

EPSON
EXCEED YOUR VISION

HOME CINEMA PROJECTORS



Epson HOME CINEMA

Welcome to the brilliant world of Epson Home Cinema – a world where **innovation, style and sophistication** have been brought together in a range of home cinema projectors, each designed for today's lifestyles.



EMP-TWD1

Designed for incredible simplicity and lifestyle compatibility, the Epson EMP-TWD1 features powerful in-built speakers and its own advanced DVD player. The perfect choice for no-fuss, no hassle home cinema.

Designed and developed by the world leader in high performance 3LCD projectors, the Epson Home Cinema range reflects the enormous advances made by Epson in projector technologies. At every level, from absolute ease-of-use through to dazzling colour and high fidelity audio, the new Epson Home Cinema projectors are literally the shining stars in home entertainment.



EMP-TW20

Stylish and powerful, the Epson EMP-TW20 delivers superb versatility, control and image quality. Designed to meet the requirements of the discerning home cinema enthusiast.



EMP-TW700

The ideal projector for the enthusiast looking to create a home cinema environment that is literally second to none.

Epson Home Cinema Projector **Technologies**

Bringing the home cinema experience to absolute reality demands a level of technology innovation in a range of areas – **innovation that only Epson can deliver.**

3LCD Technology

When it comes to projector technology, image quality is the hallmark of excellence and when image quality is a must, so too is an Epson 3LCD projector. These projectors feature advanced technologies that reproduce beautiful images in bright, natural colours with smooth motion and no colour break-up.



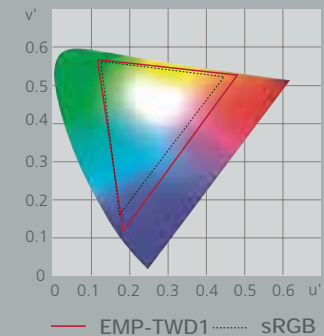
E-TORL Lamps

Light is undoubtedly the most critical element in any projector and Epson's E-TORL (Epson Twin Optimised Reflection Lamp) technology is the leader in its field. Designed to eliminate light leakage and minimise light diffraction, these powerful and innovative lamps are so small and efficient as to be well ahead of their time.

E-TORL

Epson Cinema Filter

An inherent feature in all Epson Home Cinema projectors is a uniquely designed Cinema Filter. Built into the projector's lamp system, the Cinema Filter is a crucial component in achieving wider colour spaces and colour purity.



Absolute simplicity in operation and setup combined with Epson home cinema innovation and quality, the Epson EMP-TWD1 gives you the ability to take the big picture and sound with you wherever you are.

Absolute Simplicity

Just plug in the Epson EMP-TWD1's power cord and the system is ready for use! Forget about complicated cable set ups. With the Epson EMP-TWD1, everything's now so simple that the projector even automatically detects and adjusts the DVD's aspect ratio.

In-Built DVD Player

Underpinning the brilliant versatility of the Epson EMP-TWD1 is the in-built DVD player developed by JVC. The inclusion of a Digital Direct Progressive function and a unique rolling laser pickup ensures incredibly smooth 24 frames per second processing and the virtual elimination of misreading, mistracking and freezing during play.



In-built DVD Player

Automatic Disc Detection

Insert a DVD in your Epson EMP-TWD1 and the projector automatically plays and projects. Then, when it's time just for some music, the unit will automatically detect the CD-Audio and start playing without projecting. It even gives you the option of displaying a slideshow of JPEG images that have been saved to CD.

Cinema Quality Audio

Featuring an in-built dedicated sound system with Direct Drive speakers developed by JVC, one of the world's most renowned audio manufacturers, the Epson EMP-TWD1 delivers powerful, realistic, cinematic sound.



Epson EMP-TWD1
home cinema projector





Epson EMP-TW20
home cinema projector



This sleek and stylish home cinema projector incorporates an enormous number of features that deliver a simply outstanding home cinema experience.

Bright and Sharp

As a result of Epson's unique E-TORL lamp and cinema filter, the Epson EMP-TW20 delivers superb image brightness and colour contrast. Capable of brightness levels of up to 1200 ANSI lumens and a contrast ratio of 1000:1, this high performance projector is an innovation in the world of home cinema.

