

INFOCUS LP840/LP850/LP860 INSTALLATION & INTEGRATION PROJECTORS



UNIQUE, HIGH-PERFORMANCE INSTALLATION PROJECTORS

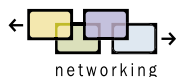
Experience the brilliant power of the InFocus LP840, LP850 and LP860 family of projectors designed to integrate into any room—across your entire company—with powerful options, presentation flexibility, innovative ease-of-use and a price you can't resist. Unsurpassed flexibility and a revolutionary feature package means perfect projection in any environment—when it counts the most.

INTUITIVE, INCORPORATED

Imagine. A projector that makes your work easier. InFocus ProjectAbility™ makes InFocus projectors so intuitive, users are up and running all by themselves in no time.



ProjectorNet™



InFocus®

THE POWER...

— ...OF PERFECT PROJECTION

Illuminate large training rooms, conference centres, classrooms and places of worship with stellar brightness and image quality. Four optional user-replaceable bayonet lenses can be changed in just three easy steps. Get native XGA resolution at 3500 lumens (LP840) or 4500 lumens (LP850) or precise SXGA+ resolution at 3500 lumens (LP860), for images that are powerful and captivating.

— ...TO CONNECT

Experience seamless compatibility with connectivity that supports three separate PC and three separate video sources. Control your projector via RS-232 or TCP/IP interfaces. Connect analogue and digital sources with support for HDTV and computer sources up to UXGA resolution. BNC connectors make for secure, professional installations.

— ...TO UPGRADE

The LP840, LP850 and LP860 are solutions-enabled—offering seamless integration with network and wireless applications so you can upgrade with ease. Add them to your network right out of the box with ProjectorNet™ by InFocus® and manage all your projector assets from a single PC. These projectors are also compatible with the InFocus LiteShow® wireless solution, the first cable-free digital projection solution of its kind. Just pure performance and wireless collaboration.

THE POWER OF TOTAL CONFIDENCE



With an array of options and control features, the LP840, LP850 and LP860 family of projectors give you exactly what you need.



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



Seamless integration with network and wireless applications.



Simple maintenance.



Illuminate and captivate your audience.

— UNIQUE OPTIONS

Four optional user-replaceable bayonet lenses offer versatility in almost any venue and can be changed in just three easy steps. Just push, twist and replace. It's that easy.

The lamp can be replaced even while the unit is mounted, allowing for simple maintenance. Power zoom, focus and lens shift, plus horizontal and vertical keystone correction provide the highest level of professional installation performance and control. Plus, compatibility with multiple video and data sources ensures smooth set up and trouble-free presentations for users, resulting in a minimum of service calls for IT and other support staff.

— EASE WITHOUT SACRIFICE

Wireless and network capabilities offer ultimate control options. Combining features and design that benefit the installer, IT manager and presenter, the LP840, LP850 and LP860 are solid choices that you can stake your reputation on.

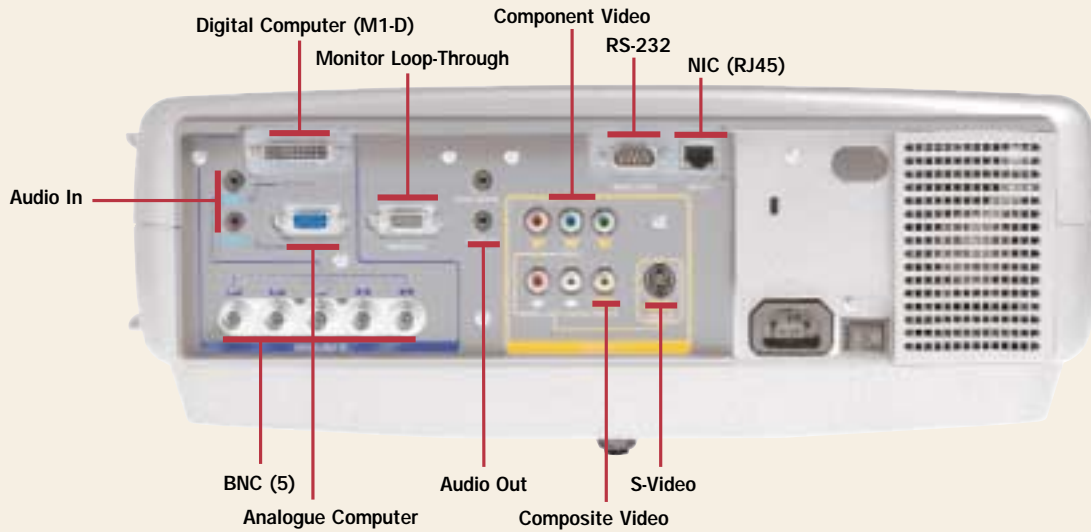
InFocus ProjectorNet™ is a client/server based networking solution designed to allow IT and facilities personnel to manage multiple projectors from a single PC. ProjectorNet gives corporations, universities and other organisations the power to manage projectors just as they would with other shared computing and communication assets such as PCs and printers.

