

An Entirely New Dimension In Home Entertainment.

- High Video Performance
- High Contrast Ratio
- World's Quietest Projector
- User Friendly Design
- Long Lamp Life

Mitsubishi Digital Electronics America is the brand name synonymous with advanced home entertainment technology and innovation. This same performance and quality is now available in projection display technology with Mitsubishi's HC2000 Home Cinema Projector. The HC2000 can add an entirely new dimension to your home entertainment experience. Imagine the thrill of seeing your favorite film stars on a big screen in your own home. Or experiencing larger than life size video gaming. Or exploring websites bigger and bolder than you ever thought possible. The HC2000 enables you to do all this and more. It offers the most advanced video display technology features available today in home theater projectors including image excellence, noise reduction, convenient installation and HDTV compatibility. It provides crisp, clear images from DVDs, HDTV signals, cable, satellite, computers or VCRs. Boasting a super-high 3600:1 contrast ratio and a host of other advancements to reduce internal light reflection, Mitsubishi's HC2000 greatly enhances detail in black areas in analog or digital video, making the overall viewing experience more vibrant and exciting. Performance, reliability and picture quality. It's all available with Mitsubishi's HC2000 Home Cinema Projector.



Mitsubishi's HC2000 is making the home theater experience bigger and better than ever before with incredibly smooth images that virtually come to life.



World's Quietest Operation

Fan noise reduced to industry-leading 23 dBA in low lamp mode by utilizing a low-noise sirocco fan, special exhaust duct and lining the interior with soundproofing material.

Enhanced Connectivity

You can accurately project from a wide range of sources including PC, MAC, and workstation compatibility, as well as NTSC, PAL, SECAM, HDTV (16:9) input compatibility.



User-Friendly Remote

To further improve operating ease, the illuminated infrared wireless remote control enables you to easily

control a full complement of projector functions. Discrete commands are used for most functions, so the HC2000 integrates with system command remotes easily.

Exceptional Picture Quality

The HC2000 offers true HDTV or 1280 x 720 resolution. It also has a DVI input with high-bandwidth digital copy protection (HDCP) compliance for use with digital set-up boxes that distribute high-quality video.



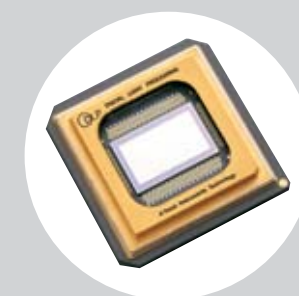
DVE Color Wheel

8-Segment Design The dark video enhancement (DVE) color wheel reduces noise that causes the visible artifacts in the shadows of images. The 8-segment design (two each of R, G and B, plus two dark-green) minimizes gray-scale slippage for more precise reproduction of truer blacks. Wheel speed selection of 4x and 5x is provided.



Electronic Zoom & Lens Shift

Fast, Easy Adjustment The projector is equipped with a lens diaphragm to optimize light incidence and a motor-driven lens with focus adjustment and zoom-in (1.35x) capabilities. Manual adjustment of the image position in the vertical plane without moving the projector body is also possible. This facilitates easier or less obtrusive ceiling mounting.



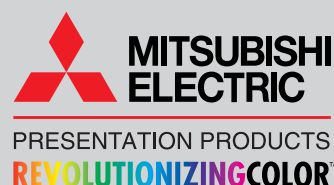
Digital Micromirror Device

High Definition Images At the core of the optics system is Texas Instruments™ HD2+ DLP device with more than a million microscopic mirrors densely mounted on a single chip. Light from the lamp is reflected off the mirrors and through the lens to project the desired image. This truly digital device controls each mirror individually, switching it either on or off as required, and its non-mechanical architecture eliminates noise and picture degradation.



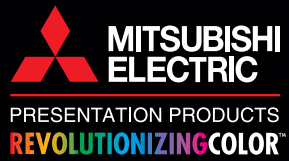
New Optics System

Stable And Quiet The optical system is mounted on a solid aluminum base to reduce vibrations leading to compromised video quality and mechanical noise. A sirocco fan and special heat duct push lamp heat away from the optical system with minimal fan noise and light leakage.



HC2000

Home Cinema Projector



The HC2000 is designed with the user in mind. A wide range of professional-level, innovative features makes the HC2000 the projector of choice for home cinema enthusiasts.

Video Input Panel

HDTV Support The input panel will accommodate connections to high-definition video sources, PCs, game consoles, DVD players and personal video recorders. The DVI input is high-bandwidth, digital copy protection compliant.



Long Lamp Life

Up To 3000 Hours The HC2000 is equipped with a long-life 250W UHP bulb. This lamp is highly acclaimed for red color development and outstanding service life up to approximately 3000 hours* (low-lamp mode). (Optional spare lamp part number: VLT-D201OLP).

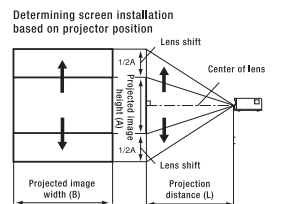
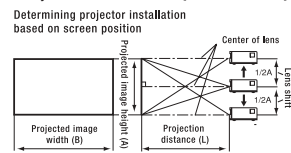
*Service life varies depending on operating environment, usage conditions and maintenance practices, such as cleaning.



