



## Affordable 720P Home Theater Projector

If you are a high-definition video enthusiast who's looking for a more affordable way to bring a front-screen projection to your home theater or family room, the Mitsubishi HC1600 projector is the right choice for you.

This native 720P high definition projector shines bright at 1700 ANSI lumens and includes a sharp 2500:1 contrast ratio for extraordinary crisp details even when the lights are on. It includes the Texas Instrument DDP3020 DLP® chip with BrilliantColor™ processing technology for added boost to brightness and color to your images. Additionally, it includes a flexible HDMI connectivity input, a lamp life of up to 3000 hours\* and operates at an ultra-quiet 25dBA\* noise level. This native 720P projector makes the high definition home theater experience even more affordable.

- DLP® Technology
- Native 720P Resolution
- 1700 ANSI lumens and 2500:1 contrast ration
- Exclusive Mitsubishi BrilliantColor™ technology
- Up to a 3000 hours lamp life\*
- Ultra-hush 25dBA noise level\*  
\* low mode

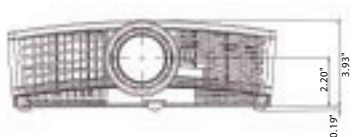
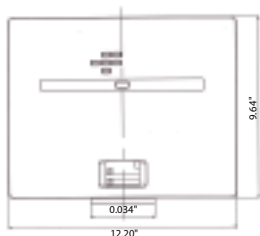
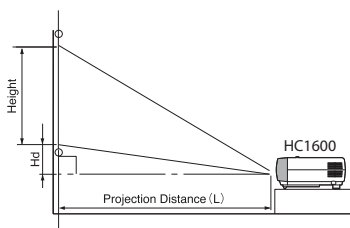
# HC1600

## DLP® HOME THEATER PROJECTOR



SCREEN						DISTANCE FROM SCREEN (L)				Hd	
Diagonal Size	Height	Width	Max.Zoom	Min.Zoom		inch	cm	inch	cm	inch	cm
40	102	19.6	50	34.9	89	5.6	1.4	6.8	1.7	6.6	17
60	152	29.4	75	52.3	133	8.5	2.2	10.3	2.6	9.9	25
80	203	39.2	100	69.7	177	11.4	2.9	13.9	3.5	13.2	33
100	254	49.0	125	87.2	221	14.3	3.6	17.4	4.4	16.5	42
150	381	73.5	187	130.7	332	21.6	5.5	26	26.6	24.7	63
200	508	98.1	249	174.3	443	28.9	7.3	34.9	8.9	32.9	84
250	635	122.6	311	217.9	553	36.2	9.2	-	-	41.2	105
275	699	134.8	342	239.7	609	39.8	10.1	-	-	45.3	115

Unit measured in inches. \*Hd is distance from lens axis to image bottom. The above numbers are approximate values.



Unit measured in inches

DISPLAY TECHNOLOGY	0.62" 1-Chip DMD, 12deg. LVDS DarkChip2™ with DDP3020
RESOLUTION	1280 x 720 (Total 921,600 pixels)
BRIGHTNESS	1700 ANSI Lumens
CONTRAST RATIO	2500:1
ZOOM/FOCUS	Manual Focus & Zoom Lens
PROJECTION LENS	F=2.4-2.6, (142" inches@100")
THROW RATIO	1.59 – 1.97
OFF SET AXIS	4 : -1up (no variable lens shift)
PICTURE SIZE	40 -275 inches
COLOR WHEEL	5 segment (R/G/B/W/Y)
SOURCE LAMP	Normal Mode: 200W (Shut Off Time: 2000hrs), Low Mode:160W (Shut Off Time: 3000hrs)
PC COMPATIBILITY	Resolution: 640x480 - 1280x720 + Compressed 1280 x 1024, Sync on Green available
VIDEO COMPATIBILITY	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60, Component Video: 480i/p(525i/p), 576i/p(625i/p), 720p(750p 50/60Hz), 1080i(1125i 60Hz), 1080i(1125i 50Hz), SCART (RGB + 1V sync)
INPUT TERMINALS	RGB: Mini D-sub 15pin x 1 HDMI x 1 Audio: N/A Video: RCA x 1 + S-VIDEO x 1, RCA (Y, CB, CR) x1
OUTPUT TERMINAL	12V Trigger Out, Stereo mini jack (ø3.5mm) x 1
COMMUNICATION TERMINAL	RS232C: 8pin x1 USB (Only for service)
SCANNING RATE	[H] 15 - 80 kHz, [V] 50 - 85 Hz, [Dot clock] max.110 MHz
AUDIO SPEAKER	N/A
HEIGHT ADJUSTER	One push rear leg (-1 to 7 degree variable)
HAND REMOTE UNIT	Full projector control, Back lit keys, Functions with AV memory
POWER CONSUMPTION	280W / 2.9A
DIMENSION	12.2" x 3.9" x 9.6" inches (310 x 100 x 245mm) (WxHxD excluding height adjustment)
WEIGHT	6.5 lbs (2.9kg)
POWER REQUIREMENTS	AC 100-240V , 50/60Hz
FAN NOISE	31dBA (Low Mode 25dBA)
SUPPLIED ACCESSORIES	<ul style="list-style-type: none"> <li>Power cable</li> <li>Remote Control (with batteries)</li> <li>RGB Cable</li> <li>User-Manual (CD-ROM)</li> <li>RS232 Cable</li> <li>Safety manual (with Quick Start Guide)</li> </ul>
OPTIONAL ACCESSORIES	Replacement Lamp (VLT-HC910LP), Ceiling Mount (PROJ-UCM-PRO2), Hard Shell Rolling Case (DKT1-ATAC), Soft Projector Case (XL1-SSCC), Soft Shell Rolling Case (DKT1-SRCC)
WARRANTY	1-Year on Parts and Labor, 1-Year or 500 hours lamp warranty (whichever comes first)
OUTSTANDING FEATURES	<ul style="list-style-type: none"> <li>Native Hi-definition 720P resolution</li> <li>Exclusive Mitsubishi BrilliantColor™ technology</li> <li>Filter-free design</li> <li>Digital Keystone Correction (Vertical/Horizontal)</li> <li>Password Lock (menu access only)</li> </ul>



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 \*The projector lamp contains mercury. Please dispose of properly.

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