



Because it matters

Installation Projector

P series

PX9710/PW9620/PU9730

BenQ
2014

Value Proposition



Great Flexibility, Excellent Picture Quality, Minimum Maintenance.

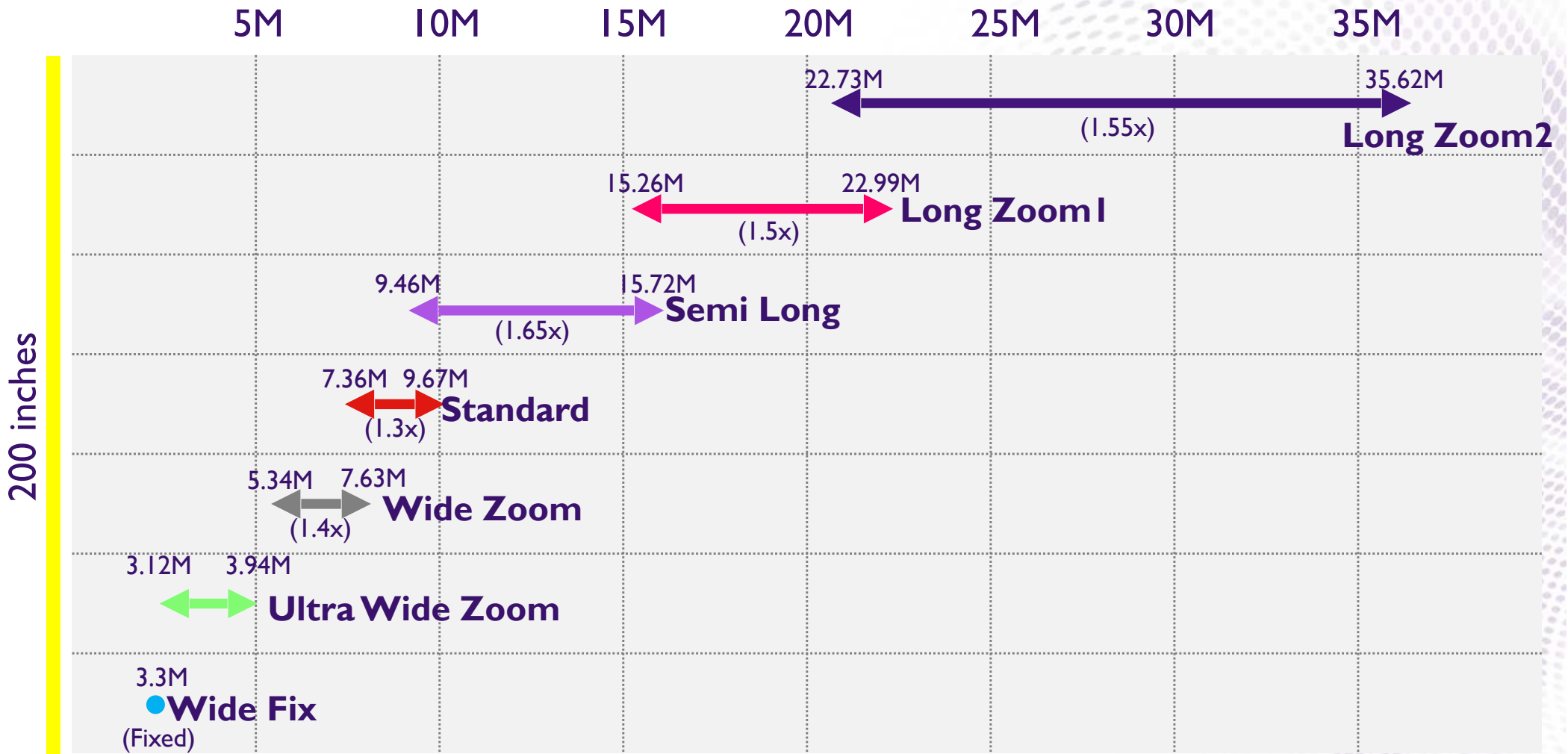
Installation Flexibility	Brilliant Image Performance	Low Maintenance cost	Operation Flexibility
7 Optional Lens	Up to 7,700 lumens	Dual Lamps System	Top Access Lamp Door
Panasonic Lens Compatible	Up to WUXGA	Control/Monitor over LAN	Direct Power On
Motorized Zoom/Focus/Shift	High Contrast	Optimized Cooling System	Quick Release Lens Change Button
360 Degree Projection	Changeable Color Wheel	Standby Power < 0.5w	Mechanical Shutter
HDBaseT	DLP Long Lasting Color	Built-in Filter x 2 (Front/Side)	Offline Cooling
Lens Memory		Clear LED Indicator	Easy Lamp Replacement
Central Lens & Lens Hot Key			
Test Pattern x 14			

*Features marked in yellow are those newly added ones compared with last generation.

