

# SHARP

## P Series

Ideal for higher education classrooms  
and corporate conference rooms

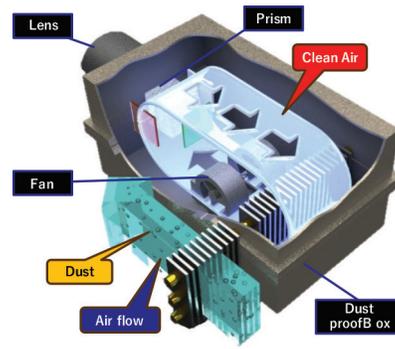
P621U / P701U



# Versatile, maintenance free, and quiet: Entry installation projectors with a reliable laser light source.

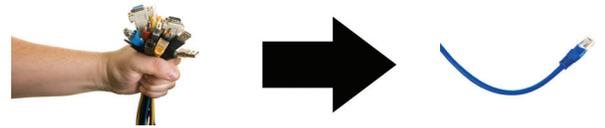
## Eliminate Downtime with Advanced Dust Protection and Longevity

- **Zero Maintenance Requirements:** The IP5x sealed LCD cooling system protects optics from dust, which completely eliminates the need for filter cleanings or replacements.
- **Extended Operational Life:** Benefit from advanced laser technology that provides a consistent, high quality light source for up to 20,000 hours of use. 20,000 hours.



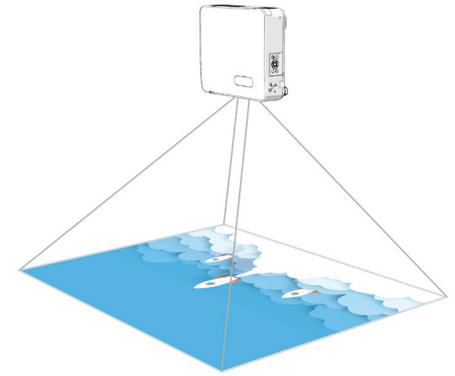
## Simplify Your Setup and Reduce Costs with Single Cable HDBaseT Connectivity

Streamline your installation using a single cable to manage uncompressed HD video, audio, and control signals. This efficient solution eliminates cable clutter while delivering stunning, high definition imagery over distances up to 100m.



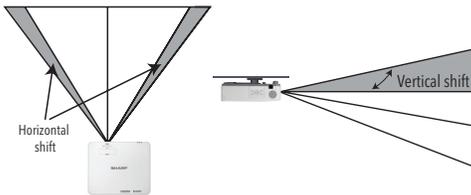
## Flexible Installations

- Broad 1.6x manual zoom lens and manual lens shift capabilities make alignment easy: (H = +/- 20% / V = 0%~+44%)



## Lens Shift

Manual lens shift provides greater flexibility when determining an install location.



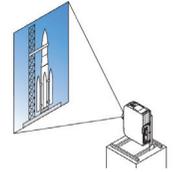
## Roll free

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



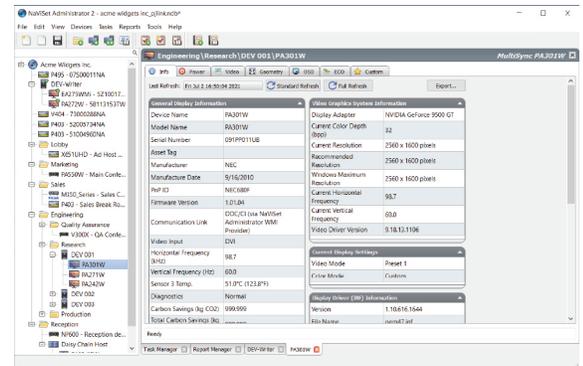
## Portrait mode

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.



## NaViSet Administrator

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of Sharp display devices. It is ideal for multi-device installations over larger infrastructures.



## Powerful Performance

- Lowest audible noise of any projector in this class provides distraction free presentations.
- After startup, images appear immediately with breakthrough laser technology.
- Brightness adjustment and constant brightness mode maximize laser life and allow for a consistent looking image over an extended period of time.
- High performance video processing/scaling supports 4K/30 content and 21:9 aspect ratio for more engaging meeting spaces.



