HC4900 LCD
HOME THEATER PROJECTOR

HI-DEFINITION 1080P

A Native 1080P Home Theater Projector at an Affordable Price

If you are a high definition video enthusiast who's been looking for a more affordable way to bring the home theater experience to your house, the HC4900 home theater projector is an excellent choice.

The HC4900 is an economical native 1080P high definition projector. This 3-LCD projector can transform one of your typical rooms into your own personal home theater where you can experience your favorite stars right in your own room.

The HC4900 is equipped with rich connectivity options and includes the flexibility of both HDMI as well as DVI inputs for native hi-definition digital signals. It also produces a bright 1000 ANSI lumens and includes an amazing sharp 7500:1 contrast ratio for extraordinary crisp details all in the comforts of your own home.
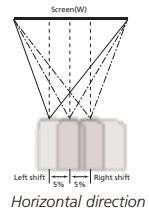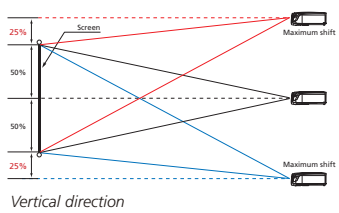
- Full high-definition 1080P resolution for amazing detail and picture quality
- Advanced video processing providing superb picture reproduction and premium up-scaling and noise reduction
- 7500:1 contrast ratio with auto Iris for increased detail and deep blacks
- 1920 x 1080 LCD panels to produce true high definition images with impressive details and picture quality
- Includes a convenient side access lamp design for quick and simple lamp maintenance
- Amazing low 19dBA* noise level so you can sit back and enjoy your picture instead of any distracting equipment noise level
- Power zoom and focus with vertical and horizontal lens shift for installation and viewing flexibility
- Cost saving lamp life of up to 5000 hours*
- Equipped with both HDMI and DVI high-definition inputs for flexible HD connectivity
- Backed by a 2-years parts and labor warranty and a 90-days lamp warranty
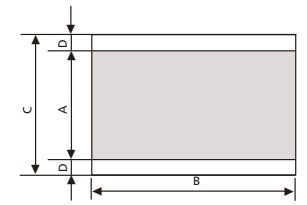
* low mode

www.mitsubishi-presentations.com

3LCD

HC4900 | 1080P Full HD

DISPLAY TECHNOLOGY	0.74" 3-LCD (with Micro Lens), Inorganic C^2 Fine™
RESOLUTION	1920 x 1080 (Total 2,073,600 pixels)
BRIGHTNESS	1000 ANSI Lumens
CONTRAST RATIO	7500:1 over with IRIS Operation
ZOOM/FOCUS	Powered Focus & Zoom (Zoom Ratio 1.6:1)
PROJECTION LENS	f=23.5-37.6mm, F1.8-2.3 (3.1-5.0m@100")
THROW RATIO	1.41 – 2.26
OFF SET AXIS	(V) 4 : -1 - -4 : 1 (+/-75%) , (H) Screen Width +/-5% (with Variable H+V Powered Lens Shift)
PICTURE SIZE	50-300 (inch)
SOURCE LAMP	160W (Shut Off Time 2000Hrs) with Low Mode (128W:Shut Off Time 5000Hrs)
PC COMPATIBILITY	Resolution; 640 x 480 (Expand) - 1920 x 1080 (Real) Sync on Green available
VIDEO COMPATIBILITY	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Video; 480i/p(525i/p), 576i/p(625i/p), 720p(750p 50/60Hz), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB + 1V sync)
INPUT TERMINALS	PC: Mini D-Sub 15pin x 1, DVI-D(with HDCP) x 1 Video: HDMI™ x 1, RCA x 1, S-VIDEO x 1, RCA (Y,P$_B$,P$_R$) x 1 PC audio input not available. Video audio input not available.
OUTPUT TERMINAL	12V trigger Out (stereo mini jack ø3.5 mm x1)
COMMUNICATION TERMINAL	RS-232C; D-Sub 9pin x 1 (Direct command is available)
SCANNING RATE	[H] 15 - 100 kHz, [V] 50 - 120 Hz, [Dot Clock] max 150 MHz
AUDIO SPEAKER	N/A
HEIGHT ADJUSTER	Two Push Front leg (-1 to 7 degree variable)
HAND REMOTE UNIT	Full Projector Control, Back light key, Direct functions with AV memory
POWER CONSUMPTION	250W / 2.5 A
DIMENSION	13.1" x 4.9" x 13.8" inches (W x H x D) (exclude height adjuster)
WEIGHT	12.3 lbs.
POWER REQUIREMENTS	AC 100 - 240 V, 50/60Hz
FAN NOISE	24dBA (Low Mode 19dBA)
SUPPLIED ACCESSORIES	• AC Power cable • Remote Unit (incl. battery) • Safety Manual • User Manual CD • RGB cable • RS-232C cable • User Manual • Lens Cap
OPTIONAL ACCESSORIES	Replacement Lamp (VLT-HC5000LP), PROJ-UCM, or PROJ-UCM-PRO
WARRANTY	2-Years Parts and Labor
OUTSTANDING FEATURES	• Inorganic C^2 Fine™ LCD panels • 3D Y/C digital comb filter and 3D • Side loading lamp design noise reduction • Auto Iris design • A/V memory function • Horizontal and Vertical Lens Shift • User adjustable gamma correction • 3D Color Uniformity correction • Password Menu Lock

