectors run in default mode. Price, Resolution and Brightness (White Light Output) are the same for both projectors.

Epson Revolutionizes Projector Market with 3LCD Technology and Leads as World's No.1* Projector Brand for 10 Consecutive Years!

* Based on independent research by Futuresource Consulting

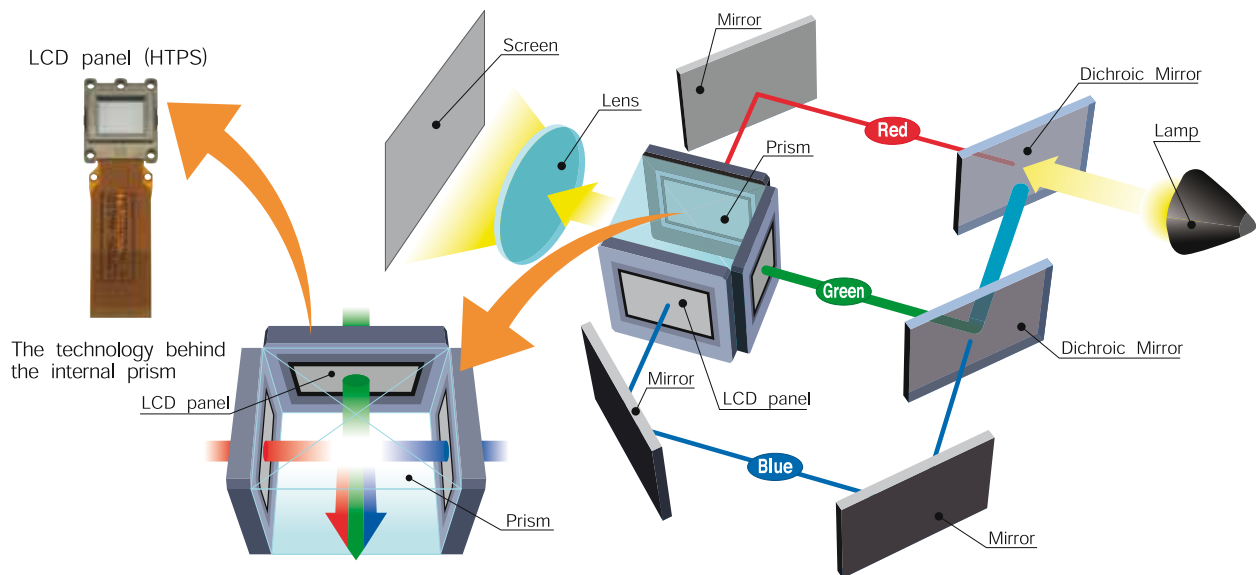
Advantages of 3LCD Projection System

Bright Images and Faithful Color Reproduction

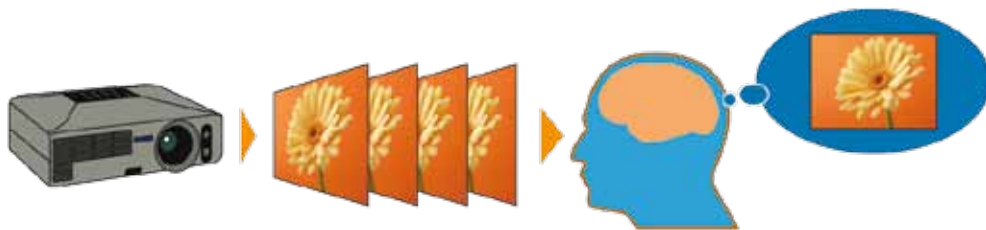
3LCD projectors offer all-time color (Red, Green and Blue) projection thereby ensuring faithful full color reproduction. This is suitable for projection of color intensive images such as videos, photographs and color charts.

Incredible Details

3LCD projectors are able to produce an unparalleled range of grayscale images, which contributes to delivering incredible color images that are smooth and seamless.



3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.



** HTPS (High Temperature Poly-Silicon) is an active matrix transmissive LCD. It is extremely small and produces high-quality images.

Gentle on the Eyes

3LCD projectors' images do not suffer from color break-up (commonly known as the rainbow effect). The projections are easy on the eyes as you will not be affected by any distorted pattern.

3LCD projectors use 3 separate LCD panels to form a continuous image containing all colors (red, blue and green) ensuring smooth video playback, even for rapid-motion images.

Reliable Technology

With more than 70 million 3LCD chips shipped to date, the powerful and road-tested 3LCD projection technology is extremely reliable, and is trusted by many throughout to deliver sharp and true-to-life images.