Six Colour Modes

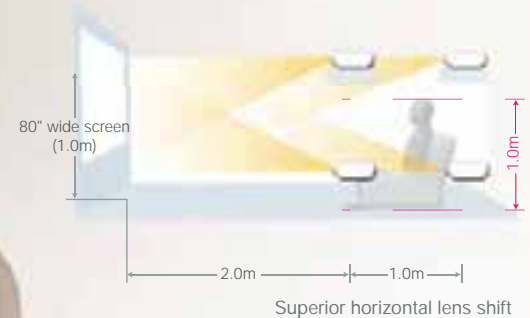
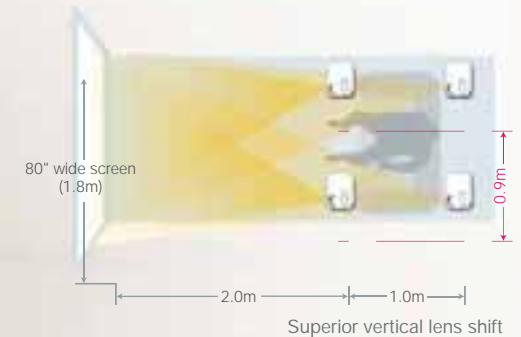
Featuring six separate colour modes, the Epson EMP-TW20 is easily and quickly configured for optimum brightness and contrast in a range of environments. From the Dynamic Colour Mode, ideal for even brightly lit rooms, right down to the 350 lumens Theatre Black 2 mode for the widest colour spectrum, the Epson EMP-TW20 delivers superb image and colour fidelity.

Intuitive Remote Control

Whether your Epson EMP-TW20 Home Cinema projector is ceiling mounted or just on a side table, total control is literally as simple as pressing a button. The projector's ergonomically designed remote control, which features luminous buttons, affords armchair control over everything from keystone correction and colour mode through to video input source selection and volume.

Perfect Positioning

With optical keystone correction of ± 30 degrees, the Epson EMP-TW20 is designed to ensure a square projected image even when positioned at an angle. Added to this is the projector's lens shift feature, which enables the projected image to be shifted vertically by ± 50 per cent and horizontally by ± 25 per cent.



Quite simply the most brilliant Epson Home Cinema projector to date, the Epson EMP-TW700 delivers superior image quality. Featuring improvements on Epson's advanced projector technologies, the Epson EMP-TW700 is the ultimate in home cinema projectors for the discerning consumer.

Superb Colour

With 10-bit colour processing capabilities, the Epson EMP-TW700 can generate 1.07 billion colours. As a result, projected images exhibit beautifully rich expression and wonderfully smooth gradation.

Automatic Contrast Control

One of the major advances in the Epson EMP-TW700 is its Auto Iris feature, which detects the brightness of the image before it's projected. Then, at a rate of 60 times a second, the Auto Iris automatically adjusts the brightness of the lamp, ensuring the best possible contrast ratio – up to 10,000:1.

Seven Colour Modes

In all, the Epson EMP-TW700 has seven distinct colour modes, which control the lamp brightness and cinema filter configuration. This flexibility ensures the projector can be used in virtually any lighting condition with up to 1600 ANSI lumens and still deliver superb colour and image quality.

Super White

For absolute clarity in whites and greys, the Epson EMP-TW700 has been designed with the Epson Super White feature. This innovative technology underpins the projector's ability to display accurately the Super White signals that are increasingly being included in DVDs and television broadcasts.

Noise Shaped Video™

Adding significantly to the Epson EMP-TW700's incredible picture clarity is a 45MHz/10bit Analog/Digital converter that features Noise Shaped Video (NSV)™ technology by ANALOG DEVICES. This innovative technology ensures brilliant image clarity by virtually eliminating signal noise and its resulting image shimmer.

Optimum Aspect Ratio

Featuring an Automatic Aspect Ratio function, the Epson EMP-TW700 can automatically detect and project the best aspect ratio image based on the video input signal.

HDMI

Equipped with an in-built High Definition Multimedia Interface (HDMI), the Epson EMP-TW700 provides a true digital audio and visual experience.



