

Expanding fun of your home theatre life.
Enjoy real images readily
in your living room.

HC100

HOME THEATRE PROJECTOR



Brightness
1300lm

Contrast
2000:1

Long Life Lamp
3000h
— with lamp low mode —



HC100

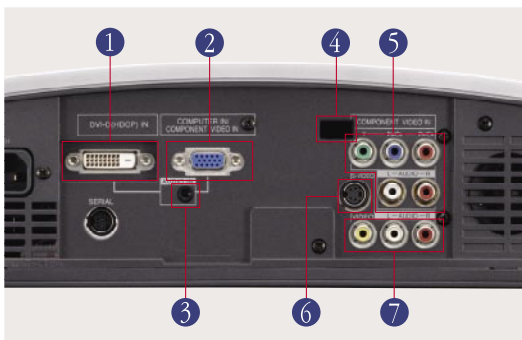
HOME THEATRE PROJECTOR



Specifications

Model	HC100
Display technology	0.55" 1-chip DMD, 12deg.DDR,DDP2000
Resolution	854 X 480 (total 409,920 pixels), 480 video lines
Brightness (Maximum)	1300lm
Contrast ratio	2000 : 1
Picture size	40" ~ 300" (100" = 3.5m)
Source lamp**	160W (Shut Off Time 3000Hrs) with Low Mode 200W (Shut Off Time 2000Hrs)
Computer compatibility	VGA® ~ XGA® (640 X 480 ~ 1024 X 768), True: 854 X 480, 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), 1080i(1125i 60Hz), 1080i(1125i 50Hz), [1080i(1250i 50Hz) is not available]
PC input terminals	RGB: mini D-sub 15pin X 1, DVI-D (with HDCP) X 1, Audio: Stereo mini jack (3.5 mm) X 1
Video input terminals	RCA X 1 + { S-Video X 1, RCA(Y / C _B / C _R) X 1, Audio : RCA (L,R) X 2
Communication terminals	RS-232C (8pin) X 1, (Direct command is available)
Audio speaker	2W mono
Fan noise	29 dBA (Lamp Low Mode)
Dimension (L X W X H)	310 X 100 X 245 mm (excluding stand)
Weight	2.9kg / 6.5lbs
Power supply	AC100 - 240V / ±10%, 50/60Hz
Optional lamp	VLT-HC100LP

Input and Output Terminals



- 1 HDCP input
- 2 RGB In X 1
- 3 PC-Audio-In
- 4 Remote IR
- 5 Component Y/C_B/C_R
- 6 S-Video
- 7 Composite Video

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*DLP (Digital Light Processing) is a trademark of Texas Instruments.
**Approximate figure representing average operational life cycle.

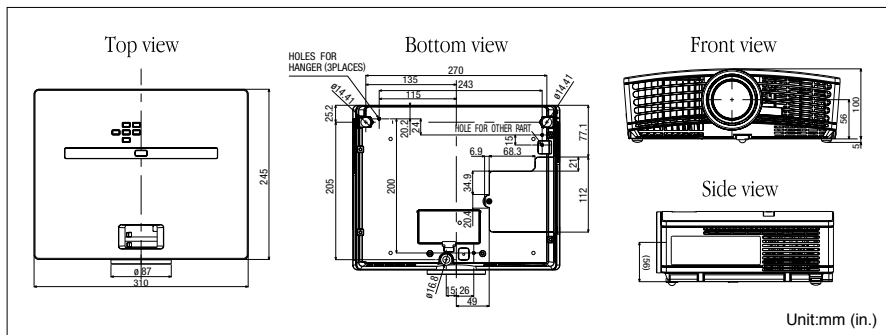
Screen size and Projection distance

Screen (16:9)						Projected distance (L)						Height projected image(Hd)			
16:9 Diagonal		Width (W)		Height (H)		Max. Zoom		Min. Zoom							
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	55	1.4	66	1.7	9.6	24.4				
60	152	52	133	29	75	83	2.1	101	2.6	14.4	36.6				
70	178	61	155	34	87	97	2.5	118	3.0	16.8	42.7				
80	203	70	177	39	100	111	2.8	135	3.4	19.2	48.8				
90	229	78	199	44	112	125	3.2	152	3.8	21.6	54.9				
100	254	87	221	49	125	139	3.5	169	4.3	24.0	61.0				
110	279	96	244	54	137	154	3.9	186	4.7	26.4	67.1				
120	305	105	266	59	149	168	4.3	203	5.1	28.8	73.2				
150	381	131	332	74	187	210	5.3	254	6.4	36.0	91.5				
200	508	174	443	98	249	281	7.1	339	8.6	48.0	122.0				
250	635	218	553	123	311	351	8.9	-	-	60.0	152.5				
300	762	261	664	147	374	422	10.7	-	-	72.1	183.0				

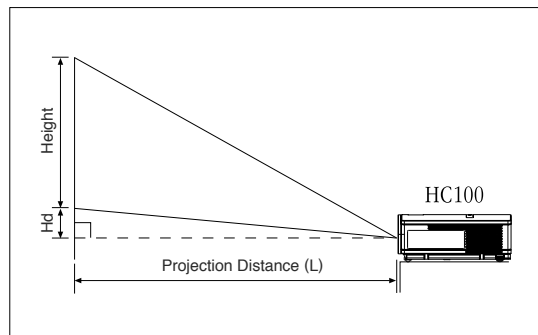
Screen (4:3)						Projected distance (L)						Height projected image(Hd)			
4:3 Diagonal		Width (W)		Height (H)		Max. Zoom		Min. Zoom							
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	37	93	32	81	18	46	3.0	8	50	1.3
60	152	48	122	36	91	55	140	48	122	27	69	4.5	11	76	1.9
70	178	56	142	42	107	64	163	56	142	32	80	5.3	13	89	2.3
80	203	64	163	48	122	73	186	64	163	36	91	6.0	15	102	2.6
90	229	72	183	54	137	83	210	72	183	41	103	6.8	17	115	2.9
100	254	80	203	60	152	92	233	80	203	45	114	7.5	19	128	3.2
110	279	88	224	66	168	101	256	88	224	50	126	8.3	21	141	3.6
120	305	96	244	72	183	110	280	96	244	54	137	9.0	23	154	3.9
150	381	120	305	90	229	138	350	120	305	68	171	11.3	29	193	4.9
200	508	160	406	120	305	184	466	160	406	90	229	15.0	38	257	6.5
250	635	200	508	150	381	229	583	200	508	113	286	18.8	48	322	8.2
300	762	240	610	180	457	275	699	240	610	135	343	22.6	57	387	9.8

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

Dimensions



As seen from the side



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To find out more about HC100 and our projectors, visit us at
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