Installation Flexibility



7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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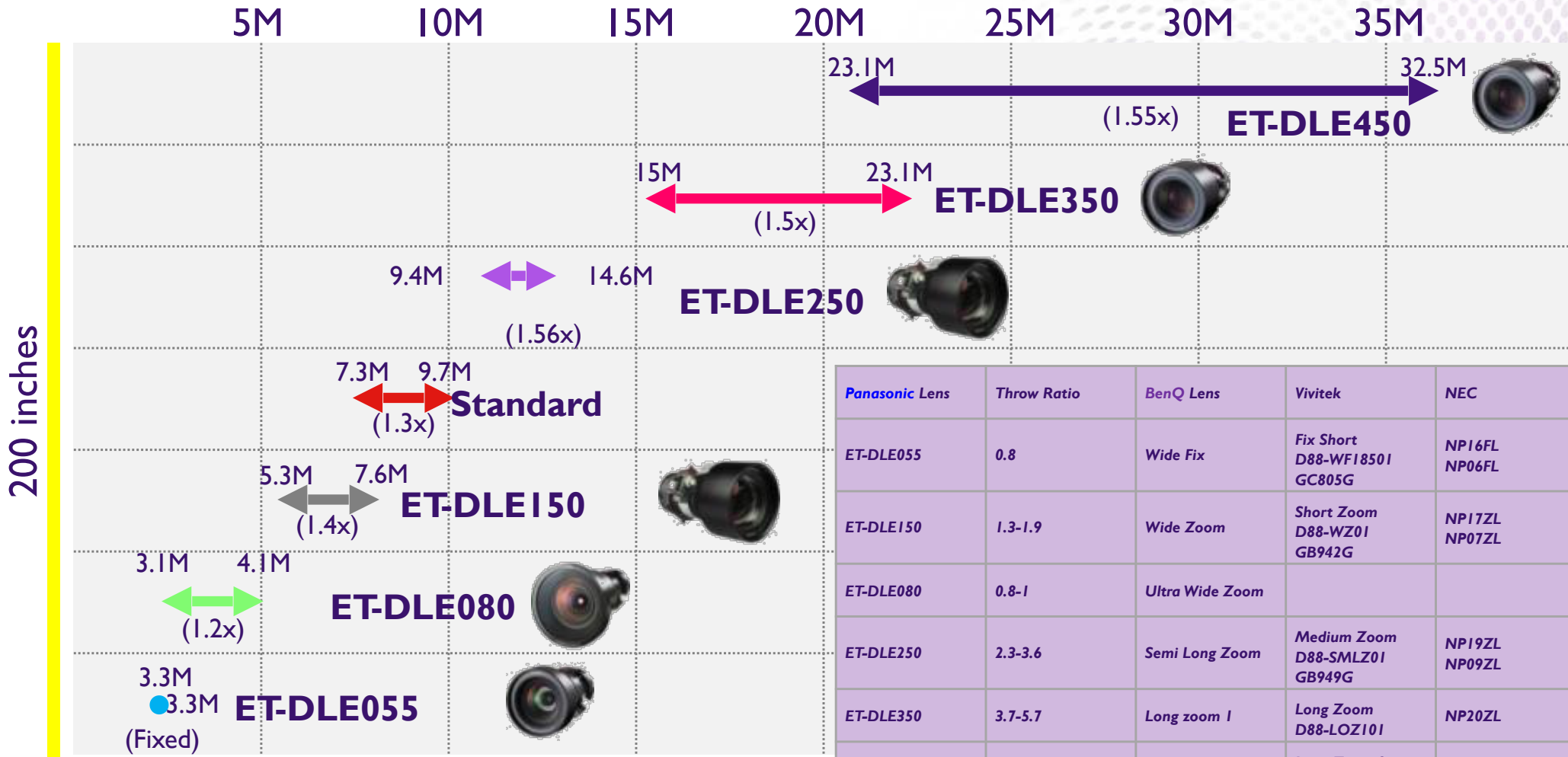


- Support 7 types of optional lens for various environments.
- All glass lenses for excellent focus
- Big F number for brighter image
- All made in Japan for high quality

Installation Flexibility



7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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Panasonic Lens	Throw Ratio	BenQ Lens	Vivitek	NEC
ET-DLE055	0.8	Wide Fix	Fix Short D88-WF1850I GC805G	NP16FL NP06FL
ET-DLE150	1.3-1.9	Wide Zoom	Short Zoom D88-WZ01 GB942G	NP17ZL NP07ZL
ET-DLE080	0.8-1	Ultra Wide Zoom		
ET-DLE250	2.3-3.6	Semi Long Zoom	Medium Zoom D88-SMLZ01 GB949G	NP19ZL NP09ZL
ET-DLE350	3.7-5.7	Long zoom 1	Long Zoom D88-LOZ101	NP20ZL
ET-DLE450	5.7-8.0	Long zoom 2	Long Zoom 2 D88-LOZ201 GB957G	NP21ZL NP10ZL
Supplied lens	1.8-2.4	STD Lens	Standard Zoom D88-ST001 GB940G	NP18ZL NP08ZL

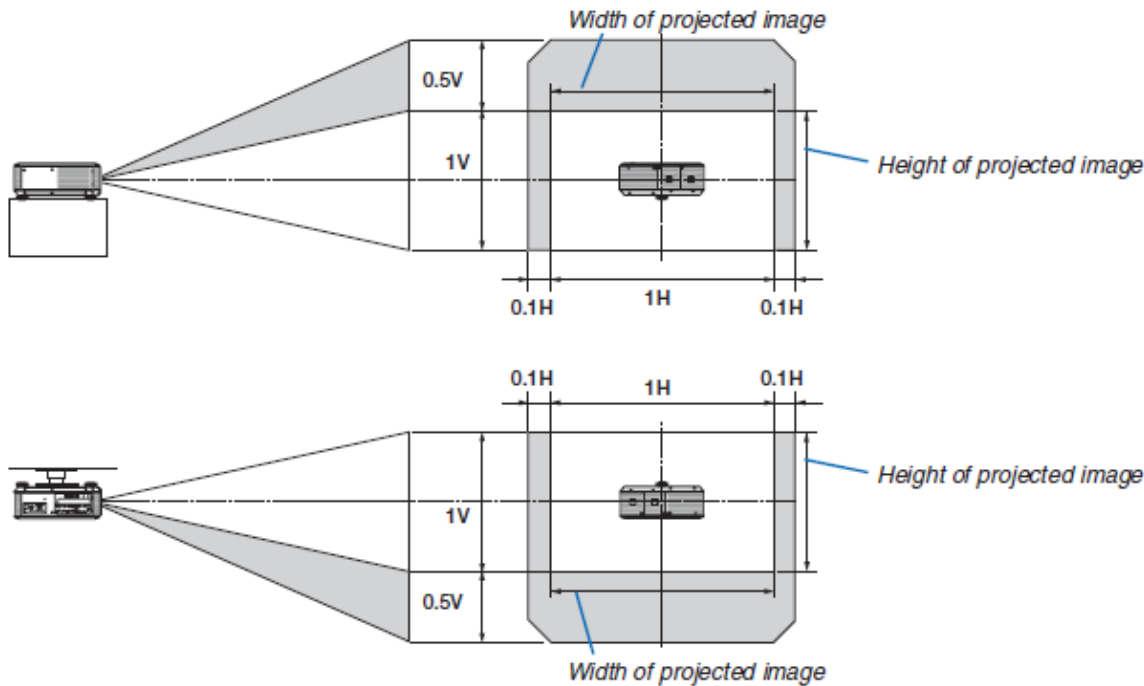
- Compatible with Lens of Panasonic
- Built-in adopter for Panasonic I chip DLP projector lenses.
- Versatile replacement installations.

