

you
+
hp



Home Cinema. Redefined.

World's first digital projector with integrated DVD player, subwoofer and 2.1 surround sound*



Movies at home will never be the same

With widescreen and stereo surround sound capabilities, the HP ep9012 Instant Cinema Digital Projector is the world's first digital projector with integrated DVD player, subwoofer and 2.1 surround sound. Now you can have a complete big screen cinema experience with you wherever you go, whether it's to the next room or to the next outdoor event.





Experience a complete digital home theatre

Bring the big screen box-office theatre experience into your living room. Crystal clear digital widescreen images are complemented by a subwoofer-equipped audio system for added bass punch. The built-in DVD player maintains digital clarity throughout the life of the product and offers support for both DTS and Dolby 5.1 playback.

Complete your home cinema experience with HP.

Styled to impress

To house this technological wizardry, HP has designed a futuristic, hi-tech body. Sleek, curved lines evoke a sense of understated technological superiority, easily blending in with chic, contemporary home interiors.

Style and substance come together to impress your audience.

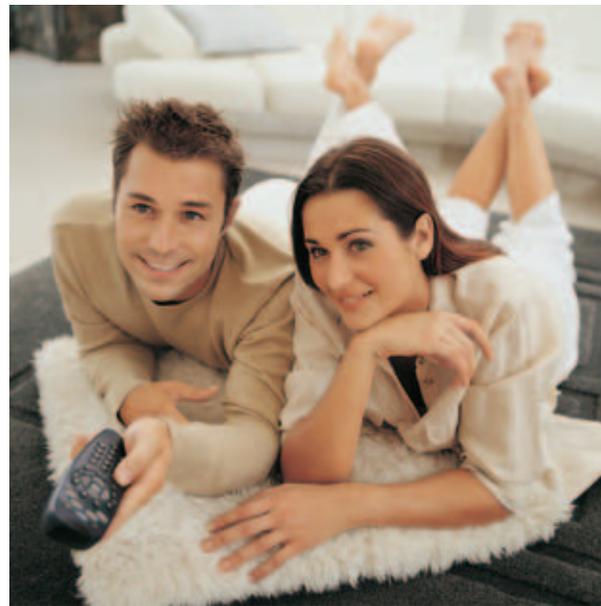
A digital feast for the eyes

The high-quality DLP™ technology used in the HP ep9012 Instant Cinema Digital Projector, HP ep7112 and ep7122 Home Cinema Digital Projectors is a true wonder. Be amazed by razor sharp digital performance that is robust and long-lasting.

Say goodbye to faded movies and washed out colour.



The DLP™ logo and DLP™ medallion are trademarks of Texas Instruments.



“With the HP ep9012, I can bring my home theatre system whenever and wherever my friends get together for fun and excitement.”

Every time there’s a party, Ryan’s friends and family know just whom they can rely on to provide widescreen projection, complete digital, home theatre entertainment. With built-in subwoofer and stereo speakers and DVD player, the HP ep9012 Instant Cinema Digital Projector lets Ryan bring fun and excitement right along with him.



HP ep9012 Instant Cinema Digital Projector

Lights! Sound! Action! Complete cinema experience in your home

The HP ep9012 Instant Cinema Digital Projector is a high-quality DLP™ widescreen digital projector, stereo speakers with subwoofer and a DVD player in one seamless whole. Just pop a DVD into the built-in DVD player and transform a humble room into a widescreen theatre.

Durable and superior image quality —DLP™ technology

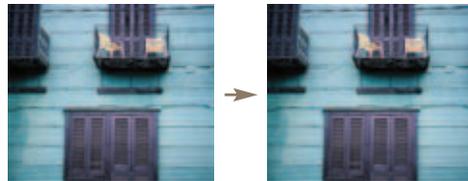
Using Digital Light Processing™ (DLP™) technology, the HP ep9012 Instant Cinema Digital Projector produces razor-sharp, crystal clear images. Robust and extremely resistant DLP™ components make the HP ep9012 Instant Cinema Digital Projector more durable and long-lasting compared to LCD projectors¹.

