

A man in a dark suit and blue tie stands at a wooden podium, speaking into a microphone. He is looking towards the right. In the background, a group of seven business professionals are seated on a stage, listening attentively. The scene is set against a plain white background. On the left side of the image, there is a vertical decorative graphic consisting of overlapping, wavy bands of color in shades of red, orange, yellow, and green, with a dotted line running through them.

Work Big LP840/LP850/LP860..... *InFocus*

Work Big LP840/LP850/LP860

What to do with all this power?

You want to share information. Change minds. Open eyes. Your audience simply wants to be wowed. The InFocus Work Big LP840, LP850, and LP860 projectors create instant impact with totally immersive audiovisual experiences that go above and beyond everyone's wildest expectations.

Play with your projector.

Your technology shouldn't stand in the way of your creativity. The LP840, LP850, and LP860 certainly won't. Keep audiences guessing with connectivity that supports three separate PCs and three separate video sources. Experiment with the versatility of four user-replaceable bayonet lenses — just push and twist for a quick change. Easily employ power zoom, focus, and lens shift, plus horizontal and vertical keystone correction for a spellbinding performance that gives you total control.

Downtime is for weekends.

Relieve the IT department of its projector-crisis duties. And free your mind to focus on a flawless presentation — without a single cry for technical help. The LP840, LP850, and LP860 projectors are truly easy to set up, use, maintain, and store.

How easy? Add an LP840, LP850, or LP860 projector to your network right out of the box. Hook up in seconds with color-coded I/O connectors. Scroll through the intuitive menu system for plenty of helpful information. Use the integrated keypad to access common functions. Even start using wireless applications in a flash.

Some rooms have all the fun.

The best venues have always drawn the biggest crowds. That explains why presenters line up so quickly to book the room with an LP840, LP850, or LP860 installed projector. You know it takes more than a great idea to sell an audience. It takes the brightest, sharpest images, the richest color palette, and the most dependable projector performance. With all this in your corner, it's a lot easier for your ideas—and your charming personality—to shine through.



Four optional, user-replaceable bayonet lenses. Just push, twist, and replace.



Simple maintenance.



Enthrall your audience.



Projection distances

Short Fixed **Throw Ratio Range 0.8:1**

	Image Size					
	Distance		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	3	0.9	4.69	1.43	3.75	1.14
	5	1.5	7.81	2.38	6.25	1.91
	10	3.0	15.63	4.76	12.50	3.81
MAX DISTANCE	12	3.7	18.75	5.72	15.00	4.57

Standard **Throw Ratio Range 1.5 – 2.2:1**

	Minimum Image						Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	3	0.9	1.70	0.52	1.36	0.42	2.50	0.76	2.00	0.61
	5	1.5	2.84	0.87	2.27	0.69	4.17	1.27	3.33	1.02
	10	3.0	5.68	1.73	4.55	1.39	8.33	2.54	6.67	2.03
	20	6.1	11.36	3.46	9.09	2.77	16.67	5.08	13.33	4.06
	30	9.1	17.05	5.20	13.64	4.16	25.00	7.62	20.00	6.10
	40	12.2	22.73	6.93	18.18	5.54	33.33	10.16	26.67	8.13
MAX DISTANCE	45.5	13.9	25.85	7.88	20.68	6.30	37.92	11.56	30.33	9.25