Installation Flexibility

7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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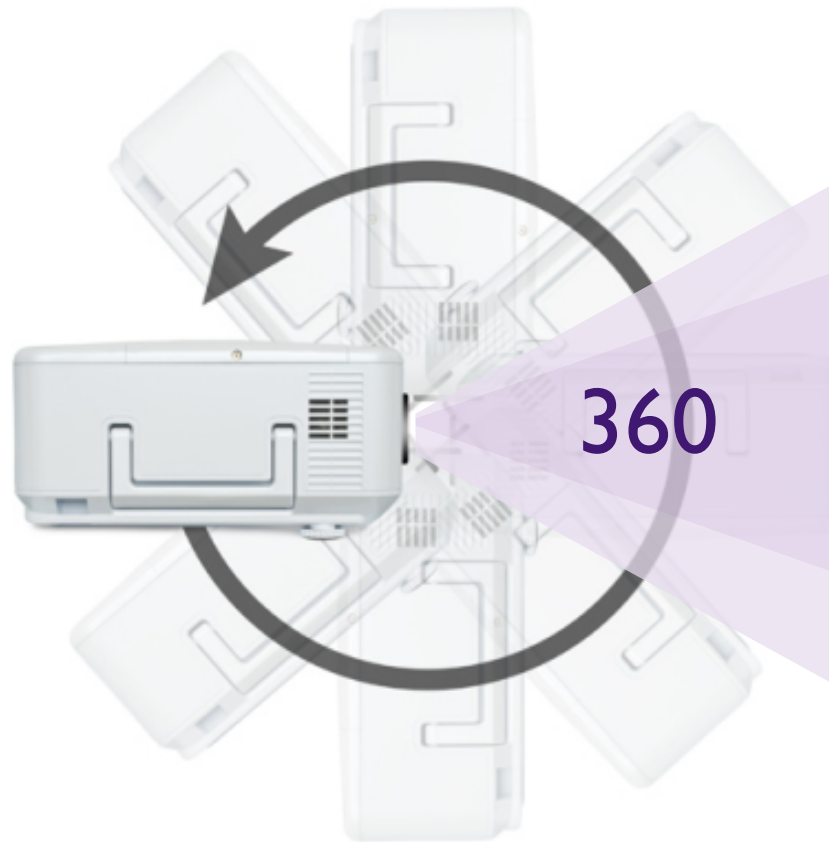
Vertical +50%
Horizontal +-10%



- Equipped with horizontal and vertical powered lens shift for installers to adjust the position of the projection image easily.
- For installation, this allows users to easily adjust images and making the installation fast and efficient.

Installation Flexibility

7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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- Flexible 360 degree projection to fit into any different installation condition, such as shops floors, galleries and theatres.

Installation Flexibility

7 Optional Lens Panasonic Lens Compatible Motorized Zoom/Focus/Shift 360 Degree Projection **HDBaseT (HD connect)** Lens Memory Central Lens & Lens Hot Key Test Pattern x 14



Desktop PC

Notebook

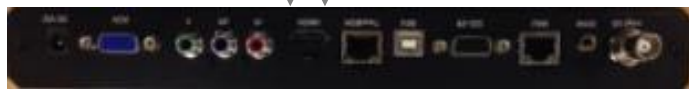
Document Camera

Blue Ray DVD

Game Console

Control Box

Wired Remote



HDBaseT Box (HD connect)

CAT5 cable or higher



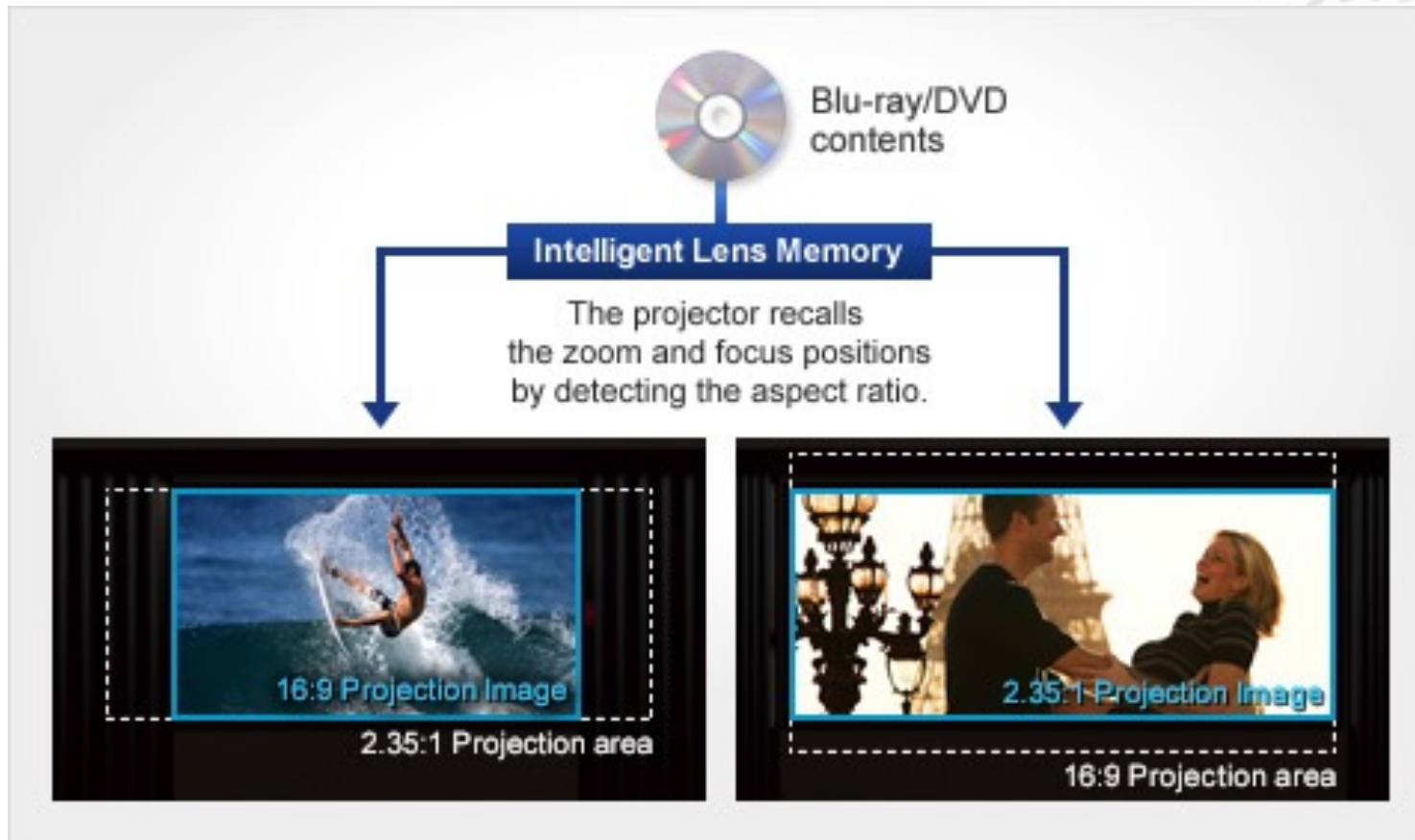
Video, audio and control signals up to 100 meters



