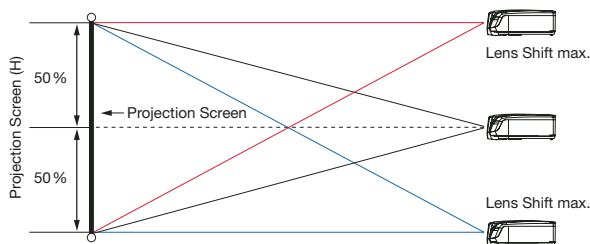# HC6500

FULL HD **HQV**

GREAT TO LOOK AT, EVEN BETTER TO WATCH.

True film fans don't just value good projection; they also appreciate innovative technical features and stylish design. With full HD the HC6500 brilliantly meets all these requirements. This picture-perfect, jet-black coloured device is excellently equipped to guarantee high-quality images, and is elegant and eye-catching at the same time.

The HC6500 has a high contrast of 15,000:1 and its auto-iris has a very short reaction time, allowing light and dark images to be displayed perfectly even when shown in quick succession. The special full HD lens guarantees excellent, consistent detail and sharp edges across the entire picture.

HIGHLIGHTS

• Full HD resolution: 1920 x 1080 pixels

• Contrast: 15,000:1

• Practically silent: fan noise of just 17 dB

• Anamorphic settings

• Up to 5000 hours lamp life

Picture Size (16:9 format)			Distance from Screen		Lens Shift	
Diagonal Size cm	Width cm	Height (H) cm	m/minimal with maximal zoom	m/maximal with minimal zoom	vertical cm	horizontal cm
127	111	62	1.5	2.5	47	6
152	133	75	1.8	3.0	56	7
203	177	100	2.5	4.0	75	9
254	221	125	3.1	5.0	93	11
305	266	149	3.8	6.0	112	13
381	332	187	4.7	7.6	140	17
508	443	249	6.3	10.1	187	22
635	553	311	7.9	12.6	233	28
762	664	374	9.5	15.2	280	33

Specifications

Model	HC6500
Technology	3 x 0.74" LCD (with Micro Lens Technology)
Resolution	1920 x 1080 pixels (total: 2,073,600 pixels)
Brightness	1200 ANSI lumens
Contrast	15,000:1 with automatic iris function
Vertical Frequency (V-Sync)	50–120 Hz
Horizontal Frequency (H-Sync)	15–100 kHz
Band Width	up to 162 MHz
Projection Lamp	160 W
Lamp Life	approx. 5000 hours (low mode)[1]
Lens	F/1.8–2.3, f = 23.5–37.6 mm
Throw Ratio	1.4–2.3:1
Focus/Zoom	Motorised focus and zoom (adjustable in 2 levels, zoom ratio: 1.6:1)
Picture Diagonal	1.27–7.62 m
Fan Noise	17 dB (low mode)
PC Compatibility	640 x 480 (expand) to 1600 x 1200 (compress) 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 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1 V-Sync)
Features	Anamorphic lens mode (vertical stretch, horizontal compress, Trigger Out mode), automatic iris function, HQV™ technology (Silicon Optix, Reon), motorised lens shift (horizontal and vertical, adjustable in 2 levels), Digital Keystone Correction (vertical), optional colour filter available, 3D Y/C Digital Comb Filter, 3D Noise Reduction, 3D Colour Uniformity Correction, AV Memory function, 10-bit signal processing, user-adjustable gamma function, screen size select, 10-language OSD, PIN-code protection (key & menu access), easy lamp access
Input Terminals	PC (RGB): mini-D-sub 15-pin Video: 2 x HDMI (vers. 1.3), RCA, S-Video, RCA (Y, PB/CB, PR/CR)
Output Terminals	12 V Trigger Out, stereo-mini-jack (Ø 3.5 mm)
Communication Terminals	RS-232C, D-sub 9-pin
Remote Control	Complete operation of the projector, illuminated, direct control of sources (incl. AV memory)
Dimensions (W x H x D)	427 x 159 x 440 mm (excl. stand feet)
Weight	7.5 kg
Power Consumption	250 W
Power Supply	AC 100–240 V, 50/60 Hz
Accessories (incl. in delivery)	Cable set, remote control (incl. battery), safety manual (incl. explanation for quick start), multilingual user manual (CD-ROM)

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