Short Zoom **Throw Ratio Range 1.1 – 1.5:1**

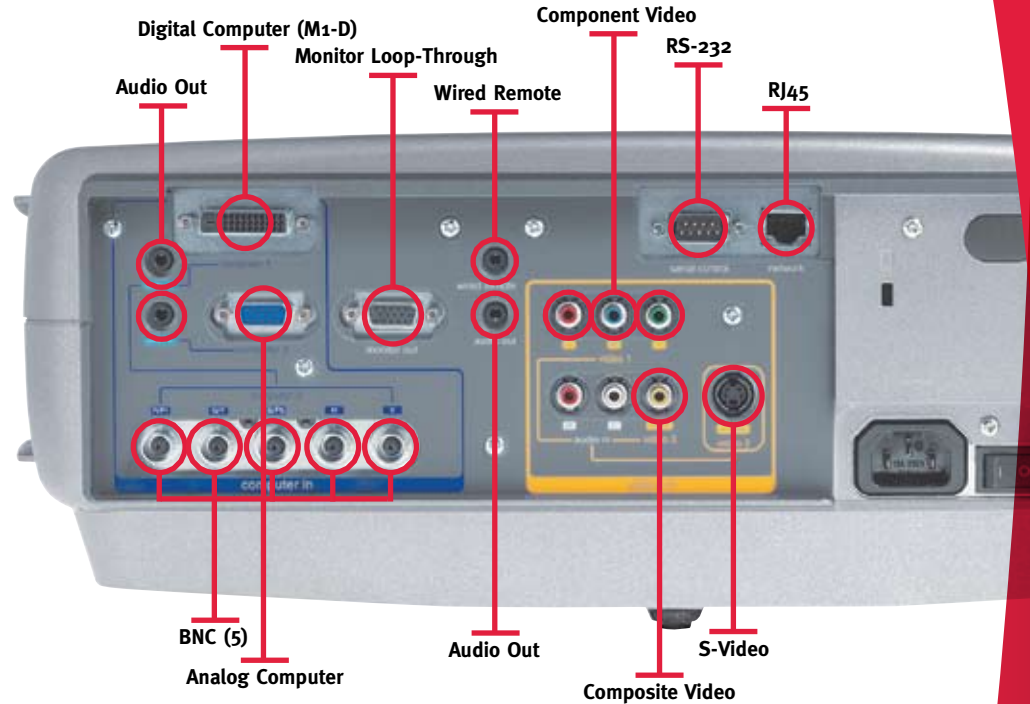
	Minimum Image						Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	2	0.6	1.67	0.51	1.33	0.41	2.27	0.69	1.82	0.55
	5	1.5	4.17	1.27	3.33	1.02	5.68	1.73	4.55	1.39
	10	3.0	8.33	2.54	6.67	2.03	11.36	3.46	9.09	2.77
	20	6.1	16.67	5.08	13.33	4.06	22.73	6.93	18.18	5.54
	25	7.6	20.83	6.35	16.67	5.08	28.41	8.66	22.73	6.93
MAX DISTANCE	30.5	9.3	25.42	7.75	20.33	6.20	34.66	10.56	27.73	8.45

Long Zoom **Throw Ratio Range 2.2 – 4.2:1**

	Minimum Image						Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	4.2	1.3	1.28	0.39	1.02	0.31	2.39	0.73	1.91	0.58
	10	3.0	3.05	0.93	2.44	0.74	5.68	1.73	4.55	1.39
	20	6.1	6.10	1.86	4.88	1.49	11.36	3.46	9.09	2.77
	30	9.1	9.15	2.79	7.32	2.23	17.05	5.20	13.64	4.16
	40	12.2	12.20	3.72	9.76	2.97	22.73	6.93	18.18	5.54
	60	18.3	18.29	5.58	14.63	4.46	34.09	10.39	27.27	8.31
MAX DISTANCE	83.2	25.4	25.37	7.73	20.29	6.19	47.27	14.41	37.82	11.53

Ultra Long Zoom **Throw Ratio Range 3.9 – 7.3:1**

	Minimum Image						Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	7.5	2.3	1.28	0.39	1.03	0.31	2.40	0.73	1.92	0.59
	25	7.6	4.28	1.30	3.42	1.04	8.01	2.44	6.41	1.95
	50	15.2	8.56	2.61	6.85	2.09	16.03	4.88	12.82	3.91
	75	22.9	12.84	3.91	10.27	3.13	24.04	7.33	19.23	5.86
	100	30.5	17.12	5.22	13.70	4.18	32.05	9.77	25.64	7.82
	125	38.1	21.40	6.52	17.12	5.22	40.06	12.21	32.05	9.77
MAX DISTANCE	146.5	44.7	25.09	7.65	20.07	6.12	46.96	14.31	37.56	11.45



Enduring Quality

If you're happy, InFocus is happy. That's why every InFocus projector comes with a standard two-year limited factory warranty (including parts and labor) and a 90-day lamp-replacement warranty.

Ships standard with

- User's Guide, Quick Start Guide, and CD
- Composite Audio Video Cable (3 x RCA)
- VGA Cable
- Power Cord
- M1-D Cable
- Integrator Remote Control (batteries included)

Optional lenses

- Lens-022 Short-Throw Fixed [0.8:1]
- Lens-023 Short-Throw Zoom [1.1-1.5:1]
- Lens-024 Long-Throw Zoom [2.2-4.1:1]
- Lens-025 Ultra Long-Throw Zoom [3.9-7.3:1]



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Optional Accessories

- Projection Screens
- Performance Cables
- Enhanced Remote Controls
- Universal Travel Cases

For more information about the LP840/LP850/LP860, any InFocus business projector, optional accessories, or service programs please visit: www.infocus.com

