

Changes for the Better

**MITSUBISHI
ELECTRIC**
Display Solutions
HC1100



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



The Perfect Introduction to HD Home Cinema

The HC1100 compromises only one thing... the price. A true home cinema experience is assured, with high image quality that's achieved with the innovative DLP™ technology, DarkChip2™ and a HD ready resolution of 1280 x 720 for crystal clear, detailed images. The new 6 segment colour wheel and BrilliantColour™ technology deliver bright, true-to-life colours, with selectable picture formats.

The HC1100 benefits from a low fan noise of 25dB and a lamp life of up to 3000 hours making it the ideal home cinema projector for reliability and cost effectiveness, a perfect introduction to HD viewing.

HD READY 1000 ANSI LUMENS 3000:1 CONTRAST RATIO 6-SEGMENT COLOUR WHEEL



Contrast ratio 3000:1

HOME THEATRE PROJECTOR HC1100

DarkChip2™ realising high resolution of 1280×720 dots



Digital Micro-Mirror Device Pixel Composition Map

Selective use of high brightness and high definition modes, tailored to the images being screened

Standard mode (1000lm)

Enhances viewing even in comparatively bright rooms - dynamic images for sporting events and other TV entertainment.

Low mode (750lm)

Reproduction of enhanced black gradation approaching the high-end model realm, for movie viewing that stresses the value of dark, black images.

User gamma correction

Complementing the three modes of Sport, Video and Cinema, for movie viewing this projector reduces the demands for higher black level reproduction, brighter medium contrast and toned down highlights unachievable with conventional brightness functions. The key to success is independant operation of black, medium and white gradation, ensuring subtle picture change and adjustment.



5-Stage Adjustment

Specifications

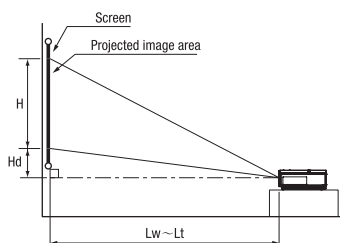
Model	HC1100			
Projection system	DLP™ system			
Panel specs	Panel size	0.62 DMD, aspect ratio 16:9		
	Number of pixels	1280×720 (DarkChip2™)		
	Drive system	DMD reflection system		
	Array	Stripe pattern		
Optical specs	Lens	Zoom/focus operation		
		f (mm)		
	Light source lamp	Manual operation		
	Optical system	23~27.6		
Colour wheel spec	Time-division color separation/composition system			
Picture size (inches)	RGB RGB, 4-speed			
	40~275			
Images	Brightness (lm)	1000		
	Contrast ratio	3000:1 (full on/full off)		
	Resolution	PC input		
		VGA(640×480) -SXGA(1280×1024) (compressed)		
	Scanning frequency	Horizontal (kHz)		
	Vertical (Hz)			
		15~80		
		50~85		
Input signal system	Video	NTSC, NTSC4.43, PAL (including PAL-M,N), SECAM, PAL-60, HDTV (480i/p, 576i/p, 1080i, 720p)		
	PC	PC/AT compatible machines, MAC, PC98		
Input	Video	Analog RGB	Mini D-SUB15 pin	1 terminal
		Digital RGB	HDMI	1 terminal
		Composite	RCA terminal	1 terminal
		S	S terminal	1 terminal
		Component	RCA terminal	1 RCA terminal (Component can be also input to D-SUB)
		Serial/RS-232C standard		1 terminal (8 pins)
Functions	Function/other	Gamma mode	3 patterns + 2 users	
	Trapezoidal distortion correction	Vertical keystone	±40 steps (1 step = approx. 1 time)	
		Horizontal keystone	±25 steps (1 step = approx. 1 time)	
	Power supply voltage	AC100-240V 50/60Hz		
	Power consumption (W)	280 (8W at standby)		
	Weight (kg)	2.9		
	Main unit dimensions	Width (mm)	310	
		Depth (mm)	245	
Height (mm)		100		
Fan noise	25dBA(Eco Mode)			
Other	Supplied accessories	Power source cord (2.9m), remote control unit, AA-size batteries (x2), RGB signal cable, user's manual, RS-232C cable, lens cap (attached to main unit)		

Screen size and Projection distance

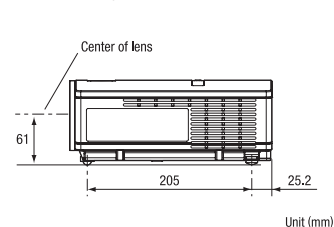
Screen aspect ratio of 16:9

Diagonal	Screen size				Hd		Projection distance				
	W : width		H : height				Lw : Min.		Lt : Max.		
	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	
40	102	35	89	20	50	6.6	17	68	170	56	140
60	152	52	133	29	75	9.9	25	103	260	85	220
70	178	61	155	34	87	11.5	29	121	310	100	250
80	203	70	177	39	100	13.2	33	139	350	114	290
90	229	78	199	44	112	14.8	38	156	400	129	330
100	254	87	221	49	125	16.5	42	174	440	143	360
110	279	96	244	54	137	18.1	46	191	490	158	400
120	305	105	266	59	149	19.8	50	209	530	173	440
150	381	131	332	74	187	24.7	63	262	660	216	550
200	508	174	443	98	249	32.9	84	349	890	289	730
250	635	218	553	123	311	41.2	105	-	-	362	920
275	699	240	609	135	342	45.3	115	-	-	398	1010

Floor mounted



Dimensional diagram



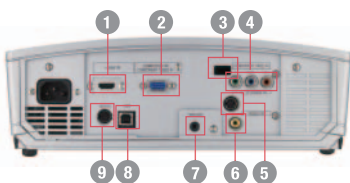
Options

Conversion plug	Ceiling-mount fittings		Elevated-position installation fitting
VLT-HC910LP	BR-1 (base unit)	BR-HC900JS ^{※1}	BR-H900 ^{※2}

※1: Note: Used in combination with the base unit.

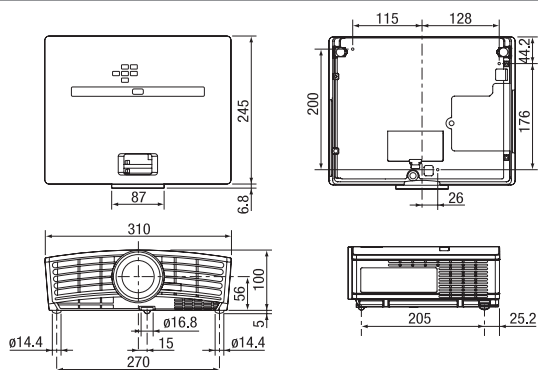
※2: This part is utilized to install the projector unit, placed upside down, at elevated positions within the room.

Rear terminals



- 1 HDMI×1
- 2 RGB In×1
- 3 Remote IR
- 4 Component (Y,Pb/Cb,Pr/Cr)
- 5 S-video
- 6 Video In
- 7 Trigger Out
- 8 USB(for service)
- 9 RS-232C

External size diagram



Unit (mm)

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New publication, effective September 2007 Specifications subject to change without notice.