- Cost effective for cabling
- Less signal degradation
- Long distance transmission with a single cable

Installation Flexibility

7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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- Lens memory lets you set up the image size, position and focus of the projector lens and store those settings in memory so they can be recalled later.
- Lens Memory function lets you easily enjoy images with different image ratios on a wide 2.35:1 screen for an immersive movie theater-like experience
- 10 set lens memory can be stored. This eliminates the need to continually adjust your settings, providing an efficient and flexible projection solution.

Installation Flexibility

7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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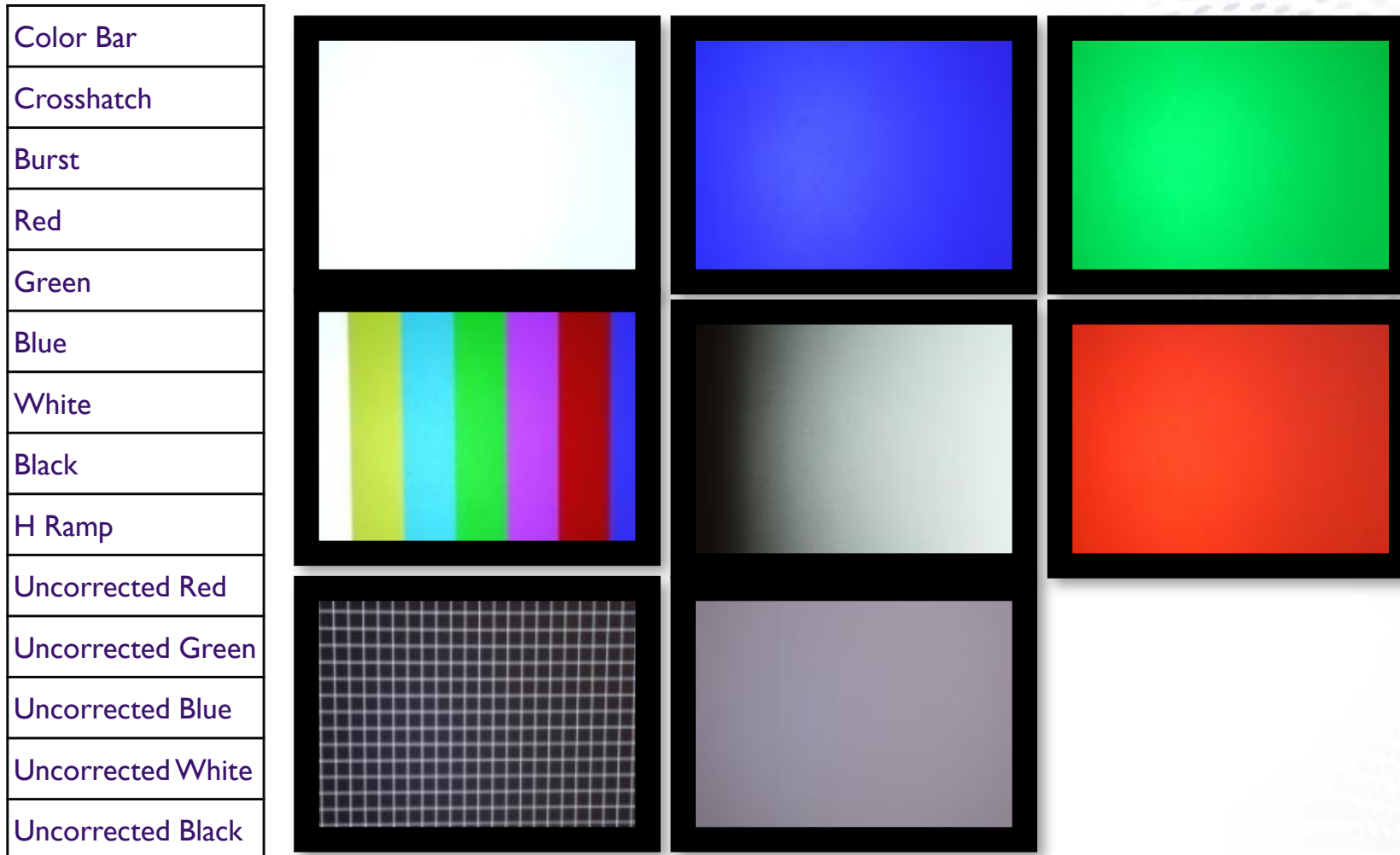


Center Lens Hot Key

- It is equipped with a centre lens design for easy alignment.
- Center Lens hot key enables installer to reset lens position with one key.

Installation Flexibility

7 Optional Lens	Panasonic Lens Compatible	Motorized Zoom/Focus/Shift	360 Degree Projection	HDBaseT	Lens Memory	Central Lens & Lens Hot Key	Test Pattern x 14
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- 14 test patterns for precise setup, including detecting distortion; checking linearity, color reproduction and bleeding.

Brilliant Image Performance

Up to 7,700 lumens

Up to WUXGA

High Contrast

Changeable Color Wheel DLP Long Lasting Color



- High Brightness gives you a clear picture when it comes to all kinds of environment.
- In brighter meeting rooms.
- To project a bigger picture without losing brightness clarity.