**WHISPER QUIET**

## Unique Features That Make a Difference

**IP5x Sealed LCD cooling system** eliminates the need for a filter which reduces recurring maintenance requirements and lowers TCO

**Broad manual lens shift** provides installers with greater flexibility horizontally and vertically when choosing a mounting location and obstructions in the ceiling are a concern

**Whisper quiet operation** minimizes any distraction created from the sound of the projector in applications where the audience would be sensitive to external noise

**Built-in 16W speaker** can potentially save users from needing a separate audio system in smaller rooms

**Included 2.0A USB power** allows for low-voltage 3rd party devices to be powered directly from the projector eliminating the need for additional electrical outlets in the ceiling

## 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

## In the Box

Remote control, batteries, power cord, lens cap, quick start guide

## Accessories

PA600CM Ceiling mount

## Ordering Model Numbers

XP-P621U-W

XP-P701U-W



		XP-P621U-W	XP-P701U-W
Display Technology		0.64" LCD	
Light Output (lumens)	Normal	6,200 Lumens	7,000 Lumens
	Center	6,500 Lumens	7,400 Lumens
Screen Resolution		WUXGA 1920x1200	
Aspect Ratio		Up to 4K UHD (3840x2160) @ 30Hz via HDMI, HDBaseT	
Contrast Ratio (up to)		16:10 (Supports 4:3, 16:9, 21:9)	
Laser Life		3,000,000:1 (Dynamic)	
Screen Size (diagonal)		20,000 hours (until 50% brightness)	
Projection Distance		30-300 in. / 0.762 to 7.6 m	
Lens	Zoom	2.3 to 22.9 ft. / 0.7 to 7m	
	Throw Ratio	Manual, 1.6x	
	Shift	1.08-1.76:1	
	F-number, focal length	+44% Vertical, +/-20% Horizontal	
Keystone Correction		F: 1.58-2.02, f: 15.3-24.6 mm	
Synchronization Range		+/- 30° horizontal (manual), +/-30° vertical (auto)	
SD/HD Video Signal Compatibility	Horizontal	15 to 100KHz	
	Vertical	50 to 120Hz	
PC Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K UHD	
Macintosh Compatibility		VGA, SVGA, XGA, WXGA, SXGA, WUXGA	
RGB1 (digital)		Yes	
RGB2 (digital)		HDMI w/HDCP (V1.4)	
RGB3 (digital)		HDMI w/HDCP (V1.4)	
HDBaseT (digital)		HDBaseT w/HDCP (V1.4)	
Output Terminals	Audio Out	Stereo Mini Jack (variable)	
Wired LAN		RJ-45 (IEEE 802.3/802.3u 10BASE-T/100BASE-TX)	
USB	Type A	Power (2A)	
	Type B	Service	
External Control		RS-232 (D-Sub 9pin), IR, LAN, HDBaseT	
Built-in Speaker		16W (mono)	
Power Requirements		100-240V AC, 50/60 Hz	
Input Current		3.8A - 1.6A	5A - 2A
Power Consumption (Normal / Long Life / Network Standby / Standby)		315W / 260W / 8W / 0.3W	375W / 305W / 8W / 0.3W
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Product Dimensions (WxDxH)		18.9 x 5.6 x 16.0 in. / 480 x 143 x 407 mm	
Net Weight		21 lbs. / 9.6 kg	
Shipping Dimensions (WxDxH)		23.3 x 10.2 x 19.3 in. / 591 x 259 x 491 mm	
Gross Weight		29 lbs. / 13 kg	
Fan Noise		29 dB normal / 22 dB silent	31 dB normal / 22 dB silent
Regulations		UL (62368-1 3rd ed.), FCC Part15 Class B, FDA Laser Notice 57, Prop65, TPCH	
Operating Conditions	Altitude	0 to 2600 m (8,500 ft), >1,600m/5,500ft req High Altitude (fan mode)	
	Temperature	32-113°F / 0-45°C	
	Humidity	20 to 80% (Non-Condensing)	
Storage Conditions	Altitude	0-12,000m / 0-39,370ft (above sea level)	
	Temperature	14-122°F / -10 50°C	
	Humidity	20% - 80% (Non-Condensing)	

