8133WISS LCD Laser Interactive Projector

DUKANE

Key Features

- 3LCD Laser Projector
- WXGA 1280 x 800
- 3,300 ANSI Lumens Brightness
- 500,000 : 1 Contrast Ratio
- 50,000 Hours Light Source Life (Long life 2 mode)
- 60" - 100" Screen Size
- HDMI 2 Inputs (1 shared with MHL)
- Powered Focus and Perfect Fit
- High Dynamic Range (HDCR2)
- Interactive Touch with Pen or Finger, Up to 6
- Optional Finger Touch Module
- Compatible with other top interactive software
- Starboard Interactive Software Included with no yearly subscription fee!





Dukane expands solid state projector line with a 3,300 ANSI lumens, 3-chip LCD model delivering larger-than-life performance.

Dukane's solid state light source projector line now includes the laser light source 3LCD interactive model 8133WISS with 3,300 ANSI lumens. The new laser phosphor light source offers approximately 20,000 hours (normal mode) of operation time and is virtually maintenance free, there is no lamp to replace providing a dramatic reduction in total cost of ownership. The innovative interactive 8133WISS features an ultra short throw design and integrates Dukane's powerful software to deliver a complete interactive experience on any flat surface. With a rich feature set that meets the specific interactive needs of K-12, higher education, and corporate users, the 8133WISS is both easy to install and easy to calibrate. It provides vibrant image quality with cost-effective operation and produces large images in small spaces. Interactive features include interactive pens, multiple pen capability, auto-calibration, PC-less drawing, and multi-display interactive. The optional Finger Touch Module (FT01B) supports finger touch capability. Additionally a suite of advanced features includes High Dynamic Contrast Range (HDCR2), 2 HDMI ports, and Dukane's original technology Accentualizer. As with all Dukane projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. For added piece of mind, Dukane's 8133WISS is also backed by a generous 5 year warranty and our world-class service and support programs.

5 YEAR warranty

DUKANE CORP.
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3LCD

8133WISS LCD Laser Interactive Projector

INTERACTIVE FEATURES

INTERACTIVE SOFTWARE

This product includes a drawing application that offers more sophisticated drawing functions.

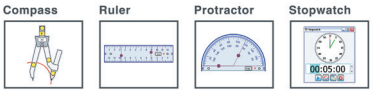
Neatly Convert Letters or Figures

You can automatically convert freehand shapes into geometric objects and handwriting into text on projected images. These operations are easily accomplished with the interactive pens.



Select a Variety of Useful Tools

The interactive pen lets you operate a compass, ruler, protractor, stopwatch and other useful tools on the projected image, making lessons even easier to understand.

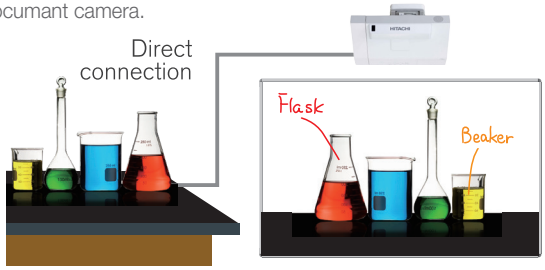


ADVANCED WRITING/DRAWING CAPABILITIES

This projector comes with a built-in function allowing you to directly draw and write on the projected screen without a PC.

Directly Draw on the Projected Screen

You can write and draw on images projected from connected devices such as a documant camera.



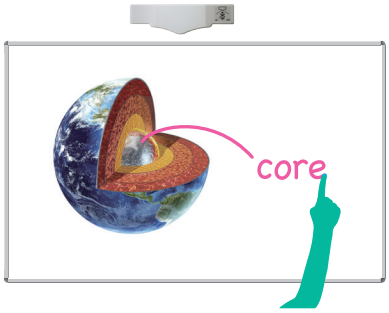
Save and Open Drawn Screens

You can save the image drawn on the projector screen. This enables you to easily manage what you've taught in the past.

