

CP-S235

This affordable LCD projector can display a 60" diagonal image from only 1.8m away and uses three new 0.55" 4:3 LCD panels, giving high performance at excellent value for money. The CP-S235 is one of the quietest LCD projectors available generating just 29dB* of acoustic noise, and combined with Hitachi's advanced Motion Adaptive Progressive Scan technology delivers high quality, flicker-free pictures.

Incorporating a high quality optical zoom lens with a longer throw distance, the CP-S235 is highly suitable for ceiling mounting and the 4000-hour lamp life in whisper mode reduces cost of ownership. A four user memory facility allows customized projector settings to be preset and saved and security features include PIN code protection.

With low noise, high performance and 1600 ANSI Lumens the CP-S235 projector is a must for professional, yet affordable presentations.

- Low acoustic noise: 29dB*
- 60" diagonal image at only 1.8m distance
- 1600 ANSI Lumens
- 1.2x Optical Zoom
- Motion Adaptive Progressive Scan
- Digital Keystone Correction
- Pin Code Security Function

*Whisper Mode



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CP-S235

Technical Specifications

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OPTICAL

Optical Structure	0.55" P-Si active matrix TFT x 3
LCD Panel	0.55" P-Si TFT with MLA x 3
Resolution	800 dots x 600 lines
Lens	F1.6-1.8 (f=16.8-20.2mm), x 1.2 Manual Zoom
Lamp	160W UHB
Lamp Life	2000 (4000 Whisper Mode)
Brightness	1600 ANSI Lumens, Normal Mode 1300 ANSI Lumens, Whisper Mode
Contrast Ratio	300:1 (typ)
Focus Distance	0.9-9.2m wide, 1.1-10.9m tele
Display Size	30"-300" diagonal
Colour	8 Bits/colour, 16.7M colours

COMPATIBILITY

Composite Video	NTSC, PAL (-BGDHI), SECAM, PAL-M, PAL-N, NTSC4.43, PAL60
Component Video	SDTV: 525i (480i), 525p (480p), 625i (575i) HDTV: 750p (720p@60Hz), 1125i (1080@50/60Hz), 1035i@60Hz)
Computer	IBM Compatible VGA, SVGA, XGA, (Smart Resizing), SXGA Capability, UXGA, MAC 13", MAC 16" (PixelWorks Chip PW168)
Plug & Play	DDC1/2B
Frequency Range	Horizontal: 31.5-91kHz, Vertical: 56-120Hz

FEATURES

Keystone Correction	Fixed 9:1 upward shift
Image Control	4x Digital Magnification, Freeze Frame, Mirror Reverse & Invert Image
Speakers	1W
Other	MENU: 15 Language: (English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish), Freeze Function, Magnifying Digital Gamma Correction, My Memory, 3D Y/C separation, 2-3 pull down Electrical v Keystone Correction, Auto Configuration (H-Size, Position) PIN Lock System

CONNECTORS

Video Input	1 x Composite Video RCA Jack 1 x S-Video Mini-Din 4-pin 3 x Component Video RCA Jack
RGB Input	2 x Audio RCA Jack (Video Use) 1 x Analog RGB 15-pin D-sub shrink Pin Assignments see table below
RGB Monitor Output	1 x Audio 3.5mm Stereo Mini Jack (RGB Use)
Control	1 x 15-pin D-sub shrink 1 x 9-pin D-sub shrink RS-232C (Serial)
Audio Output	1 x 3.5 Stereo Mini Jack (RGB and Video use)
USB	USB type B (Up Stream) - for Remote control mouse only

POWER

Power Supply	100-120/220-240V AC
Power Consumption	240W

PHYSICAL

Dimensions (excluding feet)	332 x 92 x 254mm (W x H x D)
Weight	3.05Kg
Noise Level	34dB/29dB (Whisper Mode)

SUPPLIED WITH

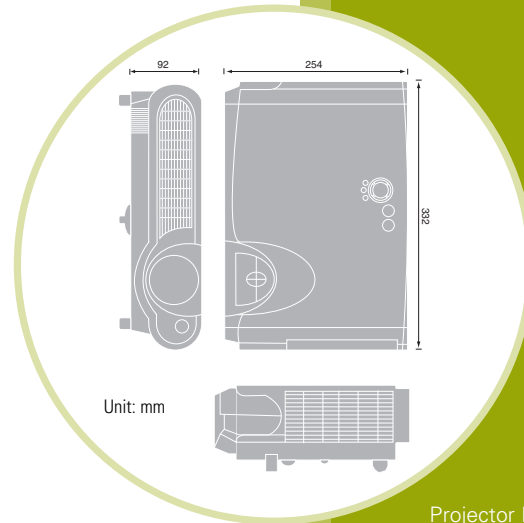
Remote Control
Soft Carrying Case
Safety Instructions
Quick Guide
Power Cord
Batteries
RGB Cable
User Manual (English, German, French, Italian, Spanish, Dutch, Norwegian, Portuguese)

OPTIONS

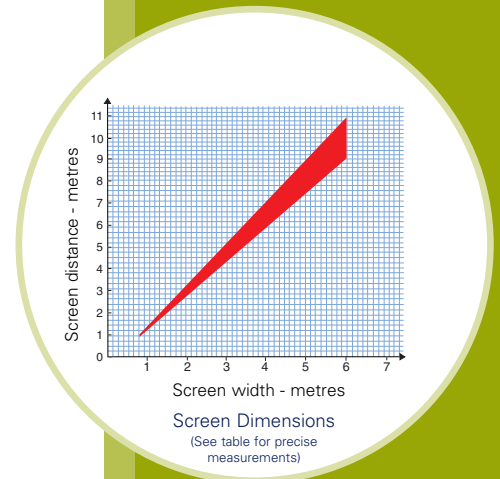
Aluminium flight case (FLC200), Wheeled aluminium flight case (FLC300A), Fabric Wheel Case (FLC800) accommodates projector and notebook computer

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Image Size		Projection Distance	
CP-S235			
Diagonal	Width (m)	Min (m)	Max (m)
30" (0.76)	0.61	0.9	1.1
40" (1.02)	0.81	1.2	1.4
60" (1.52)	1.22	1.8	2.2
80" (2.03)	1.63	2.4	2.9
100" (2.54)	2.03	3.0	3.6
120" (3.05)	2.44	3.6	4.4
150" (3.81)	3.05	4.6	5.5
200" (5.08)	4.06	6.1	7.3
300" (7.62)	9.9	9.1	10.9



Projector Dimensions



HITACHI DIGITAL MEDIA
Hitachi Europe Ltd
Whitebrook Park
Lower Cookham Road
Maidenhead
Berkshire SL6 8YA
Tel: 01628 585 000
Fax: 01628 585 500
www.hitachidigitalmedia.com

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