True-to-life colours—HP six-segment colour wheel

HP Home Digital Projectors image quality doesn’t just stop at DLP™ technology. HP’s six-segment colour wheel delivers a superior spectrum with excellent brightness for deep, saturated colours. The deeper colour spectrum gives depth and vibrancy to HP’s reds and blues, so you can expect to get rich, vivid big-screen image reproduction. That means excellent theatre video performance with clean, natural images and true-to-life colours. What’s more, with the built-in 840 ANSI (max) lumens lamp, you can be assured that the projector will produce bright and clear projection.

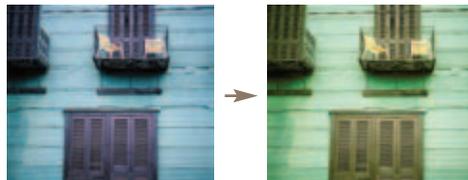
¹ In tests conducted by the Munsell Color Science Laboratory at Rochester Institute of Technology, projectors were operated continuously for 4,000 hours. The five Liquid Crystal Display (LCD) technology projectors experienced significant and unacceptable degrees of failure, including falling contrast, colour shifts and visible picture defects. These failures were not recoverable by replacing the lamp module.

In contrast, the DLP™ projectors tested maintained consistent contrast, colorimetry and picture quality after 4,000 hours of continuous operation.



DLP™ at 24 hours

DLP™ at 3312 hours



LCD at 24 hours

LCD at 3312 hours

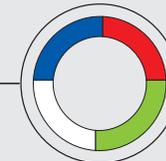
Picture reliability comparison—DLP™ vs. LCD



HP six-segment colour wheel technology



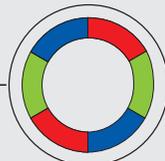
Colours are less vibrant, especially yellows



Standard four-segment colour wheel



Richer viewing experience with vibrant reds, blues and yellows



HP's six-segment colour wheel



Superior audio with built-in subwoofer and 2.1 sound system



Play DVDs, VCDs and mp3 CDs with the built-in DVD player

DVD playback... and more

Play DVDs straight from the projector, with support for DVD-video and DVD±R/RW. But that's not all. You also get flexibility with support for VCD, SVCD, CD-R, CD-RW, CD-audio and mp3-audio playback. In addition, you will have the ability to display your jpeg digital image files as a slideshow, straight off the disc.

Cinematic sound experience

Complete your home theatre experience with the built-in 2.1 stereo sound and subwoofer system. 20-watt stereo with two speakers per channel (facing front and rear) and a 30-watt subwoofer provide big, pulse-pounding sound to match the widescreen visuals. Or just be blown away by awesome sound while playing your audio or mp3 CDs.

Need more audio punch? Support for 5.1 playback is included. Just plug it into your DTS or Dolby Digital 5.1-enabled home theatre system and hold on to your seats!

All the connections you need

The HP ep9012 Instant Cinema Digital Projector is equipped with S-video, composite video, component video, PC DVI and VGA (via adaptor provided) inputs and best of all, it is HDTV-ready.

Easy plug-and-play

Go anywhere, set up in record time. Just plug the power cable into a power socket and start the action with a DVD of your choice.

Attention to detail

Never lose the lens cap; it's integrated and slides into the body during operation. At 34 dB(A), the HP ep9012 Instant Cinema Digital Projector is whisper quiet. You will also appreciate other friendly details like the front-loading 4,000-hour lamp for easy lamp replacement and the integrated handle for convenient carrying.



Read your jpeg images right off the disc and showcase them in slideshow or thumbnail format



Bring a complete 2.1 digital home theatre with you



More than just a digital projector

“The widescreen HP ep7122 lets me share my home theatre experience with more friends and family.”

Once Max brought home his new digital projector, he knew he had found a match for his home theatre. Complementing Max's home theatre set-up perfectly, the HP ep7122 Home Cinema Digital Projector brings his living room viewing to new heights.

Now he can invite more than just a couple of friends over to share in glorious widescreen entertainment. Sporting events, movies and even console gaming will never be the same again.



HP ep7112 and ep7122 Home Cinema Digital Projectors

Large screen entertainment in the comfort of your living room

With the HP ep7112 and ep7122 Home Cinema Digital Projectors, it's easy to turn your normal home theatre system into great widescreen fun for friends and family.

