



P506QL

Bringing big screen 4K UHD into the mainstream





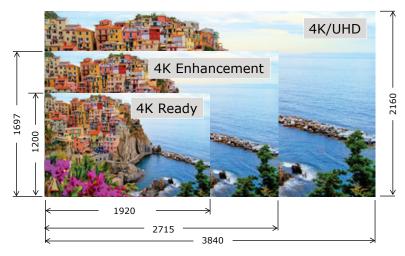
Taking 4K laser projection into new frontiers with a unique combination of brightness and function.

Powerful Performance

- Native 4K UHD (3840 x 2160) resolution produces stunning images with incredible detail
- After startup images appear immediately with breakthrough laser technology
- Advanced laser technology delivers a reliable, maintenance free light source for 20,000 hours
- Integrated software support for Crestron Roomview, AMX Beacon, PJ Link control systems

4K UHD Resolution

- Utilizing the latest DMD chip from Texas Instruments with pixel shift capabilities resulting in an unsurpassed viewable resolution of 8.3million pixels
- Viewable resolution matches standard 4K UHD LCD displays providing consistency when developing content for your presentations



Advanced Connectivity



More Flexible Installations

- Lens shift capabilities make alignment easy: (H = +/-20% / V = +/-60)
- Tilt-free installation capabilities make these projectors ideal for almost any install environment, including portrait orientation



Built-In HDBaseT Support

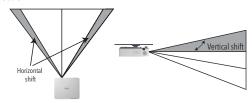
Simplify your installations with HDBaseT. Optimized for video applications and supporting uncompressed digital video, audio, ethernet and various control signals. With only a single cable (up to 100m) to run, infrastructure and labor costs are reduced, installations are significantly easier, and there is no cable clutter to manage.



Advanced Installation Features

Lens Shift

Lens shift provides greater flexibility when determining install location



Tilt-free

The projector can be rotated freely (360°) to orient the image depending on the installation requirements



Portrait mode

Allows the projector to be rotated (and screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the side when landscape mode is used.

UNIQUE FEATURES

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector

 $\textbf{AutoSense}^{\text{TM}}$ automatically syncs with any computer signal and features one-touch image optimization

Discreet source keys for source selection

Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

Built-in HTTP page for control and monitoring over a LAN network. Email notification of error messages or lamp end-of-life can be sent to remote locations.

WARRANTY

Registered owners receive a five (5) years or 20,000 hours (whichever comes first) parts and labor warranty including InstaCare next business day exchange.

SHIPS WITH

Remote control, batteries, power cord, user's manual on CD-ROM, quick start guide, product registration card.