Finger Touch Option

This projector incorporates the optional finger touch unit that enables the projector to detect finger touch activity on the screen area. It allows users to annotate and interact with the material presented. Instead of simply showing static images, students and teachers can interact with on screen material for hands-on interactivity that brings learning to life.

When using the finger touch unit in a bright environment, auto-calibration may not be used. Must be used on a flat screen. The finger touch unit may not be used in locations where there is sunlight or light from an incandescent light source.



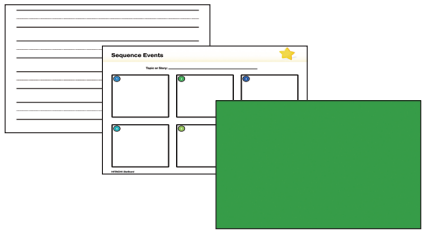
Convenient Painter Tool

Equipped with the Pen, Eraser, Undo, Redo, functions. You can also change the pen color and thickness. With the easy-to-use Painter tool bar, you can teach classes smoothly.



Variety Rich Templates

You can conveniently use the interactive function with over 100 pre-installed templates including graphs, graphic organizers, plain color and many more.



Multiple Interactive Pens

With up to 6 interactive pens, pupils can do more than just watch–they can interact with the onscreen content. Let them enjoy providing answers, showing their understanding and becoming involved in lessons like never before.



Windows® Multi Touch

Windows® 8.1/10 multi touch allows users with touch enabled Windows® 8.1/10 systems to operate the PC directly from the interactive screen with up to 6 pens or touches including Windows® 8.1/10 gesture.



Optional Finger Touch unit required.

Smart Device Control

Plugging the optional USB wireless adapter into the projector and using the dedicated free online application developed by Dukane, projectors can be controlled from a tablet or smartphone.



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UNIQUE FEATURES

Starboard Interactive Presentation Software
Dukane's world-class interactive StarBoard Software (SBS) is the next standard in collaboration, information sharing and dynamic presentation software. With a customizable interface and toolbar, Starboard streamlines your workflow and improves production. While you would expect to pay hundreds of dollars extra for similar interactive software from the competition, Dukane bundles it as a standard feature with each interactive projector.

Accentualizer
Dukane original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.

Aspect Zoom
Aspect Zoom makes the maximum image size on the screen while keeping the aspect of the image.

HDCR2 (High Dynamic Contrast Range)
When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. The recent enhancement to HDCR2 achieves not only auto tone enhancement but also auto color enhancement. This results in clear images even in bright rooms.

Image Optimizer
The Image Optimizer automatically adjusts HDCR and Accentualizer to improve visibility as lamp brightness dims over time.

MHL™
MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

Perfect Fit 2
Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.