DLP™ technology—professional cinema projection in your home

The HP ep7112 and ep7122 Home Cinema Digital Projectors with DLP™ technology produce long lasting vibrant, high quality images. Coupled with HP's six-segment colour wheel and 1020 ANSI (max) lumens¹, you will be amazed by rich life-like video performance throughout the lifetime of your projector.

Ease of use

Operating the HP ep7112 and ep7122 Home Cinema Digital Projectors is a breeze. Thanks to features like the integrated sliding lens cap and front-loading lamp module. With 4000 hours of lamp life, it's cost effective to enjoy your favourite movies and games too.

Make the most of your home theatre system

Add a whole new level of visual excitement to your home theatre with the HDTV-ready HP ep7112 and ep7122 Home Cinema Digital Projectors. S-video, composite video, component video, PC DVI² and VGA² (via adaptor provided) inputs give you easy connectivity to VCRs, gaming consoles, desktops, laptops and full-scale home theatres for widescreen movie viewing.

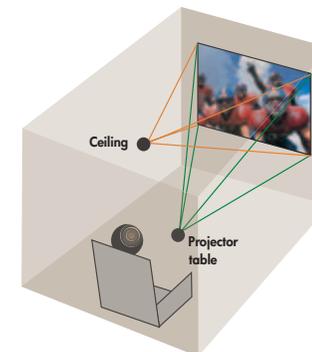
Flexible installation

With flexible mounting option and 1 – 10-meter (3.3 to 33 feet) throw distance, you can integrate the HP ep7112 and ep7122 Home Cinema Digital Projectors easily and unobtrusively into your current home theatre set-up.

¹ 840 ANSI (max) lumens for HP ep7112 Home Cinema Digital Projector.

² Not available on the HP ep7112 Home Cinema Digital Projector.

The optional ceiling mount (sold separately) provides flexible mounting options



Add a touch of class with the stylish ceiling mount



Widescreen projection multiplies your viewing enjoyment



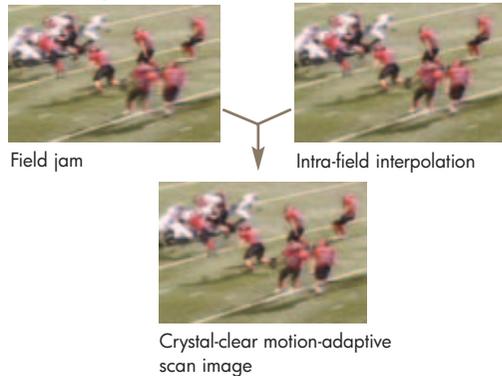
The more the merrier—share the fun with more friends and family



Direct access buttons make controlling and setting up the digital projector a breeze

HP gives your senses a thrilling ride with superior Digital Light Processing™ (DLP™) technology and more

1. DLP™ TrueVision™ Image Processing combines field jam and intra-field interpolation for optimal video performance



3. Adaptive 3D video noise reduction



2. Film mode



4. Edge-adaptive interpolation



DLP™ TrueVision™ Image Processing de-interlacer functions for greater image quality

Consistent, quality images, time after time with TrueVision™ Image Processing

To give you crisp, sharp graphics time after time, movie after movie, HP has incorporated the latest DLP™ features into the HP ep9012 Instant Cinema Digital Projector and HP ep7112 and ep7122 Home Cinema Digital Projectors. With DLP™ technology, you will get the best picture with unmatched clarity and video fidelity.

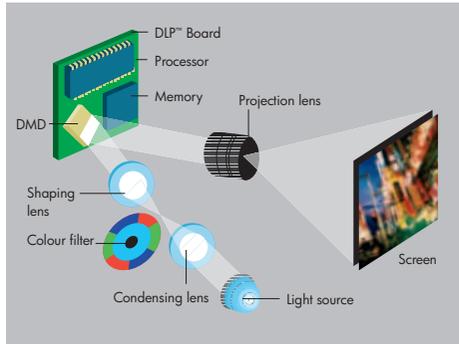
DLP™ TrueVision™ Image Processing de-interlacer functions offer features like:

- Motion-adaptive scan rate conversion
- Film mode
- Adaptive 3D video noise reduction
- Edge-adaptive interpolation

So you can look forward to smoother images and graphics throughout the life of the projector.

