HC100 SPECIFICATIONS:

DISPLAY TECHNOLOGY: 0.55" Wide, 1-Chip DMD, 12 deg. DDR, DDP2000

RESOLUTION: 854 x 480 (Total 409,920 pixels), 600 Video Lines

BRIGHTNESS: 1300 ANSI lumens Min:910 lm

COLOR: 16,770,000 colors

CONTRAST RATIO: 2000 : 1 (on/off)

FOCUS: Manual Focus & Zoom Lens

PROJECTED LENS: F = 2.4 - 2.7, 100" @ 3.6m (Wide)

PICTURE SIZE: 40-275 inch

SOURCE LAMP: 200W (Shut Off Time 2000 Hrs) with Low Mode (160 W : Shut Off Time 3000 Hrs)

Video Compatibility: NTSC/NTSC 4.43/PAL (including PAL-M, N) /SECAM, PAL-60, DVD (Component) /HDTV (525p, 625p, 1080i (50, 60Hz), 720p (50, 60Hz)) /SCART (RGB + 1Vcomp)

Input Terminals: RGB: Mini D-sub 15pin x 1

DVI-D (with HDCP) x 1

Audio: Stereo Mini Jack (ø 3.5mm) x 1

Video: RCA (Y, CB, CR) x 1

RS-232C; 8pin x 1

COMMUNICATION TERMINAL: RS-232C, 8pin x 1

SCANNING RATE: [H] 15 - 80 kHz

[V] 50 - 85 Hz

[Dot Clock] max 100 MHz

AUDIO SPEAKER: 2W Mono

HEIGHT ADJUSTER: One Push Rear Leg (-1 to 7 degree variable)

OUTSTANDING FEATURE: sRGB specification mode

• Digital keystone-correction for Vertical (without auto)

• Video Line Doubler (DDP2000) ; 3:2 pull-down

• 10 Languages OSD

• Password Lock

HAND REMOTE UNIT: (1) Projector Fully Control

(2) DVD, VCR control (learning type)

(3) Back light key

POWER CONSUMPTION: 280 W /2.9 A T.B.D

DIMENSION (W*H*D): 6.5 lbs

POWER REQUIREMENTS: AC 100 - 120V/ 220 - 240V /±10%, 50/60 Hz

FAN NOISE: 33 dBA, sea-level

PACKAGE DIMENSION (W*H*D): 13.7 lbs

WARRANTY: Two-year parts and labor warranty and 90-day warranty on lamp (both warranties available in U.S. and Canada)

SUPPLIED ASSESSORIES: AC Power Cable: 2.9m (USA type x 1 /EUR continental type x 1)

AV cable 2.9m (3 wires)

RGB cable: 1.8m

S-VIDEO cable: 2.9m

RS-232C cable: 1.8m

Remote Unit (incl. Battery)

Quick Start Card

User Manual (HC100: Eng/Fre/Spa/Kor, HC100E: Eng/Fre/Spa/Ger/Rus/Ita/Por/Swe/NL)

OPTIONAL ACCESSORIES: Spare Lamp bulb (VLT-HC100LP)

Ceiling mount bracket (PROJ-UCM)

©2004 Mitsubishi Digital Electronics America, Inc.

www.mitsubishihomecinema.com

©2004 Mitsubishi Digital Electronics America, Inc.
LIGHT, BRIGHT, AND PRICED JUST RIGHT FOR THE IMAGE AND PRICE CONSCIOUS

For the smart and savvy consumer, Mitsubishi offers performance and versatility at an affordable price. With 1300 ANSI Lumens and a highly dynamic contrast ratio of 2000:1, the picture is clear and sharp even in a well-lit room. CineRichColor™ gives you the control to create the best possible color, focus, and contrast for various ambient light conditions or viewing applications. Other key features are an almost silent operation, an extended lamp life of over 3000 hours, and security functions. With high-quality CineView™ video-processing, the resulting picture quality from an “interlaced” source is absolutely superb and clearly artifact free. Rounding out a home cinema system with the HC100 projector will deliver a mind-blowing home cinema experience.

WHAT THE HC100 CAN DO FOR YOU:
- Turn watching a movie into a dynamic experience for friends and family.
- Turn watching a televised event into a social occasion.
- Full-immersion multi-user gaming.
- Home videos or digital slides shows let you re-live the event in larger-than-life scale.

ADVANTAGES OF HOME THEATER FRONT PROJECTORS:
- Projection screens only sit a few inches off the wall. It can truly be the television picture you hang on the wall, and using a retractable screen, the screen can disappear when not in use!
- By positioning the projector different distances to the viewing wall, you can realize screen sizes from 70 inches to 250 inches!
- The big screen doesn’t require a big box. You can move the projector and screen to a different part of the house, or to a different house!

COMPACT SIZE: Lightweight with built-in sound for portable use.

RICH CONNECTIVITY: DVI-D (HDCP, or high-bandwidth, digital copy protection) plus VGA, Component Video, S-Video and Composite Video Inputs.

IMPRESSIVE PICTURE QUALITY

sRGB: Developed to ensure standard, uniform color reproduction regardless of the type of display used, sRGB color profile technology uses independent color coordinates common to all display technologies. As a result, it helps to eliminate hue variations that occur between different display systems and more accurately matches the way colors look in real life.

DLP™ TRUE VISION™ IMAGE PROCESSING:
- Spatial Temporal Noise Reduction Filters: Built-in filters practically eliminate image “noise” resulting in crystal-clear video.
- Edge-Preserving De-Interlacing: High performance video enhancement ensures that lines and edges are smooth regardless of their position on the screen.

CineRichColor™: This feature enables the user to adjust the picture to 10 different levels of white enhancement, or to select AUTO for factory adjusted settings based on input signals. As white is enhanced color range is compromised, so increased white enhancement can be used for PC, gaming or sports viewing use, and lower setting can be used for movies and TV material.