HP ep7100 Home Cinema Digital Projector Series

HP's range of dedicated home cinema digital projectors, delivering a big screen experience with superior image quality, life-like colours and above average contrast while at the same time being intuitive and easy to use.

HP ep7112 Home Cinema Digital Projector

HP ep7122 Home Cinema Digital Projector

Designed for movie enthusiasts who are looking for a stylish home cinema projector which provides significantly better image quality, ease of use and colour stability than other conventional or multipurpose projectors.

Outstanding image quality with crystal clear projection and truly life-like colours

- 16:9 widescreen and 4:3 display capability.
- Crystal clear and sharp SVGA or XGA resolution (800 x 600/1024 x 768 pixels).
- Outstanding contrast of 1600:1 for eye-catching and detail rich images.
- Video optimised 6 segment colour wheel producing significantly more accurate and realistic colours than comparable multipurpose or business projectors.
- High-quality video processing for a smooth, flicker-free image and a reduction of potential image noise and disturbing interpolations.

Enjoy the easy and intuitive way to control and install these high-tech projectors.

- Advanced electronical keystoning let's you easily compensate vertical image distortion when the projector is used at an angle to the screen.
- Buttons on the back-lit remote control are organised in the same way as you will find them on the projector.
- Change between different video modes with one button.
- The optical zoom allows you to create a diagonal image size of 2 m at a distance of only about 3 m.

Experience HP reliability and long term durability.

- Extra long 4,000 hours lamp life.
- Features latest DLP™ technology preventing the colour degradation experienced over time with LCD projectors.
- Ready for future High Definition TV (HDTV).
- High-quality Carl Zeiss* lens.

*Optics by Carl Zeiss is a trademark of Carl Zeiss Inc.

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Technical specifications

Image contrast	1600:1 JBMA full-on/full-off
Display resolution	HP ep7112: True SVGA (800 x 600 pixels) with 16:9 widescreen and optional 4:3 display capability HP ep7122: True XGA (1024 x 768 pixels), with 16:9 widescreen and optional 4:3 display capability
Resolutions supported through scaling	HP ep7112: Scales up from VGA (640 x 480) and scales down from XGA (1024 x 768) HP ep7122: Scales up from VGA (640 x 480) and scales down from SXGA (1268 x 1024)
Image technology	HP ep7112: DLP™ with 0.55" 12 degree tilt DMD and video optimised 6 segment (RGBRGB) colour wheel HP ep7122: DLP™ with 0.7" 12 degree tilt DMD and video optimised 6 segment (RGBRGB) colour wheel
Brightness	HP ep7112: 840 (max) ANSI lumens HP ep7122: 1020 (max) ANSI lumens
Noise level	< 34 dB(A) at 23° C
Dimensions (w x d x h)	Out of package: 386 x 365 x 205 mm, packaged: 641.4 x 558.8 x 278.6 mm
Weight	Out of package: 5.7 kg, packaged: 9.3 kg
Colour	24-bit, 16.7 million colours
Uniformity	80%
Projector colour coordinates of white point	0.283, 0.304
Lens	F/2.4 max, 1.16:1 manual Zoom Focus
Projection size	Adjustable from 0.8 to 6.9 m (diagonal)
Throw distance	Approximately 1 to 10 m
Display scan frequency	Horizontal frequency: 31-60 kHz, vertical frequency: 43-85 Hz
Offset	128% of image above the centre line
Keystoning	Vertical ± 20° (40° total) Advanced electronic keystone correction
Signal interface	Via DVI-to-VGA adapter: XGA, SVGA, VGA, Mac, SXGA, Mac LC 13 in, Mac II 13 in, Mac 16 in, Mac 19 in, Mac G4, i Mac DV
User interface	Wireless remote for basic functionality Lamp broken: red; temperature warning: red; power: blue User-friendly multilingual On Screen Display (OSD) Lens cover control
Certifications	EU (EMC Directive), USA (FCC Rules), Australia (ACA), New Zealand (MoC), Canada (DoC), China (Requirements for Class B Products, Class A when connected to LANs), Japan (VCC registered), Korea (RRL certified), Taiwan (BCIQ certified)
Adjustable features	Brightness, Contrast, Sharpness, Color saturation, Tint, Color space, Color settings, Keystone, Wide-screen mode, Picture mode, Standby lamp delay
Speakers/microphone	Monaural speaker, 5-watt peak output
Video compatibility	NTSC 3.58 MHz and 4.43 MHz; PAL B, D, G, H, I, M, N; SECAM B, D, G, K, K1, L; HDTV (480i/p, 575i/p, 720p, 1080i)
External I/O Ports	Composite Video Input (RCA x 1) S-Video Input (Mini DIN 4-pin x1) Component Video Input (RCA x 3) Stereo-in (RCA x 2) USB for service upgrades DVI-I Input*
Power requirements	Universal AC 90-265 V, 47/63 Hz with PFC that meets EN 61000-3-2 Class D for input harmonics
Power consumption	100 to 240V at 50 to 60 Hz
Lamp	210-watt lamp; 4,000 hours lamp life
Operating environment	Environmental ranges: operating temperature: 10 to 40° C, operating humidity: 20 to 80% RH, storage temperature: 20 to 60° C, storage humidity: 20 to 80% RH
Mounting capability	Yes, with optional HP ceiling mount
Warranty	One-year limited hardware warranty on digital projector; one-year limited hardware warranty on lamp module or 1,000 lamp hours (which ever comes first)
Service & support	24/7 free email/web support and free telephone support for basic set-up, installation, and troubleshooting in EMEA during and out of warranty; calls will be charged at standard phone rates

