



HC3100

EXPERIENCE THE PERFECTION OF SECOND-GENERATION HOME CINEMA.

The legend has a successor: The HDready DLP® projector HC3100 picks up where the legendary HC3000 left off and impresses by improved and highly innovative new features.

The new DMD DarkChip3™ provides an amazing contrast ratio of 4500:1 and the 720p resolution delivers pictures that are incredibly clear and vivid, so lifelike as if they were real. The motorized IRIS function rounds off your home cinema experience with a black level that is exceedingly intense. The low operating noise of 25 dB, an adjustable 6-segment color wheel and a lamp life of up to 3000 hours make this projector exceptionally reliable and easy to use.

Believe your eyes! Experience the enjoyment of home cinema made perfect.

HIGHLIGHTS

- HD-ready (picture formats: WXGA, 720p, XGA, Cinemascope)
- BrilliantColor™
- Contrast ratio: 4500:1
- 1000 ANSI lumens
- Digital Keystone Correction (horizontal and vertical)
- Low fan noise of 25 dB
- 6-segment color wheel (4/5-speed)

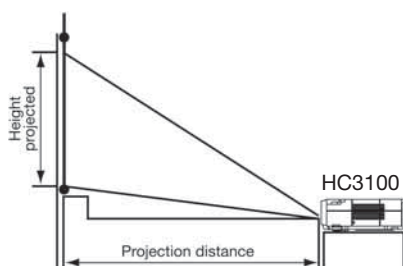




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Model	HC3100
Technology	0.65" DLP® chip, 12° LVDS, DarkChip3™ with DDP3020
Resolution	1280 x 768 (total: 983,040 pixels)
Brightness	1000 ANSI lumens
Contrast	4500:1 (on/off) with motorized IRIS
Video	600 lines
Vertical Frequency (V-Sync)	50–85 Hz
Horizontal 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/2.4–2.6, f = 23–27.6 mm
Throw Ratio	1.6–2.0:1
Focus/Zoom	Manual focus and zoom
Picture Diagonal	1.02–6.99 m
Fan Noise	25 dB (low mode)
PC Compatibility	640 x 480 to 1280 x 768 pixels (compr. 1280 x 1024 pixels), WXGA available (1280 x 768, 1280 x 800, 1360 x 768, 1366 x 768 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 60 Hz), 1080i (1125i 50 Hz), SCART (RGB + 1 V-Sync)
Features	Digital Keystone Correction (horizontal and vertical), Video-Line Doubler (2:3/2:2 pull-down), 3D Y/C, AV memory function, 6-segment color wheel (switchable speed), BrilliantColor™, 10-bit signal processing (ADC and Video decoder), user adjustable gamma function, screen size select (WXGA, 720p, XGA, Cinemascope), 10-language OSD, PIN-Code protection (key and 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)
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 feet)
Weight	2.9 kg
Power Consumption	280 W
Power Supply	AC 100–240 V, 50/60 Hz
Accessories (incl. in delivery)	Cable set, remote control (incl. battery), air filter, multilingual user manual (CD-ROM), safety manual (incl. explanation for Quick Start)

¹Depending 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	
Diagonal Size cm	Width cm	Height cm	m/minimum with maximum zoom	m/maximum with minimum 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	–

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

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