ACCESSORIES

PA600CM Ceiling mount

RMT-PJ39 Replacement remote control

PWRCRD-PJPX Power cable

ORDERING MODEL NUMBERS

NP-P506QL









Display Technology			P506QL
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Description Section Section			
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Projection Distance 5.2 - 2.6.2 ft. / 1.6 - 8m Projection Angle 25.46° tele / 34.5° wide Lens Zoom Ratio 1.5x Throw Ratio 1.127 - 1.697:1 Focus Manual Feat Poul Poul Poul Poul Poul Poul Poul Poul	Laser Life (50%)		20,000 hours
Projection Angle 25.46° tele / 34.5° wide Lens 200m Manual 200m Ratio 1.5x Throw Ratio 1.127 - 1.697·1 Focus Manual Funder, Capable F=1.82-2.43 / f=12.1-18.1mm Signer Manual (ff = √-2.0% / V = -√-60) Keystone Correction Worlical 15.734KHz - 1538Hz (RGB: Hz, 24 - 100KHz) Sprint Discretion Stands Worlical 48 - 100, 120Hz SDHD Video Signat Cwpatibility 4K UHO, 1080p, 10801, 720p, 576p, 576i, 480p, 480i PO Signat Compatibility V6A SVGA, XGA, WIGA, Quad-VGA, SXGA, SXGA, WXGA+, WXGA+, UXGA, WSXGA+, HD, FHD Macintosh Compatibility V6A SVGA, XGA, WIGA V6A, SKGA, SKGA, SKGA, WXGA, Quad-VGA, SXGA, SXGA, WXGA+, WXGA+, UXGA, WSXGA+, HD, FHD Macintosh Compatibility V6A SVGA, XGA, WIGA V6A, SKGA, VGA, WXGA, Quad-VGA, SXGA, SXGA, WXGA+, WXGA+, UXGA, WSXGA+, HD, FHD Macintosh Compatibility V6A SVGA, XGA, WIGA V6A, SKGA, VGA, WXGA, Quad-VGA, SXGA, SXGA, WXGA, QA, WXGA, Q	Screen Size (diagonal)		50 - 310 in. / 1.27 - 7.87m
	Projection Distance		5.2 - 26.2 ft. / 1.6 - 8m
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Lens Focus Manual F-number, focal length F=1.8-2.43 / f=12.1-18.1mm F-number, focal length F=1.8-2.43 / f=12.1-18.1mm Synchronization Range Horizontal 15.734 KHz − 153 kHz (RGB: Hz, 24 − 100 KHz) Synchronization Range Horizontal 48 − 100, 120 Hz SO/HO Video Signal Compatibility 48 × 100, 120 Hz Vertical 48 − 100, 120 Hz Macintosh Compatibility V6 X, SVGA, XGA, WXGA, 0uad-VGA, SXGA, SXGA+, WXGA+, UXGA, WSXGA+, HD, FHD Macintosh Compatibility V6 S Macintosh Compatibility N6 Service Millian Service N6 Service		Zoom Ratio	1.5x
Focus		Throw Ratio	1.127 - 1.697:1
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Synchronization Range Horizontal Vertical 15.734KHz ~ 153kHz (RGB: Hz, 24 ~ 100KHz) SD/HD Video Signal Compatibility 4k UHD, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i PC Signal Compatibility VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, UXGA, WSXGA+, HD, FHD Macintosh Compatibility VGA 15-pin D-sub Macintosh Compatibility VGA 15-pin D-sub Macintosh Compatibility VGA 15-pin D-sub Macintosh Compatibility HDMI w/ HDCP (v2.2) RGB2 (digital) HDMI w/ HDCP (v2.2) RGB2 (digital) HDMI w/ HDCP (v2.2) RGB4 (digital) HDBaseT Audio1 Stero Mini Jack Wired LAN port RL45 (100Base-TX/10Base-T) USB Type A 5V/2.0A power Mini Service External Control RS-232 (D-Sub 9pin), IR, RJ45 Built-in Speaker 10W Input Current 6A Power Requirements 100-240V AC, 50/60 Hz Input Current 6A Foodke Off/ECD Mode Off/ECD Mode Network Standby/ Normal Standby/		Shift	Manual (H = +/- 20% / V = -+/- 60)
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Name		Horizontal	15.734KHz ~ 153kHz (RGB: Hz, 24 ~ 100KHz)
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External Control RS-232 (D-Sub 9pin), IR, RJ45 Built-in Speaker 10W Power Requirements 100-240V AC, 50/60 Hz Input Current 6A Power Consumption (ECO Mode Off/ECO Mode/Network Standby/Normal Standby) Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing			
Built-in Speaker 10W Power Requirements 100-240V AC, 50/60 Hz Input Current 6A Vewer Consumption 6A (ECO Mode Off/ECO Mode/Network Standby/ Normal Standby) 580W / 330W / 2W / 0.5W Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing		Mini	
Power Requirements 100-240V AC, 50/60 Hz Input Current 6A Power Consumption Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear (ECO Mode Off/ECO Mode/Network Standby/Normal Standby) 580W / 330W / 2W / 0.5W Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing			RS-232 (D-Sub 9pin), IR, RJ45
Input Current	<u> </u>		10W
Power Consumption (ECO Mode Off/ECO Mode/Network Standby/ Normal Standby) 580W / 330W / 2W / 0.5W Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing			100-240V AC, 50/60 Hz
(ECO Mode Off/ECO Mode/Network Standby/ Normal Standby) 580W / 330W / 2W / 0.5W Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	· · · · · · · · · · · · · · · · · · ·		6A
Normal Standby) 366W7 35W7 2W7 0.3W Installation Orientation Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Product Dimensions (WxHxD) 18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm) Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing			
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Net Weight 25.4 lbs. (11.5 kg) Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part 15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CANVCSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Shipping Dimensions (WxHxD) 23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm) Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) Regulations UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	Product Dimensions (WxHxD)		18.9 x 6.8 x 15.7 in. (480 x 172 x 400 mm)
Gross Weight 32.0 lbs. (14.5 kg) Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	Net Weight		25.4 lbs. (11.5 kg)
Fan Noise 35dB (ECO mode Off), 32dB (ECO mode) UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	Shipping Dimensions (WxHxD)		23.2 x 11.7 x 19.3 in. (590 x 297 x 490 mm)
UL60950-1:2nd edition, 2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition, 2014, ICES-003 Issue6(ANSI C63.4:2014)	Gross Weight		32.0 lbs. (14.5 kg)
Regulations Part 15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014) Operating Temperature 41-104°F / 5-40°C Humidity 20-80% non-condensing	Fan Noise		35dB (ECO mode Off), 32dB (ECO mode)
Humidity 20-80% non-condensing	Regulations		Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd
	Operating Temperature		41-104°F / 5-40°C
Storage 14° – 122°F / -10° – 50°C	Humidity		20-80% non-condensing
	Storage		14° – 122°F / -10° – 50°C

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