¹ Image shown for illustrative purposes.

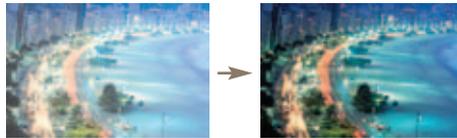




DLP™ Technology and HP six-segment colour wheel

The combination of these advanced technologies, together with HP's deep understanding of colour science and technology, allow HP Home Digital Projectors to produce vivid, lifelike colours and reveal crisp details and rich textures.

Technology that delivers impactful theatre video performance



Low contrast

1600 : 1 contrast

Vibrant, colourful images

1600:1 contrast ratio produces greater colour definition for colours that are richer and more vibrant, so you get more accurate and life-like pictures.

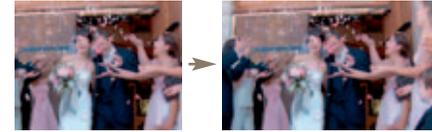
Get vibrant images with high 1600:1 contrast



Squaring the corners

HP Home Digital Projectors with DLP™ TrueVision™ Image Processing have scaling engines which allow vertical keystone correction of up to $\pm 20^\circ$, so that you have square, undistorted images when projecting at an angle.

Convenient image adjustment with advanced electronic keystone correction feature



4:3 aspect ratio

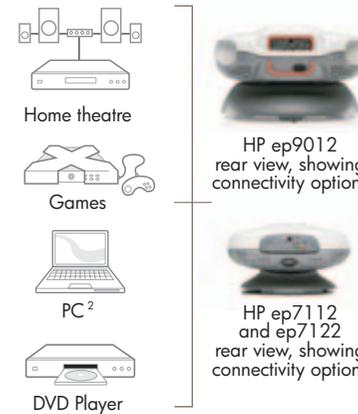
16:9 widescreen

Widescreen wonder

View your movies in full cinematic splendour. With the default 16:9 widescreen capability on these HP Home Digital Projectors (4:3 aspect ratio selectable), you don't miss any peripheral detail while watching wide-format movies.

¹ Native resolution of the HP ep7122 Home Cinema Digital Projector is XGA.

SVGA¹ resolution with default 16:9 setting



All the right connections

Connect your HP ep9012 Instant Cinema Digital Projector, HP ep7112 and ep7122 Home Cinema Digital Projectors to a wide range of electronic devices, with the comprehensive suite of connectivity options.

² HP ep7112 Home Cinema Digital Projector can only connect to PCs with video-out, via S-video connector.

Connect the projectors to your game console and other devices easily

Remote convenience

The handy remote control adds a whole new level of viewing convenience, allowing you to control the action from the comfort of your sofa.



Remote control for easy access

Accessories

Maximise the capabilities of your HP Home Digital Projectors with our comprehensive range of optional accessories and peripherals, sold separately.

HP ep9012 Instant Cinema Digital Projector and
HP ep7112 and ep7122 Home Cinema Digital Projectors



Mobile 50-inch (4:3) screen (L1671A)



HDTV mobile 60-inch (16:9) screen (L1740A)



HDTV mobile 80-inch (16:9) screen (L1741A)



Lamp Module (L1731A)



(L1710A)



(L1711A)

HP ep9012 DVD Function Home Remote Control and HP ep7100 series Home Remote Control



S-video 20' Cable (L1715A)



HP ep7100 series Ceiling Mount (L1733A)



DVI to VGA Adaptor (L1718A)



Roller-case (L1732A)—
only for HP ep9012 Instant Cinema Digital Projector

HP Home Digital Projectors

Technical specifications

HP ep9012 Instant Cinema Digital Projector (L1752B/C/D/E/F)*



HP ep7112 Home Cinema Digital Projector (L1750A)



HP ep7122 Home Cinema Digital Projector (L1751A)



