

The best digital cinema performance

You love big pictures but know it is all in the detail. The High Definition detail you've never seen before in your favourite film. Detail that captivates and enthralls- every tiny detail larger than life with electrifying, perfectly balanced color and crystal clarity. See the movie as it was intended to be seen.

Pure color & impeccable details on the big Screen

Masterly collaborated with HD Ready 720P DLP® Technology from Texas Instruments, the Optoma HD75 home cinema projector delivers unparalleled picture quality and crystal clarity in its class. The Color Enhancement technology used in the HD75 surrenders a brilliant 1400 Lumens image with perfectly balanced vivid color enabling quality viewing in ambient light condition.



A new kind of TV

Use this projector like a TV, even the largest big screen TVs will seem small by comparison; the HD75 can produce a 80" image at 2.75m on your wall. Immerse yourself in HD movies from the latest HD disc players and blast life-size HD characters; the HD75 is at home as the centre piece of a Home Cinema installation.

Comprehensive connectivity

With near silent operation, 2 digital HD inputs, 2 Analog HD inputs*, a 12 volt screen trigger and the option to remotely control via the RS232 interface, Home Cinema automation is complete. Alternatively use the HD75 as a portable device with the convenience of built-in audio-great for hassle-free occasional use. HDMI and superwide mode (2.35:1) are applied with ultimate ease; get both image and sound from the same cable to produce a spectacular HD experience at a friend's house or gaming events in the kids' bedrooms.

*via VGA to component adaptor

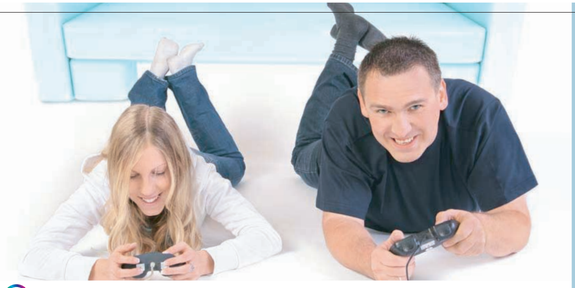
Optoma guarantees color quality will remain as new for 10 years

For Home Cinema color accuracy is critical, we are so confident that the HD75 color will not change in use that we have guaranteed it will stay the same as the day you bought it, for at least ten years. Unlike competing analogue technologies, the semiconductor that makes DLP® projection possible is virtually immune to environmental factors that can cause an image to degrade over time. Run continuously for 4,000 hours in an independent laboratory test, projection systems using DLP® technology maintained their picture quality throughout while data projectors using LCD technology exhibited considerable picture degradation by 2558 hours on average.



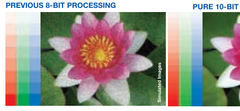
• Conducted by the Rochester Institute of Technology's Munsell Color Science Laboratory and sponsored by Texas Instruments. The test included a sample of commercially available data projectors, five featuring LCD technology and two featuring DLP® technology. The projectors varied in features such as panel size, weight, resolution and brightness. All units were run in a continuous operation mode at an ambient room temperature of approximately 25°C.

• Optoma guarantee that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault.



True 10 BIT DIGITAL PROJECTION

Currently filmmakers record and process movies at greater color depths than most consumer Home Cinema equipment can reproduce. Movie studios have had to reduce the color depth of their films for home distribution so they are compatible with Home Cinema equipment. The pure 10 bit digital signal path of the HD75 paves the way for movie and gaming content to be displayed in a virtually lossless form producing a level of visual acuity and realism never seen before in the home.





Deep Color™ HDMI 1.3

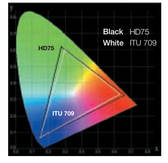
The latest 10 bit HDMI technology adds high definition color to high definition images producing stunningly natural, vibrant color.

- HDMI 1.3 supports 30-bit, (10 bits per channel RGB or YCbCr) color depths,up from the old 24-bit depths in previous HDMI inputs - displays billions instead of millions of colors
- Eliminates on-screen color banding, for smooth tonal transitions and subtle gradations between colors
- Increased contrast ratio – offering improved light and shade detail
- Enables better greyscale performance

CIE color gamut chart

Advanced Optoma color wheel technologies enable the HD75 to reproduce a color gamut that exceeds the standard ITU 709 color specifications. The result is brilliant, natural lifelike colors.

HD75 Color Performance



ImageAI™

HIGH LUMENS ALONE

Increases clarity in lighter areas...



But makes dark areas wash out

HIGH CONTRAST ALONE

Increases details in darker areas...



But makes lighter

ONLY ImageAI™ GIVES YOU BOTH!

HIGH 1400 LUMENS
for amazing clarity in light image areas



PLUS

HIGH 5000:1 CONTRAST
for details in dark areas and shadows



ImageAI™ "Image Artificial Intelligence"
Optoma's auto adjusting light intensity output delivers both high brightness and stunning contrast

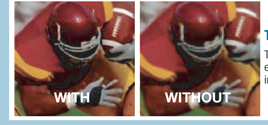
Image and color enhancement technologies



Optoma Color Enhancement Technology™
Advanced color processing for bright, vibrant, deep saturated color for lifelike reproduction.



TrueVivid™ Image Processing
TrueVivid™ processing enhances image quality by increasing the depth of field for natural realistic looking images.



TrueVision™ Technology
TrueVision™ deinterlacing technology eliminates jagged edges enabling the projector to deliver stunning cinema like images with exceptional picture quality.