InFocus LiteShow® delivers high-resolution, true-colour clarity with fast image updates and smooth, jitter-free images. It's built on industry standard Wi-Fi (802.11b) technology and is compatible with both PC and Mac operating systems. LiteShow is simple to use, requiring zero network configuration and no cumbersome system set-up. No more plugging and unplugging between presenters, delivering unprecedented flexibility for wireless collaboration.

— INNOVATION FOR PERFORMANCE

User-focused innovations—based on years of research—enable intuitive use. Features designed for both IT and end-users allow for trouble-free projector management. ProjectAbility™, an InFocus Corporation product design philosophy, eliminates the typical projector learning curve. Color-coded I/O connectors let users connect in seconds. The keypad allows the most common functions to be accessed with just one touch, while the intuitive menu system lets users simply scroll-and-select. This approach to design for ease without sacrificing function not only reduces support calls, but results in much less presentation "down time".

INSTALLATION & INTEGRATION PROJECTOR



PROJECTION DISTANCES Short Fixed Throw Ratio Range 0.8:1

| | Image Size | | | | | |
|--------------|------------|--------|----------------|--------|-------------|--------|
| | Distance | | Diagonal Image | | Image Width | |
| | Feet | Metres | Feet | Metres | Feet | Metres |
| 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 |

PROJECTION DISTANCES Standard Throw Ratio Range 1.5 - 2.2:1

| | Minimum Image | | | | | | Maximum Image | | | |
|--------------|---------------|--------|----------------|--------|-------------|--------|----------------|--------|-------------|--------|
| | Distance | | Diagonal Image | | Image Width | | Diagonal Image | | Image Width | |
| | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres |
| 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 |

PROJECTION DISTANCES Short Zoom Throw Ratio Range 1.1 - 1.5:1

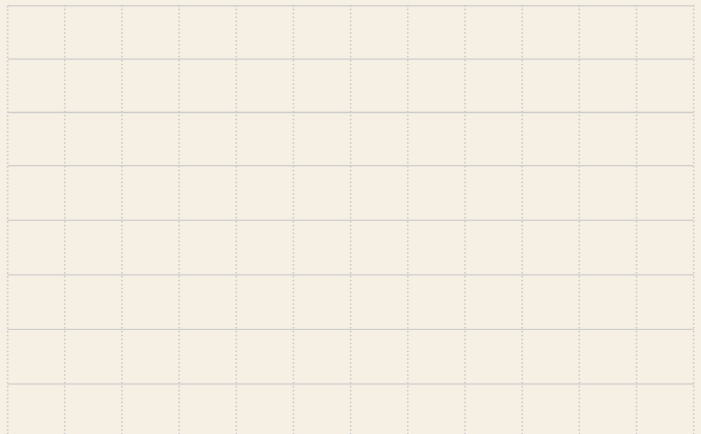
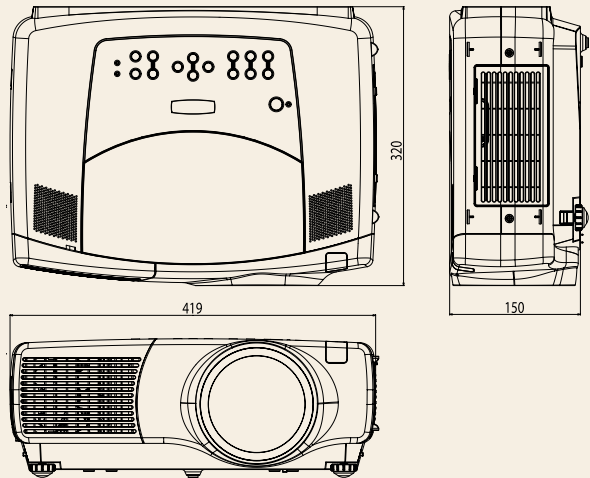
| | Minimum Image | | | | | | Maximum Image | | | |
|--------------|---------------|--------|----------------|--------|-------------|--------|----------------|--------|-------------|--------|
| | Distance | | Diagonal Image | | Image Width | | Diagonal Image | | Image Width | |
| | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres |
| 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 |