Display technology	Texas Instruments Digital Light Processing™ (DLP™)		
Image contrast	1600:1 (full-on/full-off)		
Resolution	800 x 600 True SVGA		1024 x 768 True XGA
Brightness	840 ANSI (max) lumens		1020 ANSI (max) lumens
Projected image			
Size	Adjustable from 0.94 to 2.8 m diagonal (37 to 110 inches)		
Uniformity	+30 to -40% ANSI		
Throw distance	Approximately 1 to 10 m (3 to 33 ft)		
Projection offset	128% of image above the center line		
Projector lens	F/2.4 max, 1.16:1 manual zoom focus		
Keystone correction	Vertical +/- 20° (40° total)		
Video capability	S-video, composite, component, HDTV (up to 1080i)		
Scalable resolution	Native SVGA (800 x 600)—scales up from VGA (640 x 480) and scales down from XGA (1024 x 768)		Native XGA (1024 x 768)—scales up from SVGA (800 x 600) and scales down from SXGA (1400 x 1050)
Video formats	NTSC M (3.58 MHz), 4.43 MHz; PAL B, D, G, H, I, M, N; SECAM B, D, G, K, K1, L; DTV 480i, 480p, 720p, 1080i, 576p; V-chip and closed captioning not supported		
Audio	2.1 internal speakers (L/R/subwoofer), internal 30 W amplifier (5 x 5 x 20), relative volume control, system response: 50 Hz – 20 KHz, >70dB(A) S/N, <1% THD, stereo sound via headphone-out	One 5-watt integrated speaker	
Noise level	< 34 dB(A) at 23° C		
Lamp life	4,000 hours		
Light source	210-watt lamp		
Input connections	1 Composite video input (RCA x 1); 1 S-video input (Mini DIN 4-pin x 1); 1 Component video Input (RCA x 3); DVI-I (with HDCP); L/R audio in (RCA x 2); USB for service upgrades; subwoofer volume control	1 Composite video input (RCA x 1); 1 S-video input (Mini DIN 4-pin x 1); 1 Component video Input (RCA x 3); L/R audio in (RCA x 2)	1 Composite video input (RCA x 1); 1 S-video input (Mini DIN 4-pin x 1); 1 Component video Input (RCA x 3); DVI-I (with HDCP); L/R audio in (RCA x 2)
Output connections	5.1 digital audio output (RCA x 1); L/R audio out (RCA x 2); stereo headphone jack (mutes built-in speakers)		
Detection of computer input signal	Automatic		
Computer compatibility	Via DVI-to-VGA adaptor; S-video	Via S-video only; PC must have video out	Via DVI-to-VGA adaptor; S-video
Image synchronisation	Automatic		
Menus	User-friendly multilingual On Screen Display (OSD)		
Remote control	Wireless remote for basic functionality with DVD control	Wireless remote for basic functionality	
Tilt angle	+/- 10°; 2° minimum		
Weight	10 kg (22 lb)	5.7 kg (12.5 lb)	
Dimensions (w x d x h)	524 x 400 x 320 mm (20.6 x 15.7 x 12.6 inches)		386 x 365 x 205 mm (15.2 x 14.4 x 8.1 inches)
What's in the box	HP ep9020 Instant Cinema Digital Projector, power cord (3 m, 10 ft), DVI-VGA adaptor, wireless remote control, multilanguage User's Guide (CD-ROM), multilanguage Quick Start Card, battery x 2, warranty card	HP ep7112 Home Cinema Digital Projector, power cord (3 m, 10 ft), wireless remote control, multilanguage User's Guide (CD-ROM), multilanguage Quick Start Card, battery x 2, warranty card	HP ep7122 Home Cinema Digital Projector, power cord (3 m, 10 ft), S-video and composite video cables (6 m, 20 ft), DVI-VGA adaptor, wireless remote control, multilanguage User's Guide (CD-ROM), multilanguage Quick Start Card, battery x 2, warranty card
Warranty	One-year limited hardware warranty on digital projector		

* L1752B—Code 2 (Japan); L1752C—Code 3 (South East Asia, Hong Kong, Taiwan, Korea); L1752D—Code 4 (Australia, New Zealand); L1752E—Code 5 (India); L1752F—Code 6 (China)