Epson EMP-TW700
home cinema projector



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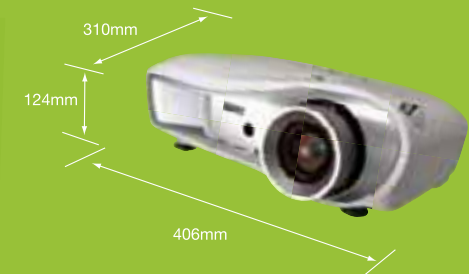
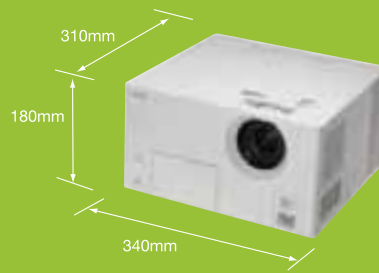
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10/06



EPSON EMP-TWD1 / EMP-TW20 / EMP-TW700

Specifications

MODEL	EMP-TWD1		EMP-TW20		EMP-TW700	
LCD						
ASPECT RATIO	16:9		16:9		16:9	
LAMP						
TYPE	135W UHE Lamp (E-TORL)		135W UHE Lamp (E-TORL)		170W UHE Lamp (E-TORL)	
SCREEN SIZE (PROJECTED DISTANCE)	30" to 300" (0.73m - 7.57m) (Wide; 16:9 image) 30" to 300" (1.11m - 11.37m) (Tele; 16:9 image)		30" - 300" (0.73m - 7.57m) (Wide 16:9 image) 30" - 300" (1.11m - 11.37m) (Tele 16:9 image)		30" - 300" (0.93m - 9.61m) (Wide) 30" - 300" (2.00m - 20.35m) (Tele)	
LENS SHIFT RANGE						
VERTICAL	50% max. (upward), 50% max. (downward)		50% max. (upward), 50% max. (downward)		102.3% max. (upward and downward)	
HORIZONTAL	25% max. (left and right)		25% max. (left and right)		50% max. (left and right)	
BRIGHTNESS						
HIGH BRIGHTNESS MODE	1200 ANSI lumens (Colour mode: Dynamic, Zoom: Wide, Lens shift: Center)		1200 ANSI lumens (Colour mode: Dynamic, Zoom: Wide, Lens shift: Center)		1600 ANSI lumens (Colour mode: Dynamic, Zoom: Wide, Lens shift: Full, Auto)	
CONTRAST	1000:1 (Colour mode: Dynamic, Zoom: Tele, Lens shift: Full)		1000:1 (Colour mode: Dynamic, Zoom: Tele, Lens shift: Full)		10000:1 (Colour mode: Dynamic, Zoom: Wide, Lens shift: Full, Auto iris: on)	
COLOUR REPRODUCTION	Full-colour (16.77 million colours)		Full-colour (16.77 million colours)		10bit colour processing	
ADJUSTMENT FUNCTION	AUTO IRIS				Controlled automatically adjusting to video source. (Available at all colour modes; user selectable ON / OFF on OSD)	
	EPSON SUPER WHITE				Controlled automatically adjusting to video source (Available at Natural / Theatre / Theatre black 1 and 2; User selectable ON / OFF on OSD)	
SOUND OUTPUT			Stereo DD speaker (10W x 2 / 425) Subwoofer 15W (option)			
VIDEO I/O						
INPUT SIGNAL	VIDEO STANDARD	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM		NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM		NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
INPUT TERMINAL	VIDEO	Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN		S-Video: Mini DIN		S-Video: Mini DIN Video: RCA (Yellow) x 1
HDMI						
INPUT SIGNAL	VIDEO STANDARD					525i / 625i / 525p / 625p / 750p / 1125i
	VIDEO SIGNAL					TMDS (TMDS is signal for HDMI)
INPUT TERMINAL	VIDEO					HDMI (High Definition Multimedia Interface) x 1
CONTROL I/O						
SERIAL I/O	I/O TERMINAL			Mini D-sub 9 pin x 1		D-sub 9 pin x 1
	I/O SIGNAL			RS-232c		RS-232c
DVD UNIT						
MEDIA	DVD Video, DVD-R/RW (Video format), Video CD, Super Video CD, AudioCD, MP3 (CD-R/RW), WMA (CD-R/RW), JPEG (CD-R/RW)					
AUDIO FORMAT	DTS, Dolby 5.1					
FUNCTION	Tray lock, Sleep timer, Auto standby, etc. Dimmer (2 step, On / Off / Auto, FL & LED)					
DIMENSIONS						
EXCLUDE FEET (D x W x H)	310mm x 340mm x 180mm		295mm x 373mm x 111mm		310mm x 406mm x 124mm	
WEIGHT	7.0Kg		3.5Kg		5.4Kg	
OPTIONAL ACCESSORIES						
SPARE LAMP	V13H010L33		V13H010L33		V13H010L39	
SUBWOOFER	V12H213053					

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