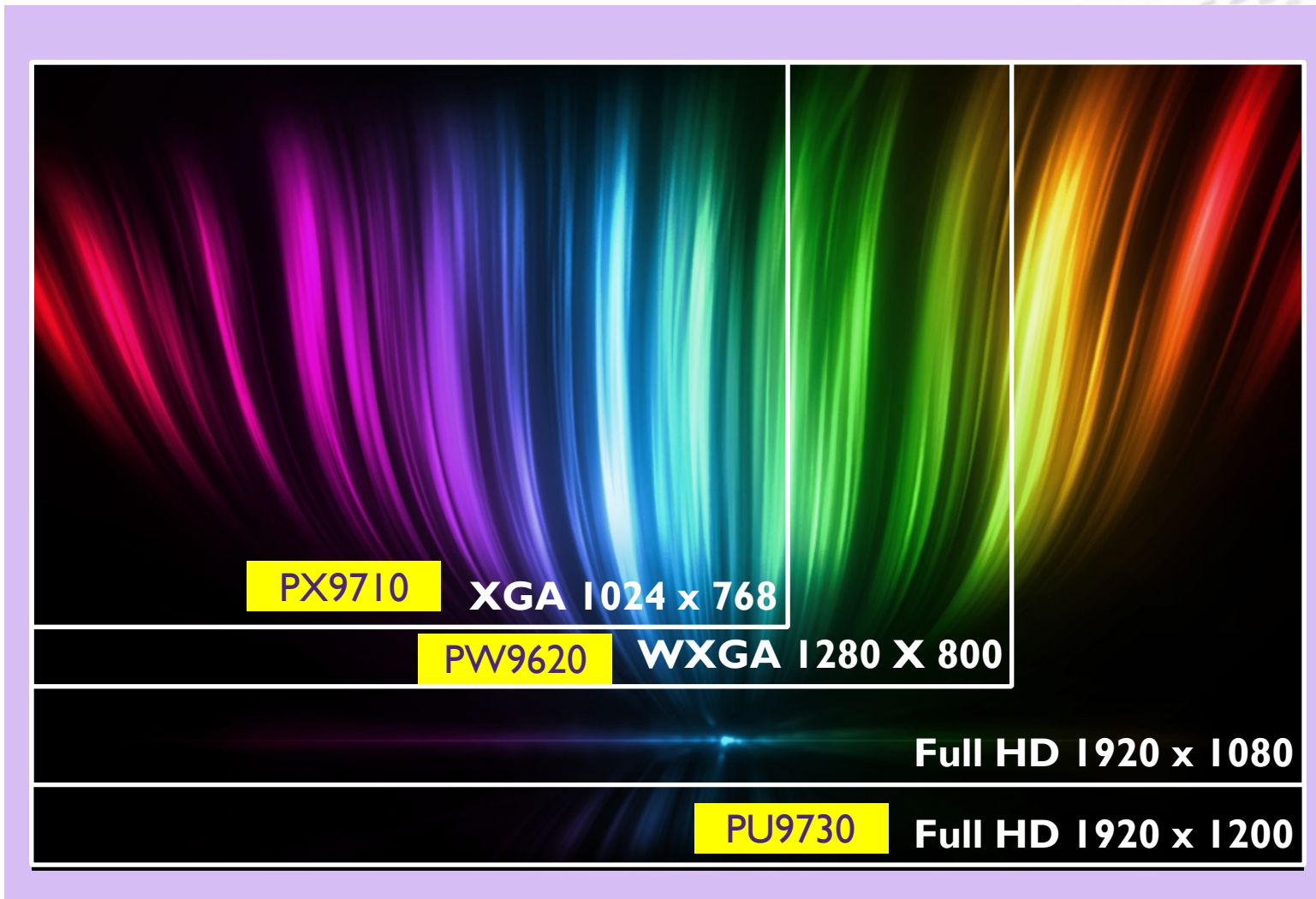
Brilliant Image Performance

Up to 7,700 lumens

Up to WUXGA

High Contrast

Changeable Color Wheel DLP Long Lasting Color



- Display HD video content at its native resolution.
- Enables presenters to show more content to their audience without sacrificing clarity.
- PU9730 is with resolution of WUXGA.

Brilliant Image Performance

Up to 7,700 lumens

Up to WUXGA

High Contrast

Changeable Color Wheel DLP Long Lasting Color



High Contrast



Low Contrast



2,800:1 exceptional contrast for better image quality

- More vivid color performance.
- Dramatic improvement in black level.

Brilliant Image Performance

Up to 7,700 lumens

Up to WUXGA

High Contrast

Changeable Color Wheel

DLP Long Lasting Color



6-segment Color Wheel (Built in)
RGBYCW

For brighter application, such as large meeting rooms, a 6-segment color wheel is used for 7,700 lumens (PX9710), 6,700 lumens (PW9620) and 7,000 lumens (PU9730).



6-segment Color Wheel (Standard Accessory)
RGBYCM

For higher video quality color reproduction, such as watching movies, another 6-segment color wheel can dramatically increase color saturation at mid and low video levels.



Brilliant Image Performance

Up to 7,700 lumens

Up to WUXGA

High Contrast

Changeable Color Wheel

DLP Long Lasting Color



Non-DLP® Projector



Original Color

BenQ DLP® Projector



Original Color



After 2000 Hours of Use



After 2000 Hours of Use



After New Lamp Installed

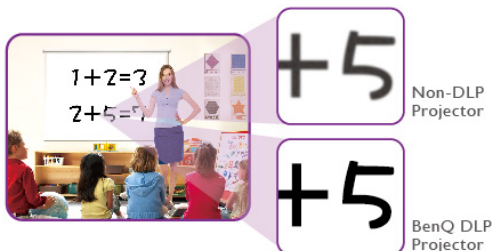


After New Lamp Installed



Non-DLP Projector

BenQ DLP Projector



Non-DLP Projector

BenQ DLP Projector

BenQ DLP Projectors are virtually immune to color decay and preserve vivid, crisp visuals for years to come. DLP Projectors utilize a color wheel with light reflected from millions of micro mirrors embedded on a DMD chip. The mirrors contain no color, but simply reflect pure light and thus cannot suffer any color degradation. After 2,000 hours of intense usage, replacing the projector lamp with a new bulb produces image quality comparable to a brand-new projector.

High contrast ratio critically contributing to fine text readability as well as to clean, crisp image details.

High fill factor means each pixel displays more color and less black border. This superior fill factor results in a higher contrast ratio for deeper black and brighter whites.