HC2000 SPECIFICATIONS	
Display Technology	DLP™ "Mustang" HD2 +12° LVDS DMD
Resolution	1280 x 720 native; UXGA 1600 x 1200 compressed
Brightness	700 ANSI Lumens
Contrast Ratio	3600:1 (full-on, full-off)
Lens Throw Ratio	1.58 ~ 2.13
Projection Lens	F=2.4 (wide) 100" 16:9 @ 11.5 ft.
Zoom/Focus Adjustment	Power zoom and focus (zoom ratio 1.35)
Picture Size (16:9 aspect ratio)	50" ~ 250"
User Replaceable Lamp*	250 W UHP lamp; 1500/3000-hour max. lamp life (normal/low lamp mode)
Computer Compatibility	640 x 400 - 1280 x 720, compressed 1600 x 1200
Video Compatibility	NTSC(M), PAL(B,D,G,H,I) HDTV (480i/p, 576i/p, 720p, 1080i)
Input Terminals	DVI-D 29 pin x 1 (HDCP compliant), BNC, RGBHV x 1, component (Y/CbCr/YPbPr) x 1, composite RCA x 1 +S -video x 1
Communication Terminals	RS-232C (D-sub 9 pin)
Scanning Frequency	Horizontal: 15 - 100 kHz, Vertical: 43 - 85 Hz
Remote Control	Infrared illuminated, full projector control
Power Consumption	350 W, 4A
Dimensions (W x H x D)	17 x 5.9 x 12.1" (430 x 135 x 307 mm)
Weight	17.2 lbs. (7.7 kg)
Power Supply	110 VAC, 50/60 Hz
Safety Approvals	CSA, CSA NRT L/C, FCC Class-B
Warranty	Two-year parts and labor warranty and 90 day warranty on lamp (both warranties available in U.S. and Canada).
Accessories	Standard: AC power cable; power plug adapter; remote control with battery; DVI-D sub-cable; RS-232C cable; lens cap; user manual; quick reference guide Optional: Spare lamp (Part No. VLT-D201OLP); ceiling mount bracket (Part No. HC2000CM)
Special Features	Vertical and horizontal digital keystone adjustment; multi-zoom feature with silhouette and image positioning functions; shadow correction; color temperature adjustment; CineView HD™; 3600:1 contrast ratio; 23 dBA ultra-quiet operation; 8-segment DVE color wheel; vertical lens shift

For more information on the HC2000 or any of Mitsubishi's other projectors or presentation products, contact Mitsubishi Digital Electronics today. Detailed technical specifications available upon request.

Projector Installation (16:9 screen)



Projection Calculation (16:9 screen)

Type	Screen Size		Projection Distance	
	Height A inches (cm)	Width B inches (cm)	Shortest inches (cm)	Longest inches (cm)
50	24.4 (62)	43.7 (111)	68.9 (175)	92.9 (236)
60	29.5 (75)	52.4 (133)	82.7 (210)	111.4 (283)
70	34.2 (87)	61.0 (155)	96.5 (245)	130.3 (331)
80	39.3 (100)	69.7 (177)	110.2 (280)	148.8 (378)
90	44.0 (112)	78.3 (199)	124.0 (315)	167.3 (425)
100	49.2 (125)	87.0 (221)	137.8 (350)	185.9 (472)
110	53.9 (137)	96.0 (244)	151.6 (385)	204.7 (520)
120	58.7 (149)	104.7 (266)	165.4 (420)	223.2 (567)
130	63.8 (162)	113.4 (288)	179.1 (455)	241.8 (614)
140	68.5 (174)	122.0 (310)	192.9 (490)	260.2 (661)
150	73.6 (187)	130.7 (332)	206.7 (525)	279.1 (709)
200	98.0 (249)	174.4 (443)	275.6 (700)	372.0 (945)
250	122.4 (311)	217.7 (553)	344.5 (875)	465.0 (1181)

The above numbers are approximate, and may be slightly different from the actual measurements.

©2004 Mitsubishi Digital Electronics America, Inc. Standard features, options and specifications subject to change without notice. Microsoft, Windows, and the Windows logo are registered trademarks of Microsoft Corporation. Mac and the Mac logo are trademarks of Apple Computer, Inc. registered in the U.S. and other countries. Digital Light Processing, DLP, the DLP logo, and the DLP medallion are trademarks of Texas Instruments, Inc. All other trademarks or registered trademarks are the property of their respective holders. *The projector lamp contains mercury. Please dispose of properly.

Printed on 50% recycled paper including 20% post-consumer fibers.



Mitsubishi Digital Electronics America, Inc.
Presentation Products Division
9351 Jeronimo Road
Irvine, CA 92618
Toll Free: 888-307-0349
email: ppdinfo@mdea.com
www.mitsubishi-presentations.com

Technical Support:
Toll Free: 888-307-0309
Email: tsupport@mdea.com

Canada:
Mitsubishi Electric Sales Canada Inc.
Information Technologies Group
Markham, Ontario
905-475-7728
www.MitsubishiElectric.ca



HC2000

Home Cinema Projector

EXTRAORDINARY PERFORMANCE
HDTV COMPATIBILITY
WORLD'S QUIETEST OPERATION

