

Rich blacks are the key to stunning images.

To give you the pleasure of enjoying images with more vividness and depth,

Mitsubishi focused on improving black reproduction.

The contrast ratio is a stunningly high 14000:1, and excellent responsiveness ensures quick and smooth transitions between bright and dark scenes.

The auto-iris function brings the rich, deep blacks to life.

The lens also has a motorized zoom focus function that is unique among projectors in this price class.

The HC5500 delivers performance to rival its more expensive cousins.



NEW HC5500



Featuring our newly developed auto-iris algorithm that enables control in increments as swift as 1/60 of a second

The Mitsubishi HC5500 offers a swift auto-iris control algorithm that is often found in higher priced models. It automatically controls the light intensity on the pixel level of each screen displayed in high precision and speed for swift transitions from scene to scene.

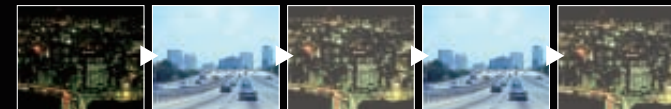
With this breakthrough, the Mitsubishi HC5500 gives instant tracking capacity that tones down dark scenes to black levels even when the scene sequence is set against a backdrop of continuous bright-dark scene changes. This faithfully reproducing every scene detail with vivid clarity.

The auto-iris coupled with the original contrast control featured in Mitsubishi HC5500, you are sure to have the richest blacks, the brightest whites, and the vivid richness of all the colors in between.

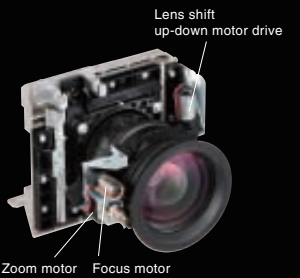
■ New auto-iris (HC5500)



■ Former auto-iris



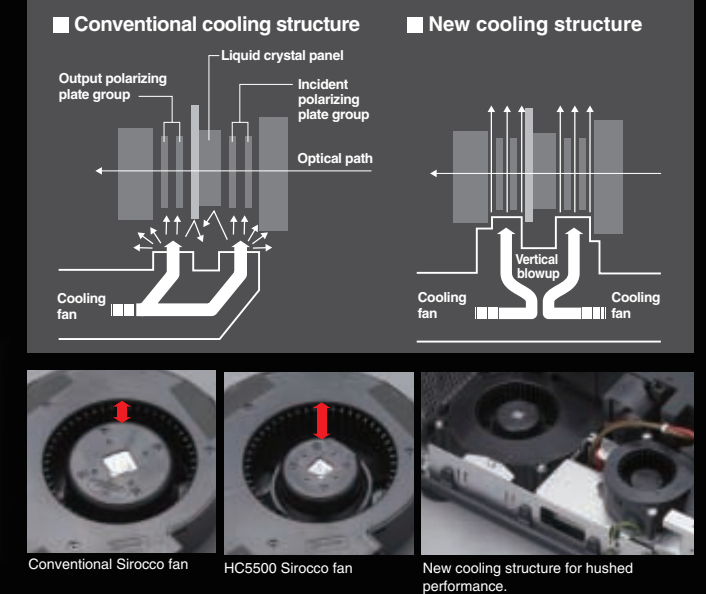
Motorized zoom and focus adjustments with lens shift function greatly enhances ease of set-up



Impressive big-screen images can be enjoyed even in a small room with the 1.2x powered zoom and focus lens. In addition, the motorized lens shift simplifies vertical adjustments, providing maximum flexibility wherever you place the HC5500.

Hushed 19dBA low mode noise level

The HC5500 is designed with a newly structured cooling duct to improve liquid crystal panel cooling efficiency. It is also equipped with a low-noise fan (large-size Sirocco fan) mobilizing a downsized motor that secures an ample air inlet for improved air intake efficiency, all while slashing the overall noise level to only 19dBA.



Unparalleled HQV next generation performance

■ Reon-VX next-generation high-performance processor

This high-performance chip carries on the legacy of the REALTA made popular by Silicon Optix, whose known for visual performance using the name HQV™ (Hollywood Quality Video). It excels behind the scenes as the genuine core of fine visual expression in our HC5500 HD projector.

■ High-precision I/P conversion, serving all sources

With 10-bit image processing, I/P (interlace/progressive) conversion in the HC5500 is rendered extremely accurate. Even with video-film mixed sources, specific materials are detected and processed with top speed and precision. This ensures progressive reproduction of higher picture quality. For terrestrial or satellite digital movies broadcasts, 2-3 pull-down zaps out most jaggies, making the image look perfect. High-precision 3D processing and 24P new generation discs are also supported.

■ High-performance video scaler

In addition to I/P conversion, the Reon-VX in the Mitsubishi HC5500 packs high-precision image scaling (pixel conversion) capabilities into a single chip. The result is impressive up-conversion of 720 x 480 display to 1920 x 1080 images.

■ Reduced chroma up-sampling errors

With the Reon-VX chip, HC5500 properly compensates for color data compressed at the production level of most DVD titles. This results in a more faithful reproduction of high-definition images without color blur or loss, including subtle contours.

Equipped with two HDMI Ver 1.3 inputs compatible with Deep Color.

Allows for 10 and 12 bit video in addition to conventional 8-bit for reproduction of full color gradients and high contrast.



Equipped with 14-bit digital gamma correction (liquid crystal panel driver)

Our 14-bit gamma correction processing function expands gradation expression power 16-fold over the conventional 10-bit version.

This dramatically raises the capacity to express the subtleties of dark images.

High Definition (1920x1080) Equipped with a New Generation Liquid Crystal Panel

The HC5500 is equipped with a new generation inorganic LCD panel. This new LCD panel generates high definition images that produce rich blacks and vivid colors. Rated to last approximately 10 times longer than conventional organic film panels, this panel translates to years of viewing enjoyment with high definition colors that stay vibrant and come alive every time you play your movies.

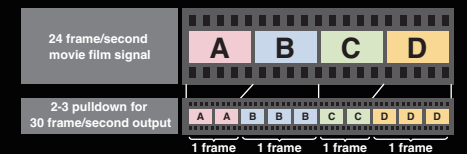


Compatible with 24P Blu-ray direct input for reproduction of original images movements

The HC5500 is compatible with direct Blu-ray's 24P next generation optical disk. With output of 48P (liquid crystal panel 96Hz drive) at twice the integer of movie film (24 frames/second), duplication of speed, smoothness, as well as detailed textures mirrors the original.

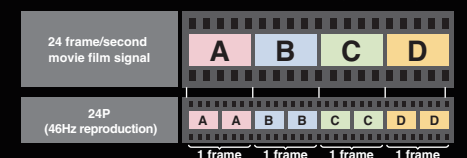
2-3 pulldown

When screening images at 60 frames/second, lining up in 2-frame or 3-frame sequences caused a surplus in the third B-frame, detracting from movement smoothness.



24P direct output

With the integer multiple of 24 frames/second moved up to 48 frames/second, a sequence is created with groups of two frames lined up. The bottom line is a smooth and fluid reproduction of the original image.



■ 3D Micro Surface Structure Air Filter

■ Side-Loading, Long Life Lamp, Up to 5,000 Hours

■ Trigger Terminal

The Mitsubishi HC5500 is built for the most sophisticated home theaters or for integration

with the simplest home entertainment systems. A trigger connector commonly used to control motorized screen retraction is part of the projector, enabling a quick-start and a faster approach to your total home theater enjoyment.