EH-TW480

SPECIFICATIONS

SUPPLIED ACCESSORIES

Power Cable	1.8m (Black)
Remote Control	With Alkaline AA Battery x 2
Soft Carrying Case	Yes
User's Manual Set	Attached

OPTIONAL ACCESSORIES

Spare Lamp	ELPLP67
Air Filter	ELPAF32

CONNECTOR PANEL

- 1 Audio-L Input
- 2 S-Video Input
- 3 USB (Type A)
- 4 USB (Type B)
- 5 Computer Input
- 6 HDMI
- 7 Audio-R Input
- 8 Video Input

EH-TW480



MODEL NUMBER		EH-TW480
PROJECTION SYSTEM		RGB liquid crystal shutter projection system (3LCD)
SPECIFICATION OF MAIN PARTS		
LCD	SIZE	0.59" with MLA (D8)
	NATIVE RESOLUTION	1280 x 800
PROJECTION LENS	TYPE	Optical Zoom (Manual) / Focus (Manual)
	F-NUMBER	1.58 - 1.72
	FOCAL LENGTH	16.9mm - 20.28mm
	ZOOM RATIO	1 - 1.2
	THROW RATIO	1.30 - 1.56 (Wide-Tele)
LAMP	TYPE	200W UHE (E-TORL)
	LIFE (NORMAL/ECO)	4,000 hours / 5,000 hours
SCREEN SIZE (PROJECTED DISTANCE)		33" - 318" [0.9m - 9.0m] (Zoom: Wide)
		33" - 317" [1.08m - 10.8m] (Zoom: Tele)
BRIGHTNESS		
WHITE LIGHT OUTPUT (NORMAL/ECO)		2,800lm / 2,240lm
COLOR LIGHT OUTPUT (NORMAL/ECO)		2,800lm / 2,240lm
CONTRAST RATIO		3,000:1
VIDEO QUALITY		3D Y/C Separation, Noise Reduction, Motion Compensated Interlace-Progressive Conversion (2-2, 3-2 film detection)
SUPPORTED VIDEO SIGNAL		480i / 576i / 480p / 576p / 720p / 1080i / 1080p NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
COLOR MODE		Dynamic, Living Room, Theatre, Game
INTERNAL SPEAKER(S)		
SOUND OUTPUT		2W Monaural
KEystone CORRECTION		
VERTICAL		±30°
HORIZONTAL		±30° (Slider)
AUTO KEYSTONE CORRECTION		Yes (Vertical: ±30°)
CONNECTIVITY		
ANALOG INPUT	D-SUB 15PIN	1 (Blue)
	COMPONENT	D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)
	COMPOSITE	RCA x 1 (Yellow)
	S-VIDEO	1 Mini DIN
DIGITAL INPUT	HDMI	1 (support HDCP)
AUDIO INPUT	RCA (WHITE/RED)	1 pair
USB INPUT	USB TYPE A	1
	USB TYPE B	1 (USB Display 3-in-1)
CONTROL I/O	USB	USB Type B x 1 (Page Up/Down)
OPERATING TEMPERATURE		5°C - 35°C <41°F - 95°F> (20% - 80% Humidity)
OPERATING ALTITUDE		0m - 2,286m <0ft - 7,500ft> (over 1,500m / 4,921ft : with High altitude mode)
DIRECT POWER ON/OFF		Yes
START-UP PERIOD		About 5 seconds
COOL-DOWN PERIOD		Instant off
POWER SUPPLY VOLTAGE		100V - 240V AC +/- 10%, 50/60 Hz
POWER CONSUMPTION (220-240V)		
LAMP ON (NORMAL/ECO)		270W / 223W
STANDBY (NETWORK ON/OFF)		3.3W / 0.47W
DIMENSIONS EXCLUDING FEET (D X W X H)		228mm x 295mm x 77mm (8.97" x 11.6" x 3.03")
WEIGHT		Approx. 2.3kg / 5.1lbs
FAN NOISE (NORMAL/ECO)		37 dB / 29 dB

EPSON and EXCEED YOUR VISION are registered trademarks 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.

EPSON PHILIPPINES CORPORATION
 8th Floor Anson's Centre
 23 ADB Avenue, Ortigas Center
 Pasig City 1605, Philippines
 TEL: (+632) 706-2609
 FAX: (+632) 706-2665

EPSON Customer Care
 Toll Free: (PLDT) 1800-1069-37766
 (Digitel) 1800-3-0037766
 Metro Manila: (02) 441-9030
 (02) 706-2609 (press 2)
 Website: <http://customer-care.epson.com.ph>
 Email: customer-care@epc.epson.com.ph

Dealer's Stamp



Customer Care
 1800-1069-37766

www.epson.com.ph



Official Partner
 of Manchester United