PROJECTION DISTANCES Long Zoom Throw Ratio Range 2.2 - 4.2:1

| | Minimum Image | | | | | | Maximum Image | | | |
|--------------|---------------|--------|----------------|--------|-------------|--------|----------------|--------|-------------|--------|
| | Distance | | Diagonal Image | | Image Width | | Diagonal Image | | Image Width | |
| | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres |
| 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 |

PROJECTION DISTANCES 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 | Metres | Feet | Metres | Feet | Metres | Feet | Metres | Feet | Metres |
| 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 |



THE INFOCUS COMMITMENT

Experience for yourself why InFocus Corporation is the worldwide leader in digital projection. Our dedication to quality and customer satisfaction is reflected in service options that will bring you a greater return on your investment. InFocus projectors come with a standard 2-year limited factory warranty, including parts and labour and a 90-day lamp replacement warranty. Our customer support offers you premium service and convenience, whatever your needs.

For service details in your region, please visit www.infocus.com/service/service_offerings

OPTIONAL ACCESSORIES

| | |
|---------------|---|
| LP-LITESHOW | Liteshow: Wireless Display Module |
| SW-PN2-1CD | ProjectorNet: 1-seat Trial Licence |
| SP-LAMP-015 | Replacement Lamp: LP840 |
| SP-LAMP-016 | Replacement Lamp: LP850, LP860 |
| CA-ATA-INST | ATA Shipping Case: Installation |
| HW-INTEGRATOR | InFocus Integrator™ Remote Control, By Interlink* |
| SCREENS | Screens available at www.infocus.com |
| SP-CEIL-010 | Ceiling Mount: Integration |
| SP-LTMT-EXTP | Pipe Tubing Extension |
| SP-LTMT-PLT | False Ceiling Plate |
| SP-AV30 | Cable: Composite Audio Video, 9.1 m |
| SP-SVIDEO | Cable: S-video Cable, 1.8 m |
| SP-M1-10M | Cable: M1 To DVI |
| SP-LOCK-B | Pc Guardian Projector Cable Lock |
| SP-VGAEXT50-D | Cable Extension Bundle: Domestic |
| SP-VGAEXT50-I | Cable Extension Bundle: International |

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] |

Ships Standard With

- User Manual, Quick start guide and CD
- AV cable (3 x RCA)
- RGB cable
- Power cord
- M1 cable
- Remote control (batteries included)

THE FAMILY OF PERFORMANCE

Introducing the InFocus family of performance projectors — the LP860, LP850, LP840 and the LP820.



Unique
High Performance
Innovative
Flexible
Affordable
= Perfect Projection

Contact InFocus or your dealer today.

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) • Audio Inputs (Video): Stereo RCA jack (shared) |
| Output Sources (standard) | • Audio mini-jack, monitor loop through, wired remote |
| Computer Compatibility | • VGA – UXGA |
| Video Compatibility | • NTSC, NTSC 4.43, PAL, PAL-M, N, PAL60 • SDTV: 525i (480i), 625i (575i) • HDTV: 750p (720p @ 60 Hz), 1125i (1080i @ 50/60 Hz), 1035i @ 60 Hz • EDTV: 525p (480p) |
| 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 Colours | • 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 motorised 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) |
| 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 – 3,000 m); 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, TUV |
| Lamp Warranty | • 90-days or 500 hours, whichever comes first |
| Product Warranty | • 2 years parts and labour |
| Accessory Warranty | • 1 year |

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

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

www.infocus.com

InFocus Corporate Headquarters:

27700B SW Parkway Avenue • Wilsonville, Oregon 97070-9215, USA
Phone: 503-685-8888 • 1-800-294-6400 • Fax: 503-685-8887

In Europe: InFocus International BV

Strawinskylaan 585 • 1077 XX Amsterdam • The Netherlands
Phone: (31) 20 5792000 • Fax: (31) 20 5792999
Freephone: 008000 4636287 (008000 INFOCUS)

In Asia: InFocus Systems Asia Pte Ltd.

238A Thomson Road • #18-01/04 Novena Square
Singapore 307684 • Phone: (65) 6334-9005 • Fax: (65) 6333-4525

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LCD monitors

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Repeat Signage helps you get your message across, to promote your products or services. You can display still and moving images, scrolling text messages, RSS feeds (such as the BBC weather or your local news), show webcam or web browser, add audio, PowerPoint scheduler, Flash clocks, and even display pictures which text. [See 2 minute video](#). [Trial download](#)

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Mount solutions



Digital signage



Medical monitors



Lecterns



Audio



Whiteboards



Projectors



Projector lamps



Projector lenses



Projector screens