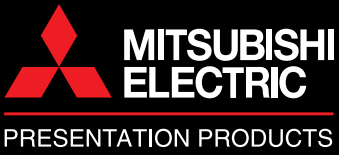*Vertical direction*

Horizontal direction

When the aspect ratio of the screen is 4:3
When the aspect ratio of the screen is 4:3, the positional relation between the projected image and the screen is as shown on the right. Refer to the following table for installation.

SCREEN SIZE				PROJECTION DISTANCE (L)				LENS MOVABLE RANGE			
Diagonal Size		Height A		Width B		Min.Zoom		Max.Zoom		[H]		[W]

Diagonal Size		Height A		Width B		Min.Zoom		Max.Zoom		[H]		[W]	
inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
50	127	25	62	44	111	60	1.5	98	2.5	18	47	2	6
60	152	29	75	52	133	73	1.8	118	3.0	22	56	3	7
70	178	34	87	61	155	85	2.2	138	3.5	26	65	3	8
80	203	39	100	70	177	98	2.5	157	4.0	29	75	3	9
100	254	49	125	87	221	123	3.1	197	5.0	37	93	4	11
150	381	74	187	131	332	185	4.7	297	7.6	55	140	7	17
200	508	98	249	174	443	248	6.3	397	10.1	74	187	9	22
250	635	123	311	218	553	311	7.9	497	12.6	92	233	11	28
300	762	147	374	261	664	373	9.5	597	15.2	110	280	13	33

SCREEN SIZE				SIZE OF THE PROJECTED IMAGE				BLACK SPACE (D)		PROJECTION DISTANCE (L)				LENS MOVABLE RANGE			
Diagonal Size		Height C		Width B		Height A		Width B				Min.		Max.		[H]		[W]

Diagonal Size		Height C		Width B		Height A		Width B		BLACK SPACE (D)		Min.		Max.		[H]		[W]	
inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
50	127	30	76	40	102	23	57	40	102	4	10	55	1.4	89	2.3	17	43	2	6
60	152	36	91	48	122	27	69	48	122	5	11	66	1.7	108	2.7	20	51	2	6
70	178	42	107	56	142	32	80	56	142	5	13	78	2.0	126	3.2	24	60	3	7
80	203	48	122	64	163	36	91	64	163	6	15	89	2.3	144	3.7	27	69	3	8
100	254	60	152	80	203	45	114	80	203	8	19	112	2.9	181	4.6	34	86	4	10
150	381	90	229	120	305	68	171	120	305	11	29	170	4.3	273	6.9	51	129	6	15
200	508	120	305	160	406	90	229	160	406	15	38	227	5.8	365	9.3	68	171	8	20
250	635	150	381	200	508	113	286	200	508	19	48	285	7.2	456	11.6	84	214	10	25
300	762	180	457	240	610	135	343	240	610	23	57	342	8.7	548	13.9	101	257	12	30

MITSUBISHI ELECTRIC

C^2 FINE

2 YEAR WARRANTY

HDMI™

3LCD

ISO 9001 QUALITY ASSURANCE