*HP ep7122 Home Cinema Projector only

Ordering information

L1750A	HP ep7112 Home Cinema Digital Projector, AC 3-conductor power cord (3 m, 10 ft), wireless remote control, 6 m composite video cable, 6 m s-video cable, multi-language user's guide (CD-ROM), multi-language quick start card, battery x 2, warranty card
L1751A	HP ep7122 Home Cinema Digital Projector, AC 3-conductor power cord (3 m, 10 ft), wireless remote control, 6 m composite video cable, 6 m s-video cable, multi-language user's guide (CD-ROM), multi-language quick start card, battery x 2, warranty card

Cables

L1714A	HP HDTV (RGB) 6 m Cable
L1715A	HP S-Video 6 m Cable

Digital Imaging Accessories

L1717A	HP SCART to Composite/ S-Video with Audio Adapter
L1718A	HP DVI to VGA Adapter*
L1731A	HP ep7100 series/ep9012 Lamp Module
L1733A	HP ep7100 series Ceiling Mount
L1740A	HP HDTV Mobile 60-inch Screen
L1741A	HP HDTV Mobile 80-inch Screen

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Optional warranty extension

U4802E	3 years Unit Exchange
U8136E	3 years Repair & Return
U8228A	2 years Unit Exchange

http://www.hp.com

For more information, please call your local HP sales office or representative: **Austria:** 0800 242 242, **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (078) 15 20 30 (0.0496 EUR/min), **Bulgaria:** (+359) 2960 1940, **Croatia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 261 108 108 (Prague), **Denmark:** 48 12 10 00, **Egypt:** 532 5222, **Estonia:** (+372) 6813 823, **Finland:** (+358) 0205350 or 0205 350, **France:** 0 826 800 400, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** 8 800 10000 or 8 5 2103333, **Luxembourg:** (+352) 263 160 34, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia: 0-800 122 622, **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Serbia/Montenegro:** +381 11 201 99 00, **Slovakia:** +421-2-50222111, **Slovenia:** +3861 2307 420, **South Africa:** 0800 118 883, **Spain:** (91) 634 88 00, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20.

DLP™ technology by Texas Instruments offers crystal clear images with superior quality

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