Low Maintenance Cost



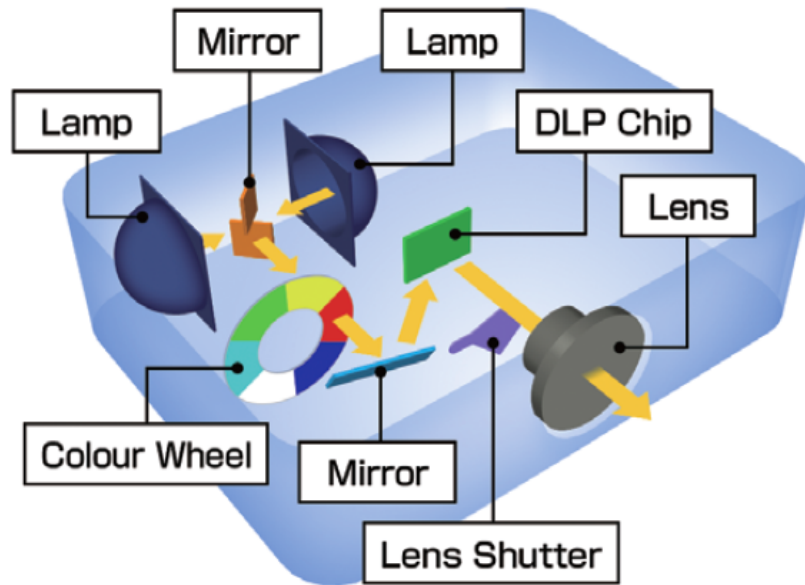
Dual lamps system

Control / Monitor over LAN

Optimized Cooling System

Built-in Filter x 2 (Front/Side)

Clear LED Indicator



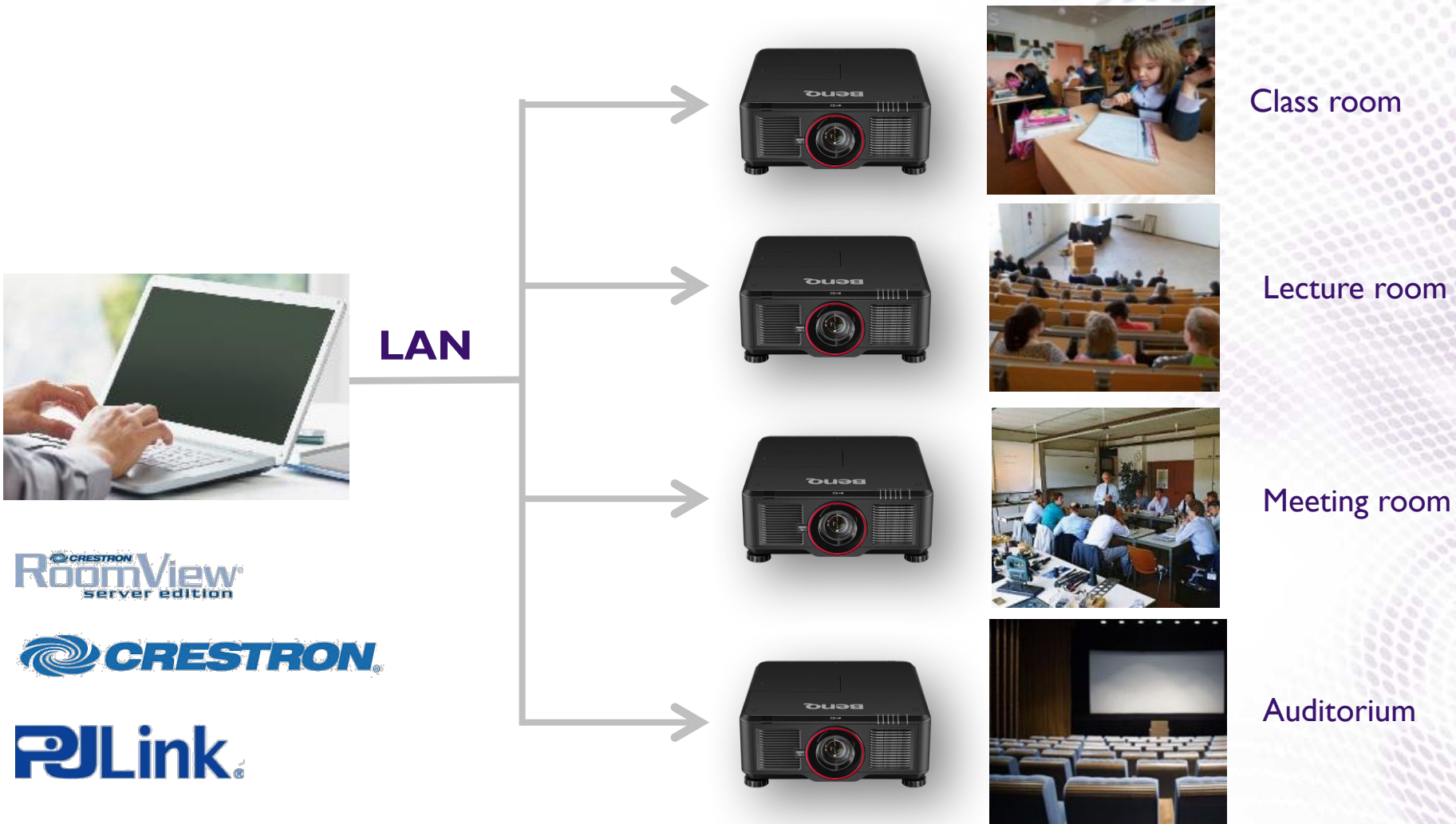
Lamp mode		
<i>Normal</i>	<i>Single lamp</i>	<i>Dual lamps</i>
<i>Eco</i>	<i>Single lamp</i>	<i>Dual lamps</i>

- Dual lamps renders up to four different light configurations and settings depending on the ambient lighting conditions.
- Eliminate the need to interrupt a presentation if a lamp should burn out

Low Maintenance Cost



Dual lamps system	Control / Monitor over LAN	Optimized Cooling System	Built-in Filter x 2 (Front/Side)	Clear LED Indicator
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- Multi-Projector monitoring and controlling is supported through LAN system.
- The LAN terminal is compatible with Crestron and PJLink, open protocols used by many manufacturers.

