



Experience True Home Cinema with Vivitek LED Projector

The Vivitek H9090 LED 1080p home cinema projector uses advanced video processing by Gennum to deliver the required HDTV specifications and performances demanded by home cinema enthusiasts and professional installers. As LED-based projectors, the H9090 series provides stunning image quality unmatched by traditional lamp-based projectors. The H9090 LED projector redefines the home Cinema viewing experience.

Features

- Amazing 100,000:1 contrast ratio at 1000 lumens
- LED light source provides 20,000 hours of operation
- Full HD 1080p (1920x1080)
- Advanced image processing from Gennum
- Dynamic Iris automatically enhances/adjusts black levels
- Connectivity options include: Two (2) HDMI, Component Video, BNC, VGA, Composite, S-Video
- Vertical and Horizontal lens shift
- Four (4) optional lenses for varied installation options
- RS-232c for projector control and management
- 12V triggers (2x) assignable for simple screen control or projector automation for anamorphic lens option

Specifications	
Brightness	1000 Lumens (Typical)
Native Resolution	1080p (1920 x 1080)
Max. Resolution	WUXGA (1920 x 1200)
Contrast Ratio	100,000:1 (Full On/Full Off)
Light Source Life/Type	~20,000 Hours, PhlatLight LED PT-120
Display Type	Single 0.95" DMD DLP® Technology by Texas Instruments
Video Processor	Gennum 9450
Aspect Ratio	16:9 Native, 4:3 Compatible
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15, 30 to 90 KHz
Vertical Scan Rate	43 to 85 Hz
Uniformity	85%
Computer Compatibility	1080p, WUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC 4.43, PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)
I/O Connection Ports	HDMI v1.3 (x2), Component Video, BNC, VGA-In, S-Video, Composite Video, RS-232c, 12V Trigger (x2)
Weight	30 lbs
Dimensions (W x H x D)	16.25" x 6.4" x 16.5"
Noise Level	25dB
Power	Supply: AC Input 100 - 240V Consumption: 175 Watts, < 1 Watt(Standby)
Operating Temperature	41 to 104°F (5 to 40°C)
Warranty	5-Year Limited Parts/Labor
Standard Accessories	AC Power Cord, Component Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual (CD), Warranty Card
Optional Accessories	TBA
UPC	TBA



Model	Short Wide Fixed	Short Zoom	Standard Zoom	Long Zoom
Thru Ratio (±3%)	0.73:1 (Distance/Width)	1.56 to 1.86:1 (Distance/Width)	1.85 to 2.4:1 (Distance/Width)	2.4 to 4.0:1 (Distance/Width)
Image Size (Diagonal)	28" to 300" (0.7 to 7.62 m)	28" to 300" (0.7 to 7.62 m)	28" to 300" (0.7 to 7.62 m)	28" to 300" (0.7 to 7.62 m)
Projection Distance	1.5' to 15.9' (0.5 to 4.8 m)	3.2' to 40.5' (1.0 to 12.4 m)	3.8' to 52.3' (1.1 to 15.9 m)	4.9' to 87.2' (1.5 to 26.6 m)
Zoom Ratio	Fixed Lens, Manual Focus	1.19:1 Manual Zoom/Focus	1.3:1 Manual Zoom/Focus	1.67:1 Manual Zoom/Focus
Lens Shift Range	N/A	Vertical: ±120%, Horizontal: ±30%	Vertical: ±120%, Horizontal: ±30%	Vertical: ±120%, Horizontal: ±30%
Projection Method	Ceiling Mount (Rear)	Table Top or Ceiling Mount (Front or Rear)	Table Top or Ceiling Mount (Front or Rear)	Table Top or Ceiling Mount (Front or Rear)