

HC3900

Catch all the action in brilliant quality

Whether you are watching a football match, savouring a historical epic or enjoying a game with friends and family: big moments call for big images. Images in breathtaking quality. Images that offer the sharpest possible details. Images like those projected by the HC3900. And the secret behind this new image quality? The newest 0.65" DLP® chip. This latest-generation image processor increases the contrast ratio while simultaneously providing improved image brightness with impressive black levels.

With its incredible illumination of 3000 ANSI lumens, the HC3900 is the perfect projector for public screenings, anywhere and any time. And the HC3900's technical features ensure pure viewing pleasure: the short-throw HD zoom lens, colour management, BrilliantColor™ technology and one-touch projection guarantee easy operation, so you can sit back and enjoy the show.

HIGHLIGHTS

- Impressive brightness: 3000 ANSI lumens
- Full HD resolution: 1920 x 1080 pixels
- Newest 0.65" DLP® chip with effective luminous efficacy and increased illumination
- Contrast ratio: 2000:1
- 5-segment colour wheel
- Lamp life of up to 5000 hours¹



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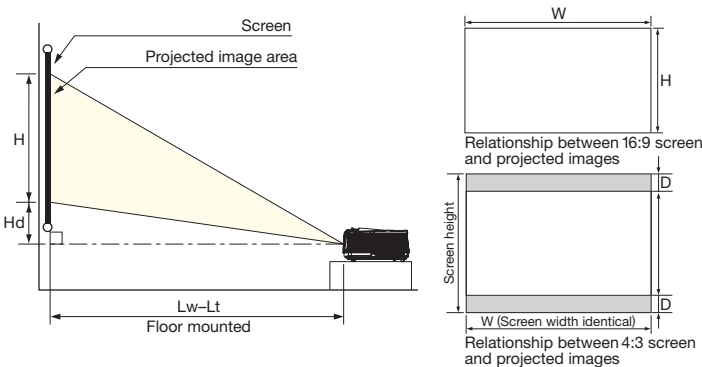
Specifications

Technology	0.65" DLP® chip, 12° LVDS, DDP3021
Resolution	1920 x 1080 pixels (total: 2,073,600 pixels)
Brightness	3000 ANSI lumens
Contrast	2000:1 (on/off)
Vertical Frequency (V-Sync)	24–85 Hz
Horizontal Frequency (H-Sync)	15–80 kHz
Band Width	up to 170 MHz
Projektion Lamp	230 W
Lamp Life	5000 hours (low mode) ¹
Lens	F = 2.4–2.8, f = 20.6–30.1 mm
Focus/Zoom	Manual focus and zoom (zoom ratio: 1.5:1)
Throw Ratio	1.4–2.1:1
Picture Diagonal	1.27–7.62 m
Fan Noise	25 dB (low mode)
PC Compatibility	640 x 480 to 1920 x 1080 pixels (compr. 1600 x 1200 pixels), Sync on green available
Video Compatibility	NTSC/NTSC 4.43, PAL (incl. PAL-M, N), PAL-60, SECAM, Comp. Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 50/60 Hz), 1080p (24/50/60 Hz)
Features	5-segment colour wheel (R/G/B/W/Y), high native contrast ratio, latest 0.65" DMD panel with increased illumination and effective luminous efficacy, long lamp life, low fan noise, enhanced brightness (3000 ANSI lumens)
Input Terminals	PC (RGB): mini-D-sub 15-pin Video: RCA, S-Video, Comp. Video: 3 x RCA Digital: HDMI

Output Terminals	Trigger out
Communications Terminals	RS232C, mini-DIN 8-pin
Remote Control	Complete operation of the projector
Dimensions (W x H x D)	345 x 129 x 270 mm (excl. stand feet)
Weight	3.6 kg
Power Consumption	330 W (stand-by: 0.5 W)
Power Supply	AC 100–240 V, 50/60 Hz
Accessories (incl. delivery)	Cable set, remote control (incl. batteries), user manual (English), multilingual user manual (CD-ROM), safety manual (incl. explanation for quick start), cap-lens, lamp replacement attachment
Optional Accessories	Optional lamp (VLT-HC3800LP)

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

Diagonal Size cm	Picture Size (16:9 Format)			Distance from Screen	
	Width cm	Height cm	Hd cm	m/minimal with maximal zoom	m/maximal with minimal zoom
127	111	62	21	1.5	2.3
152	133	75	25	1.8	2.7
178	155	87	29	2.1	3.2
203	177	100	34	2.4	3.6
229	199	112	38	2.7	4.1
254	221	125	42	3.1	4.6
279	244	137	46	3.4	5.0
305	266	149	50	3.7	5.5
381	332	187	63	4.6	6.9
508	443	249	84	6.2	9.2
635	553	311	105	7.7	11.5
762	664	374	126	9.3	–



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