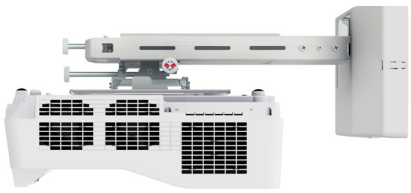
Front View



Ceiling Mount

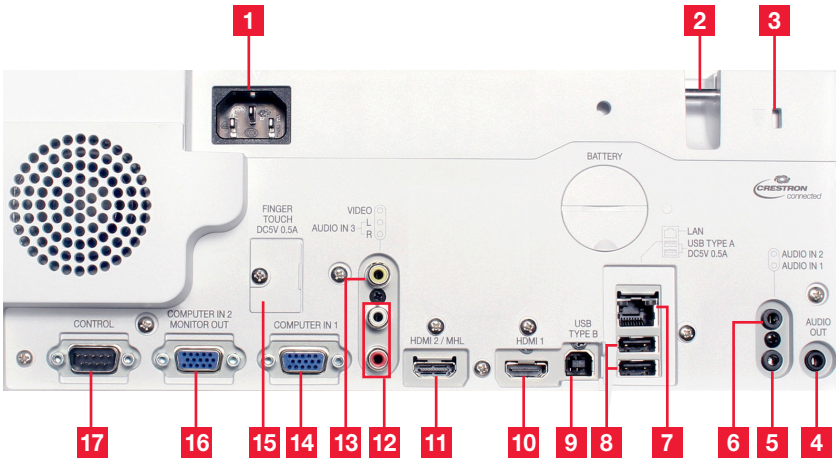


Top View


Side View


Back

Input/Outputs



1. AC
2. Security Bar
3. Kensington Lock
4. Audio Out
5. Audio In 1
6. Audio In 2
7. LAN
8. USB Type A DC5V 0.5A
9. USB Type B
10. HDMI 1
11. HDMI 2/MHL
12. Audio In 3 L/R
13. Video
14. Computer In 1
15. Finger Touch Unit Power
16. Computer In 2/ Monitior Out
17. Control (RS-232C)

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Accessories and Lenses	
Supplied Accessories	Remote control, power cord, computer cable, USB cable, interactive pens x 2, AA batteries x 2, pen tips x 4, AAA batteries x 4, hook metal, adapter cover, HDMI cable holder x 2, cable tie, Ferrite core, security label
Optional Accessories	HAS-WM06 wall mount (Supports display size 70" - 100"), USBWL5G wireless adapter, FT-01B finger touch unit
Optional Lenses	N/A
Replacement Parts	
Lamp	Lamp free
Remote Control	HL03037
Filter	UX43171

Projection Throw Chart (In inches)

Screen Size 16:10		
Diagonal	**Distance from edge of projector to screen**	**Distance from center of mirror to screen**
60	3.1	16.3
70	5.9	19
80	8.6	21.8
90	11.4	24.5
100	14.1	27.3
130	22.4	35.5

Throw Ratio: (distance : width)
0.1 : 1 from edge of projector
0.3 : 1 from center of mirror

Specifications		
Display	**Projection Technology**	3 LCD, 3 chip technology
	Resolution	WXGA 1280 x 800
	Brightness	3,300 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	500,000 : 1 (Dynamic Black on)
	Throw Ratio (distance : width)	0.3 : 1 (From center of mirror to screen)
	Focus Distance	16" - 35" (From center of mirror to screen)
	Display Size	60" - 100"
Operation	**Lens**	f = 4.21 mm, Digital zoom x 1.35, powered focus
	Expected Light Source Life*	Approx. 20,000 hours (Normal), 30,000 hours (Long life 1), 50,000 hours (Long life 2)
	Expected Filter LIfe**	Approx. 20,000 hours
	Speaker Output	16W
	Keystone	H and V +/- 5°
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, WXGA+, WXGA++, SXGA, WSXGA+, UXGA, HD, Mac 16
	H-Sync	15 kHz - 106 kHz
	V-Sync	50 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz
	MHL	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 75 MHz
Connectors	**Digital Input**	HDMI x 1, HDMI/MHL x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with Computer In 2)
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with analog computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	USB	Type A x 2 (remote mouse or PC screen dislpay) Type B x 1 (Interactive function, USB mouse control and USB display)
	Control Terminals	9-pin D-sub x1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	300W/300W
	Operating Temperature	32° - 104° (0°C - 40°C) under 5,250 ft. 32° - 95° (0°C - 35°C) 5,250 ft. - 10,000 ft.
	Dimensions (W x D x H)	19.9" x 16.7" x 5.5" / Shipping 22" x 18" x 9"
	Weight	Approximately 17 lbs./ Shipping 22 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B
	Warranty	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program
	UPC	605194006854

* Actual light source life will vary by individual light source based on environmental conditions, selected operating mode, user settings and usage. Hours of average light source life specified are not guaranteed and do not constitute part of the product or light source warranty. Light source brightness decreases over time.

** Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of expected filter life specified are not guaranteed and do not constitute part of the product warranty.

All specifications subject to change without notice.
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5 YEAR warranty

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