Other HP digital projectors
for your business needs

Technical specifications

	Mobile			Versatile	Conference	
						
	HP Digital Projector sb21	HP mp3222 Digital Projector	HP Digital Projector mp3130	HP Digital Projector vp6110/6120	HP Digital Projector xp8010	HP Digital Projector xp8020
Requirements	I need HP's smallest, lightest and most compact digital projector	I need a quality solution that provides outstanding price-to-performance, ease of use, image quality and mobility	I need a mobile projector with wireless connectivity and networking options	I need an affordable, versatile projector for use in a classroom, at home or office	I need a projector for use in large auditoriums and conference rooms	I need a powerful projector capable of wireless/wireline networking and connectivity features for use in large auditoriums or conference rooms
Special features	<ul style="list-style-type: none"> • Ultra light 1 kg weight • Small A5 sized footprint • Easy to use • Wireless remote control with laser pointer • Designer carrying case 	<ul style="list-style-type: none"> • 1.2x manual zoom • Credit-card style remote • LED illuminated controls • Easy-access lamp module • 5-segment colour wheel 	<ul style="list-style-type: none"> • Wireless and media card connectivity with optional Smart Attachment Module (SAM) • Unique space saving tower design • Versatile performance • Outstanding image/colour quality • Rugged and reliable 	<ul style="list-style-type: none"> • Theatre mode for high colour • Automatic input detection • Picture-in-picture feature • Robust design • Simple to use 	<ul style="list-style-type: none"> • Dual colour wheel system with 3 video modes for maximum flexibility • Remote management • Optional Advanced Connectivity Module • Anti-theft system • Comprehensive input connections • Optional lenses 	<ul style="list-style-type: none"> • Dual colour wheel system with 3 video modes for maximum flexibility • Wireless presentation capabilities • Advanced remote management • Sophisticated anti-theft system • Presentation from media cards • Comprehensive input connections • Optional lenses
Projection system	Digital Light Processing (DLP™)	Digital Light Processing (DLP™)	Digital Light Processing (DLP™)	Digital Light Processing (DLP™)	Digital Light Processing (DLP™)	Digital Light Processing (DLP™)
Brightness (peak lumens)	1000	2000	1800	vp6110: 1500 vp6120: 2000	2600/3600 in greyscale	3100/3750 in greyscale
Resolution (native)	SVGA (800 x 600)	XGA (1024 x 768)	XGA (1024 x 768)	vp6110: SVGA (800 x 600) vp6120: XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)
Contrast (full-on/full-off)	1800:1	2000:1	2000:1	2000:1	800:1	1000:1
Lamp life (hours)	2000	2000 (up to 3000 —economy mode)	2000 (up to 4000 —lamp saver mode)	2000 (up to 3000 —lamp saver mode)	2000 (up to 4000 —lamp saver mode)	2000 (up to 4000 —lamp saver mode)
Weight	1.0 kg	1.7 kg	1.5 kg	2.9 kg	6.0 kg	6.1 kg
Warranty (pick up & return)	2 years	3 years	2 years	2 years	3 years	3 years
Noise level dB(A)	35	37, 35 in economy mode	37, 35 in economy mode	36, 34 in economy mode	32 ± 2 dBA	32 ± 2 dBA
Model number	L1510A	L1742A	L1599A	vp6110: L1595A vp6120: L1596A	L1575A	L1576A
Features	Image optimisation selector lets you choose between maximum brightness or maximum colour saturation, optional ceiling mount bracket	Image optimisation selector, VGA/Composite/S-video/audio inputs, vertical keystone correction, ceiling mountable	Automatic vertical keystone correction, optional ceiling mount bracket, optional SAM module for USB port, wireless, network and CompactFlash card support	Image optimisation selector, component video connector, optical zoom lens	Seven video connections with switched audio; LAN and RS-232 control; two built-in 5-watt stereo speakers; optional short and long throw bayonet mounted lenses	Seven video connections with switched audio; LAN and RS-232 control; two built-in 5-watt stereo speakers; optional short and long throw bayonet mounted lenses



© 2004 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

www.hp.com/homeprojectors

Printed in Singapore, 2001-3875-EEP, 10(rev 1)/2004