INFOCUS TECHNICAL SPECIFICATIONS*

Native Resolution	LP840/LP850: XGA 1024 x 768; LP860: SXGA+ (1400 x 1050)
Display Technology	0.99" polysilicon TFT with micro lens array
Input Sources	Computer Sources: Computer 1 (M1-D), Computer 2 (DSUB-15), Computer 3 (Component via BNC) Audio Inputs (Computer): Mini-Jack x 2 Video Sources: Video 1 (Component RCA), Video 2 (S-Video), Video 3 (Composite RCA), Video Jack (DVI-D: HDCP Compatible) Audio Inputs (Video): Stereo RCA jack (shared)
Output Sources (standard)	Audio mini-jack, monitor loop through
Computer Compatibility	VGA – UXGA
Video Compatibility	NTSC, NTSC 4.43, PAL, PAL-M,N, PAL60 SDTV: 525i (480i), 625i (575i) EDTV: 525p (480p) HDTV: 750p (720p @ 60Hz), 1125i (1080i @ 50/60Hz, 1035i @ 60Hz)
Brightness	LP840: 3500 max ANSI lumens (standard mode); 2800 max ANSI lumens (whisper mode) LP850: 4500 max ANSI lumens (standard mode); 3600 max ANSI lumens (whisper mode) LP860: 3500 max ANSI lumens (standard mode); 2800 max ANSI lumens (whisper mode)
Brightness Uniformity	85%
Contrast Ratio	750:1 Full on/Full off
Number of Colors	16.7 million
H-Synch Range	15 – 91 kHz
V-Synch Range	50 – 120 Hz
Dot Clock	160 MHz
Lens Shift	10:0 – 1:1 motorized vertical lens shift
Digital Keystone Correction	Horizontal: up to +/-15° Vertical: up to +/-15°
Projection Lens (standard)	Zoom Ratio: 1.5:1 Throw Ratio: 1.5 – 2.2:1 (D:W) Minimum Projection Distance: 3'/0.9 m Maximum Projection Distance: 45.5'/13.9 m Image Offset Ratio (%): On axis to 100% offset
Optional Fixed Short-Throw Lens	Zoom Ratio: N/A Throw Ratio: 0.8:1 (D:W) Minimum Projection Distance: 3'/0.9 m Maximum Projection Distance: 12'/3.7 m Image Offset Ratio (%): On axis
Optional Short-Throw Zoom Lens	Zoom Ratio: 1.3:1 Throw Ratio: 1.1 – 1.5:1 (D:W) Minimum Projection Distance: 2'/0.6 m Maximum Projection Distance: 30.5'/9.3 m Image Offset Ratio (%): On axis to 100% offset
Optional Long-Throw Zoom Lens	Zoom Ratio: 1.7:1 Throw Ratio: 2.2 – 4.1:1 (D:W) Minimum Projection Distance: 4.2'/1.3 m Maximum Projection Distance: 83.2'/25.4 m Image Offset Ratio (%): On axis to 100% offset
Optional Ultra Long-Throw Zoom Lens	Zoom Ratio: 1.8:1 Throw Ratio: 3.9 – 7.3:1 (D:W) Minimum Projection Distance: 7.5'/2.3 m Maximum Projection Distance: 146.5'/44.7 m Image Offset Ratio (%): On axis to 100% offset
Aspect Ratio	4:3 native (supports 5:4, 16:9)
Image Size (diagonal)	30" – 300"/76.2 cm – 762.0 cm
Projection Methods	Front, rear and ceiling
Audio	2x1-watt stereo
Mouse Control	USB via M1
Projector Control	RS-232 (9-pin DSUB), ProjectorNet (RJ45), 2.5mm wired remote
Lamp*	LP840: 275W UHB/2000 hours LP850: 310W UHB/1500 hours LP860: 310W UHB/1500 hours
Dimensions (standard)	16.8" (W) x 12.4" (L) x 6.4" (H); 42.7 cm(W) x 31.5 cm(L) x 16.3 cm(H)
Weight (standard)	17 lbs/7.7 kg
Power Supply	100 – 240V at 50 – 60 Hz; auto switching
Operating Temperature	10° – 35° C at sea level (0° – 7,500'); 50° – 95° F
Power Consumption	430 watts
Menu Languages	English, Spanish, French, German, Japanese, Korean, Portuguese, Italian, Norwegian, Russian, Simplified Chinese, Traditional Chinese
Audible Noise	40dB (standard mode); 36dB (whisper mode)
Approvals	FCC A, UL/cUL, CE, TÜV
Lamp Warranty	90 days
Product Warranty	2 years parts and labor
Accessory Warranty	90 days

† InFocus reserves the right to alter product offerings and specifications at any time without notice.

* Actual lamp life may vary based on the ambient environment. Conditions that may affect lamp life include temperature, altitude, and rapidly switching the projector on and off.