Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel size</td>
<td>0.65 DMD, Aspect ratio 16:9</td>
</tr>
<tr>
<td>Resolution</td>
<td>1024 x 768</td>
</tr>
</tbody>
</table>
| Panel spec                                  | DMD Precision 
| MHL 2.2 compliant                            |
| AC input                                     | 100-120V, 50/60Hz |
| HDMI input                                   | 1.3a compliant |
| S-Video input                                | 1080i/720p, 60Hz, 50Hz |
| RCA input                                    | 1080i/720p, 60Hz, 50Hz |
| Mini D-Sub 15 pin                            | 1080i/720p, 60Hz, 50Hz |
| Power consumption (W)                        | 230W (at standard mode), 190W (at low mode) |
| Weight (kg/lbs)                              | 34.0/75.0 |
| Main unit dimensions (WxDxH)                 | 345x129x270mm / 13.6”x5.1”x10.6” (excluding height adjustment) |
| Supplied accessories                         | Power source cord (1.8m), Remote control, AA batteries (x2), RGB signal cable, Lens cap, Lamp replacement attachment |

Eco Changes is the Mitsubishi Electric Group’s environmental statement, and expresses the Group’s stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

MITSUBISHI DIGITAL ELECTRONICS AMERICA, INC.  
Presentation Products Division  
Phone: 888.307.0349  
www.mitsubishi-presentations.com

MITSUBISHI ELECTRIC SALES CANADA, INC.  
Display & Imaging Solutions Division  
Phone: 905.475.7728  
www.mitsubishielectric.ca

New publication effective Sept. 2010. Specifications are subject to change without notice.

Big-screen Cinema, Sports and Games  
All in the Comfort of Your Home

Newly Improved Full High-definition Performance

Model HC4000

Projection system
DLPᵀᴹ system
0.65 DMD, Aspect ratio 16:9
1920x1080
DMD reflection system
Stripe pattern
1.5x manual zoom / manual operation
340 (at waiting 0.4W)

Light source lamp
20.6-30.1
230W (at standard mode), 190W (at low mode)

Time-division color separation / composition system
6 segment (RGB RGB), 4x
340 (at waiting 0.4W)

Input signal system
Input
PC/AT compatibles, Mac, PC98
VGA 640x480 - UXGA1600x1200, 1920x1080

Power source voltage
Power consumption (W)
Weight (kg/lbs)
Main unit dimensions (WxDxH)
Supplied accessories

Option
Replacement Lamp
VLT-HC3800LP

Chips: Mitsubishi Electric

*1 Varies depending on conditions. Specifications are different for lens-less models.  
*2 Compliant with ISO21118 - 2005.  
*3 All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.  
Under the specification, in the interest of the viewer, Mitsubishi Electric offers an estimated lamp life.  
Lamp life is only an estimate based on verification under proper conditions and is not the duration of the warranty.  
Service life may vary widely depending on usage and operating environment and conditions, as well as users’ adherence to the maintenance and cleaning procedures provided in the user manual.
Movies, TV programs, games and more

Enjoy it all in high-definition on 100”+ screens

Imagine it—the HC4000 bringing you hours of viewing pleasure in the comfort of your own home. Easy to set-up and operate — the HC4000 reproduces beautiful, high-definition (HD) imagery, bringing movies and TV programs to life with vivid, sharp colors, and adding new meaning to the word “excitement” when playing games. Enjoy it all on a large 100”+ screen while relaxing on your living room sofa.

Finally, an affordable full-HD projector that spares nothing to ensure a new dimension in viewing pleasure. An amazing level of beauty and excitement you need to experience with your own eyes.

High-performance 0.65-in DLP® DarkChip3™

A key feature of the HC4000 is the latest Digital Light Processing (DLP®) chip incorporating a new digital micromirror device (DMD) comprised of densely embedded micromirrors. A smaller mirror cavity diameter and narrower gaps between the mirrors improve the aperture ratio of the innovative chip, and reflective light diffusion has been greatly reduced by improving the wiring below the mirror section. The mirrors are controlled to tilt repeatedly several thousand times per second, enabling smooth, true reproduction of the digital source into finely detailed images with no noise or deterioration.

1300lm, contrast: 750:1 ANSI, 4000:1 (ON/OFF)

A fixed lens is adopted, realizing both enhanced brightness and contrast for images. Even in a relatively bright living room with the curtains closed, movies, sports and other programs from high-definition broadcasting and Blu-ray sources can be fully enjoyed in high-definition images.

Full High-definition-compatible 1.5x Short-throw Zoom Lens

A newly developed short-throw zoom lens has been adopted. The 4-cluster, 13-piece all-glass lens provides excellent focusing performance with 1.5x magnification of high-definition images. Improvements in image depth and the lens aperture make it possible for deep blacks to be expressed.

High-output, Long-life Lamp & Quiet performance

The light source is a 230W high-output lamp capable of a long estimated lifetime of up to 5000 hours when operating in low mode. The low-noise fan is specially designed for cooling efficiency taking factors such as fan and color wheel shape into consideration, yet ensuring impressively low 25dB quietness when operating in low mode.

DDP3021 Full 10-bit Panel Driver

The built-in DDP3021 10-bit panel driver realizes approximately four times the gradation of 8-bit models, providing smooth expression of dark gradation subtleties.

Blu-ray 24P direct output compatible

Capable of handling an output of 48P, twice the speed of cinema film (24 frames per second), precise timing ensuring true-life reproduction with original, smooth movement.

Anamorphic Lens Compatibility - Choose Setting Based on Media Played

The anamorphic lens compatibility of the HC4000 widens the projection range of cinema-scope images. Mode 1 proves extended projection, and Mode 2 is for images other than cinema-scope, which mirror the original with the anamorphic lens attached.

Richer, More True-to-life Colors

The HC4000 is equipped with a six-segment color wheel capable of reproducing a standard illumination at the color temperature of D65 (6.5 million). Signals from video sources are reproduced with more true-to-life colors and richer gradation.

Color Management for Preferred Color Adjustment

Adjust images to your color preferences. R (red), G (green), B (blue), C (cyan), M (magenta), and Y (yellow) can each be adjusted individually with the built-in color management function.

BrilliantColor™

A new color processing algorithm and improvements in system-level color signal picture quality enable the reproduction of the many mid-range colors in video and natural scenery.

Adjustable Overscan

For images such as those from DVD sources, the overscan ratio can be varied between 90 and 100% in 1% intervals when HDMI/components are connected.

One-touch projection

The projector power switch and electric screen (roll down/retract) control are linked, providing a convenient one-touch operation trigger.

Screen Distortion Correction

Correct screen distortion using the shape distortion correction function for digital models. Vertical distortion correction of ±15 steps (1 step approximately 1”) is possible.

-