Low Maintenance Cost

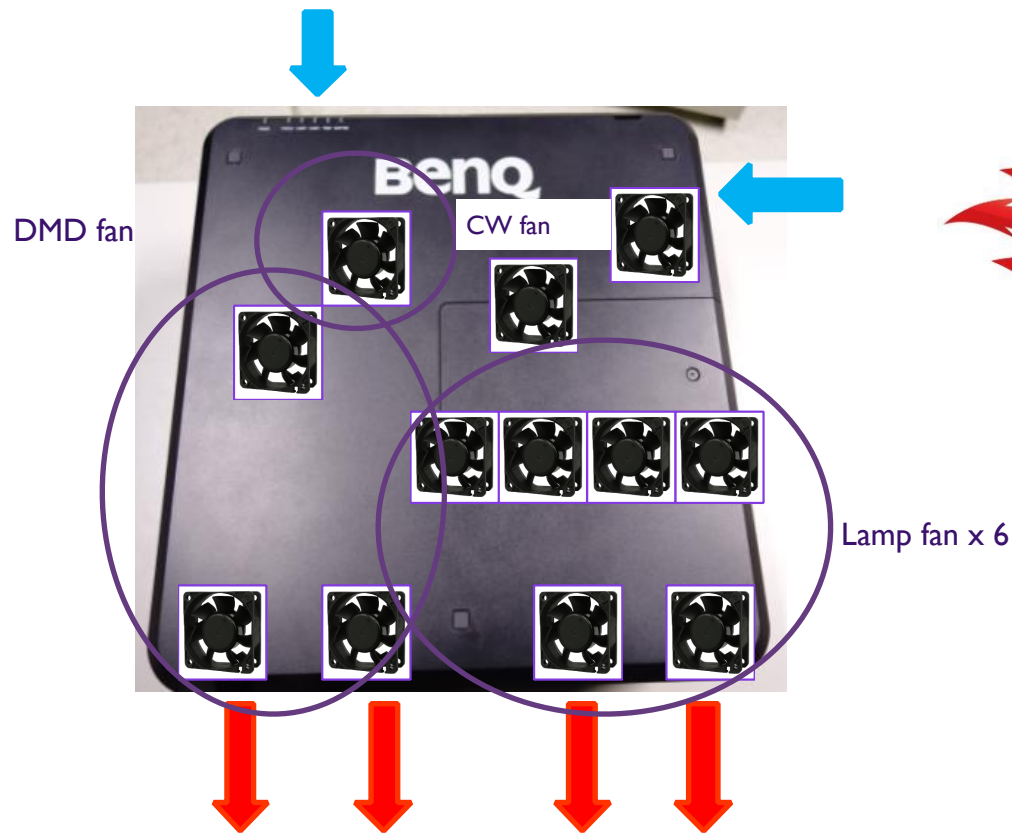
Dual lamps system

Control / Monitor over LAN

Optimized Cooling System

Built-in Filter x 2 (Front/Side)

Clear LED Indicator



Minimize maintenance cost

Reliable image quality

BenQ's unique projector engine cooling system is optimized to operate the projector at a controlled temperature to ensure reliable projection performance each and every time. The minimized risks of heat damage to sensitive internal components greatly help cut down maintenance and repair costs.

- 10 fans built in.
- Making sure that BenQ projectors can be operated under extreme environments.

Low Maintenance Cost

Dual lamps system

Control / Monitor over LAN

Optimized Cooling System

Built-in Filter x 2 (Front/Side)

Clear LED Indicator



Side P/N: 5JJC714.01 I



Front P/N: 5JJC714.00 I

- Two advanced filters for optimized performance.
- Making sure projector's performance under the circumstances that projectors need to be installed during construction period.
- This virtually maintenance-free filter reduces the frequency at which cleaning is required, thereby decreasing your total cost of ownership. Filter replacement is only required at the time the lamp is replaced.

Low Maintenance Cost

Dual lamps system

Control / Monitor over LAN

Optimized Cooling System

Built-in Filter x 2 (Front/Side)

Clear LED Indicator



- Clear LED indicator to facilitate troubleshooting process.

Operation Flexibility

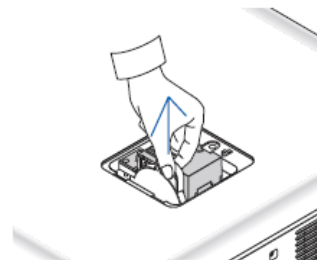
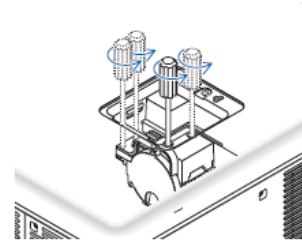
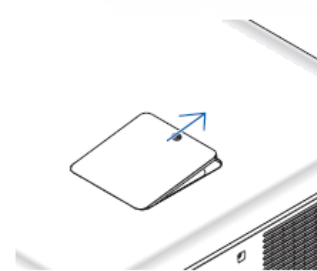
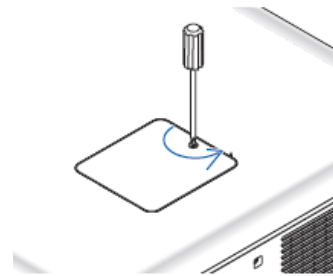
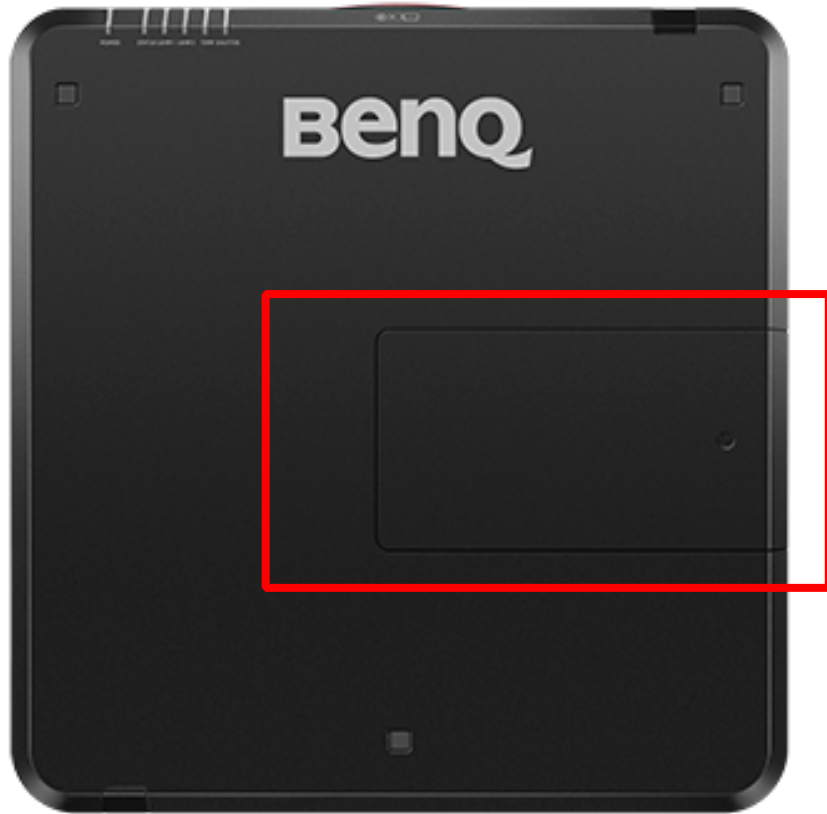
Top Access Color Wheel Door

