



Large Venue Projector

Vivitek KH5100L

High performance 1080p laser projector with sealed engine, MHL compatibility and a full suite of displays ports



Features

- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant colorful images
- Solid state laser phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- Almost maintenance-free with up to 20,000 hours of operating time
- 5,000 ANSI lumens with a dynamic 2,500,000:1 contrast ratio for an amazing image quality
- Manual zoom and focus for easy adjustment and positioning flexibility
- Horizontal and vertical lens shift for greater installation convenience and flexibility
- Distorted and trapezoid image issues are easily corrected with keystone, and 4-corner adjustment
- MHL device compatibility for streaming of video and audio content from a compatible mobile device
- HDBaseT™ interface with support for distribution of HD video and digital audio content over standard CAT5e/6 LAN cable
- Full suite of display connectivity inputs and outputs
- 10W of total stereo audio power (5W x 2) with multiple audio-in and audio-out ports
- 3D sync port for compatibility with IR (infrared) 3D passive synchronization protocol
- 360° operation and projection design for set up in all angles
- Portrait mode projection allows the projector to be easily setup and installed in a 90° installation
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Network ready for integration and system administration via RJ45
- Crestron® RoomView™ integration for network monitoring and management
- Anti-theft security features include: Kensington® security slot, and security bar

Specifications

Display Type	Single Chip 0.65" DLP Technology by TI
Brightness	5,000 ANSI Lumens
Native Resolution	1080p (1920x1080p)
Maximum Resolution	WUXGA (1920x1200)@60Hz
Contrast Ratio	2,500,000:1
Laser Life/Type	20,000 + hours (Laser Phosphor Light Engine)
Throw Ratio	1.15 – 1.9:1
Image Size (Diagonal)	37" - 300"
Projection Distance	1.5m – 12.6m
Projection Lens	F#2.45 - 3.13, f=17.23 - 27.9mm
Zoom Ratio	1.65x
Aspect Ratio	16:9
Offset	145%/122.5%
Keystone Correction	Vertical ±30°, Horizontal ±30°
Horizontal Frequency	15, 31 - 91.4kHz
Vertical Frequency	24 - 30Hz, 47 - 120Hz
3D Compatibility	Yes (DLP® Link™, HDMI 1.4 (Blu-Ray 3D))
Speaker	5W (x2)
Lens Shift Range	Vertical: 14.7%
	Horizontal: 5%
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac
Video Compatibility	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L)
I/O Connection Ports	HDMI v1.4b (x2), MHL/HDMI 1.4b, Composite Video, VGA-In, Audio-In RCA (L/R), Audio-In (Mini-Jack), MIC-In (3.5mm), VGA-Out, Audio-Out RCA (L/R), 3D Sync-Out, USB Type A Power (5V/1.5A), RJ45, HDBaseT™, RS232, USB (Service)
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	360.1 x 450 x 160mm
Weight	10.7kg (23.6lbs)
Available Colors	White, Black
Noise Level	36dB/34dB (Normal/Eco. Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	430W (Normal Mode), 350W (Eco. Mode), <0.5W (Standby Mode), <2W (LAN Standby Mode)
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Documentation Kit
Optional Accessories	N/A

©2017 Vivitek. Vivitek is a trademark of Delta Electronics, Inc. Other trademarks are the properties of their respective owners. Values, weights and dimensions shown are approximate. Errors and omissions accepted. Specifications are subject to change without prior notice.



Photos

