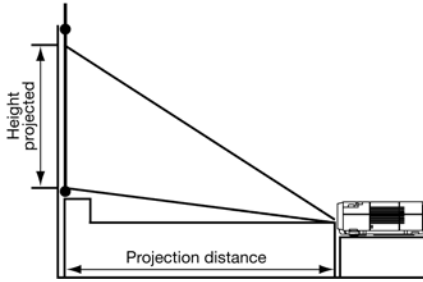# HC1500

THE BRIGHTER SIDE OF HOME ENTERTAINMENT.

The big-screen excitement of soccer games, boxing matches, tournaments and championships in your own living room – now that's home entertainment! Thanks to BrilliantColor™ and 1600 ANSI lumens of brightness, the HC1500 delivers thrilling images that transform a wall into a movie screen, even when the possibilities for darkening the room are limited.

HDTV resolution guarantees breathtakingly clear images, right down to the finest detail, making every viewing a memorable cinematic experience – whether it's a live sporting event or a top movie. The high contrast ratio of 2500:1 guarantees stunning colors. And true film fans value the extremely low operating noise level of the HC1500 – because there's more to great home cinema entertainment than meets the eye!

HIGHLIGHTS

• HD resolution: 1280 x 720 pixels

• Keystone correction (horizontal and vertical)

• 7-segment color wheel for optimum light utilization (1600 ANSI lumens)

• Extremely low operating noise: only 25 dB

• Lamp service life of up to 3000 hours

Picture Size (16:9 format)			Distance from Screen	
Diagonal Size cm	Width cm	Height cm	m/minimal with maximal zoom	m/maximal with minimal zoom
102	89	50	1.4	1.7
152	133	75	2.2	2.6
203	177	100	2.9	3.5
254	221	125	3.6	4.4
381	332	187	5.5	6.6
508	443	249	7.3	8.9
635	553	311	9.2	–
699	609	342	10.1	–

Specifications

Model	HC1500
Technology	0.62" DLP® chip, 12° LVDS, DarkChip2™ with DDP3020
Resolution	1280 x 720 pixels (total 921,600 pixels)
Brightness	1600 ANSI lumens
Contrast	2500:1 (on/off)
Vertical Frequency (V-Sync)	50–85 Hz
Horizontal Frequency (H-Sync)	15–80 kHz
Band Width	up to 110 MHz
Projection Lamp	200 W
Lamp Life	approx. 3000 hours (low mode)[1]
Lens	f = 23–27.6 mm, F = 2.4–2.6
Focus/Zoom	Manual focus and zoom (zoom ratio: 1.2:1)
Throw Ratio	1.7–2.0:1
Picture Diagonal	1.02–6.99 m
Fan Noise	25 dB (low mode)
PC Compatibility	640 x 480 to 1280 x 720 pixels (compr. 1280 x 1024 pixels), Sync on green available
Video Compatibility	NTSC/NTSC 4.43, PAL (incl. PAL-M, N), SECAM, PAL-60, Comp. Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p, 50/60 Hz), 1080i (1125i, 60 Hz), 1080i (1125i, 50 Hz), SCART (RGB + 1 V-Sync)
Features	7-segment color wheel (R/G/B/W/R/G/B), Digital Keystone Correction (horizontal and vertical), BrilliantColor™, height adjustable stand foot, Video-Line Doubler (2:3/2:2 pull-down), 3D Y/C, AV memory function, 10 bit signal processing (ADC and Video decoder), user adjustable gamma function, 10-language OSD, PIN-code protection (key & menu access)
Input Terminals	PC (RGB): 1 x mini-D-sub 15-pin, 1 x HDMI Video: 1 x RCA, 1 x S-Video, 1 x RCA (Y, C_B, C_R)
Output Terminals	12 V Trigger out, 1 x stereo-mini-jack (Ø 3.5 mm)
Communication Terminals	RS-232C (8-pin), USB (only for service)
Remote Control	Complete operation of the projector, illuminated, direct control of sources (incl. AV memory)
Dimensions (W x H x D)	310 x 100 x 245 mm (excl. stand foot)
Weight	2.9 kg
Power Consumption	280 W
Power Supply	AC 100–240 V, 50/60 Hz
Supplied Accessories	Cable set, remote control (incl. batteries), multilingual user manual (CD-ROM), safety manual incl. quick start guide
Optional Accessories	Ceiling bracket

[1]Depending on the operation environment and application. This is an average value given by the manufacturer based on ideal conditions.