Direct Power On / Off-line cooling

Quick Release Lens Change Button

Mechanical Shutter

Easy Lamp Replacement



Top Access color Wheel Door makes changing color wheel a easy process.

Operation Flexibility

Top Access Color Wheel Door

Direct Power On / Offline cooling

Quick Release Lens Change Button

Mechanical Shutter

Easy Lamp Replacement



Direct Power On

To turn on the projector when power input is connected.

Offline Cooling

To continue cooling the projector after power is unplugged.

Standby Power <0.5w / Network Standby <6w
Comply with EU Power Consumption Regulatory



- The Direct Power On feature turns on the projector automatically whenever it is connected to a power source, saving operator's hustle.
- Offline Cooling keeps fan working after the projector is turned off and increases its reliability.

Operation Flexibility

Top Access Color Wheel Door

Direct Power On / Offline cooling

Quick Release Lens Change Button

Mechanical Shutter

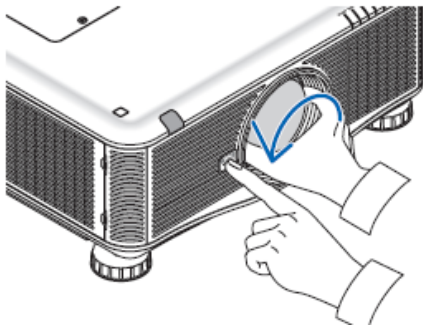
Easy Lamp Replacement



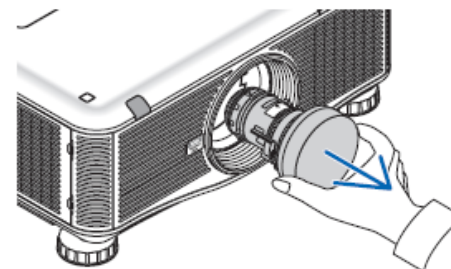
TIPS

- 1.) For our lenses, you should hear two clicks after lenses are properly installed. However, You'll hear one click for Pana. lenses.
- 2.) We tried Panasonic lens here, and encountered similar symptom, please make sure you press the "center lens" button on I/O after you install the lenses.

Center lens button corrects the adjustable zoom and focus range. If calibration is not performed, you may not be able to get the best focus/zoom even if you adjust the focus and zoom for the lens.



1. Press the lens release button and turn the lens counterclockwise.



2. Slowly pull the lens off the projector.

Operation Flexibility

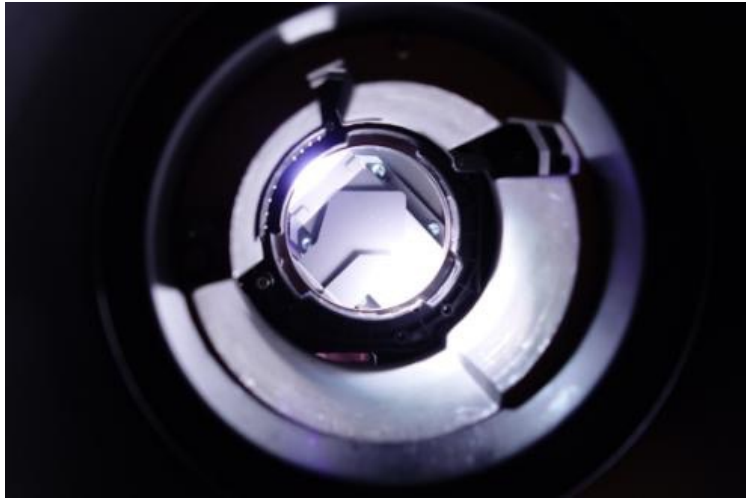
Top Access Color Wheel Door

Direct Power On / Offline cooling

Quick Release Lens Change Button

Mechanical Shutter

Easy Lamp Replacement



- The Mechanical Shutter lets you mechanically block the light to completely blackout the screen, and prevents light leakage from the lens.

Operation Flexibility

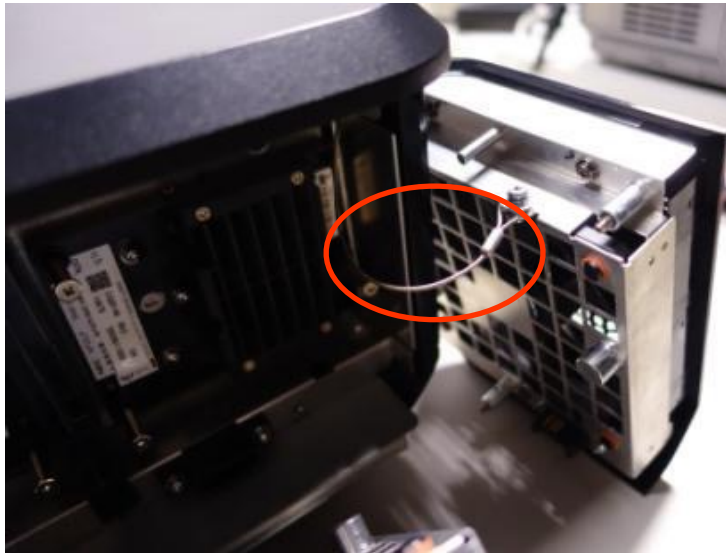
Top Access Color Wheel Door

Direct Power On / Offline cooling

Quick Release Lens Change Button

Mechanical Shutter

Easy Lamp Replacement



- For easier maintenance, you can replace the lamp from rear, makes it easy to replay a lamp unit while the projector is still in the mounting bracket or dual stacked.
- Security wire for safety (red circle)



Because it matters