



# HC5000

EXPERIENCE THE THRILL OF HOME CINEMA IN FULL HD RESOLUTION.

Transform your home into a cinema! The HC5000 by Mitsubishi Electric is not only one of the world's first LCD projectors with full HD resolution, it's also one of the quietest projectors on the market. Its ultra-low 19 dB operating noise means you can now enjoy the ultimate home cinema experience. The HC5000's picture quality will amaze you, too: a full HD resolution of 1080p and a contrast ratio of 10,000:1 guarantee realistic and vivid images.

Using innovative high-definition LCD technology Mitsubishi Electric has developed a projector showing native colors that will really bring your pictures to life. High-performance HQV technology from Silicon Optix optimizes the video processing, while horizontal and vertical lens shift makes this projector an uncomplicated and flexible center point for your home cinema.

## HIGHLIGHTS

- Full HD resolution (1920 x 1080 pixels)
- Contrast ratio: 10,000:1 (with motorized IRIS function)
- 19 dB operating noise
- Lamp operating life of up to 5000 hours
- Lens shift function (horizontal and vertical)
- HQV technology from Silicon Optix







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Model	HC5000
Technology	3 x 0.74" LCD (with Micro Lens Technology)
Resolution	1920 x 1080 (total: 3 x 2,073,600 pixels)
Brightness	1000 ANSI lumens
Contrast	10,000:1 (with motorized IRIS function)
Vertical Frequency (V-Sync)	50–120 Hz
Horizontal Frequency (H-Sync)	15–100 kHz
Band Width	up to 170 MHz
Projection Lamp	160 W
Lamp Life	approx. 5000 hours (low mode) <sup>1</sup>
Lens	F/1.8–2.3, f = 23.5–37.6 mm
Throw Ratio	1.4–2.3:1
Focus/Zoom	Motorized focus and zoom (zoom ratio: 1.6:1)
Picture Diagonal	1.27–7.62 m
Fan Noise	19 dB (low mode)
PC Compatibility	640 x 480 (expand) to 1920 x 1080 (real) 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 50/60 Hz), SCART (RGB + 1 V-Sync)
Features	Automatic IRIS function, motorized Lens Shift (horizontal and vertical), Digital Keystone Correction (vertical), 3D Y/C digital Comb Filter, 3D Noise Reduction, 3D Color 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, HQV technology (Silicon Optix)
Input Terminals	PC (RGB): 1 x mini-D-sub 15-pin, 1 x DVI-D (with HDCP) Video: 1 x HDMI, 1 x RCA, 1 x S-Video, 1 x RCA (Y, P <sub>B</sub> , P <sub>R</sub> )
Output Terminals	12 V Trigger Out, 1 x stereo-mini-jack (ø 3.5 mm)
Communication Terminals	RS-232C, 1 x 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)	334 x 125 x 352 mm (excl. stand feet)
Weight	5.6 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)

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

Picture Size (16:9 format)			Distance from Screen		Lens Shift	
Diagonal Size cm	Width cm	Height cm	m/minimum with maximum zoom	m/maximum with minimum 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

(The right to make technical changes is reserved; no liability is accepted for printing or other errors)

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