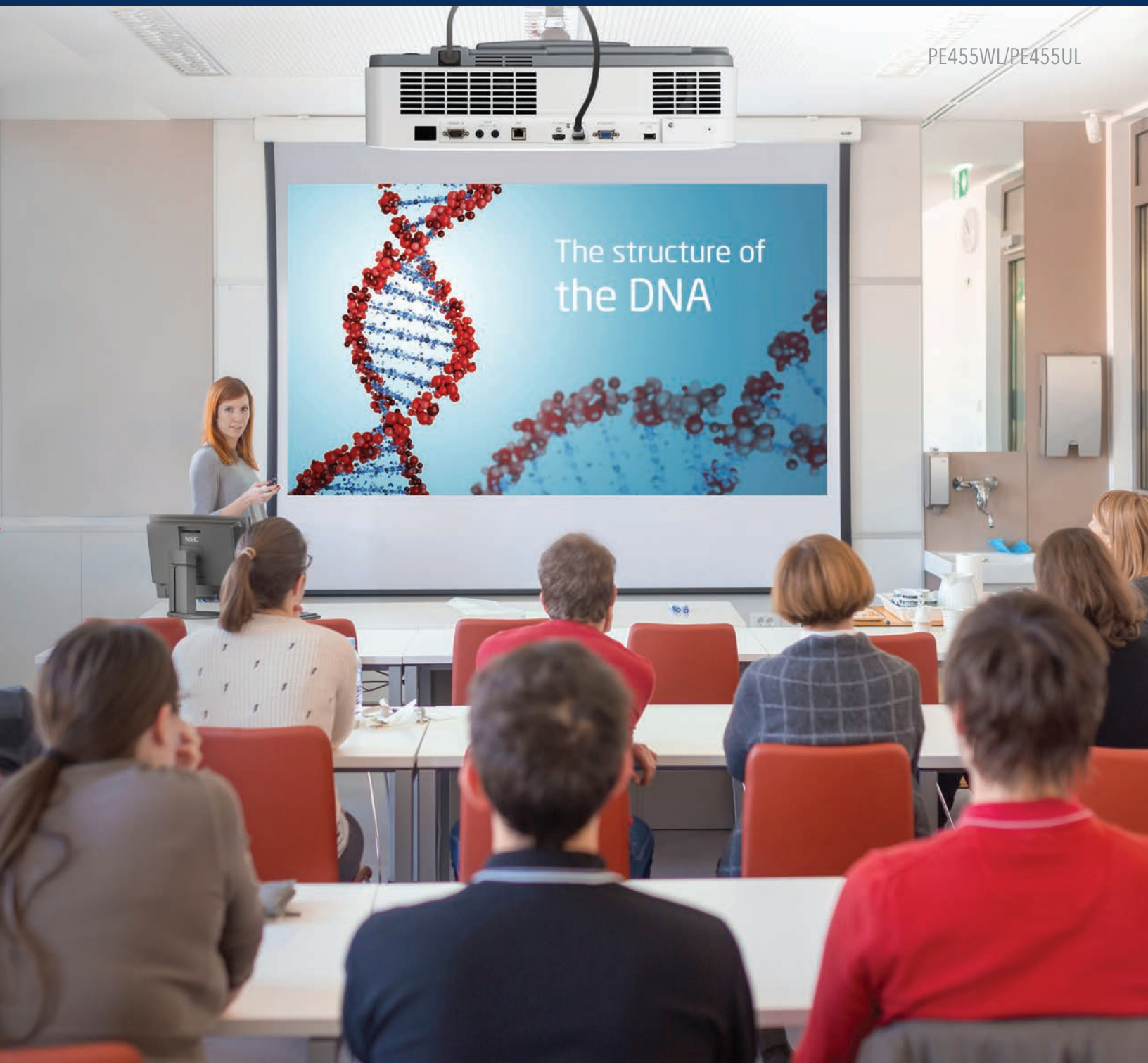


# PE Series

Ideal for classrooms and corporate conference rooms

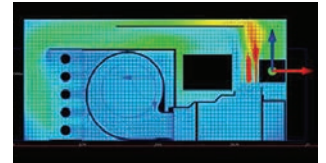
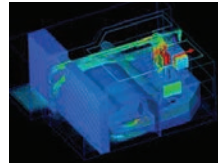
PE455WL/PE455UL



# Versatile, maintenance free, quiet entry installation projectors with a reliable laser light source.

## No Maintenance Projection Solution

- NEC's sealed LCD cooling system prevents dust from reaching the optics and eliminates the need for a filter
- Advanced laser technology delivers a reliable light source up to 20,000 hours



NEC's patented LCD panel cooling system

## 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
- Integrated software support for Crestron Roomview, AMX Beacon, PJ Link control systems



WHISPER QUIET

**4K**UHD  
READY

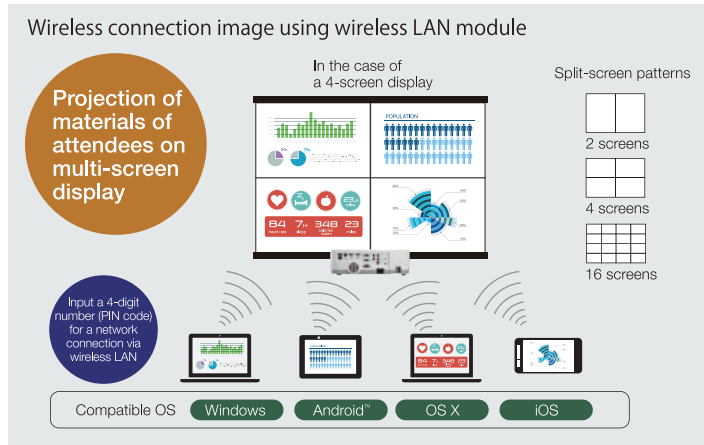
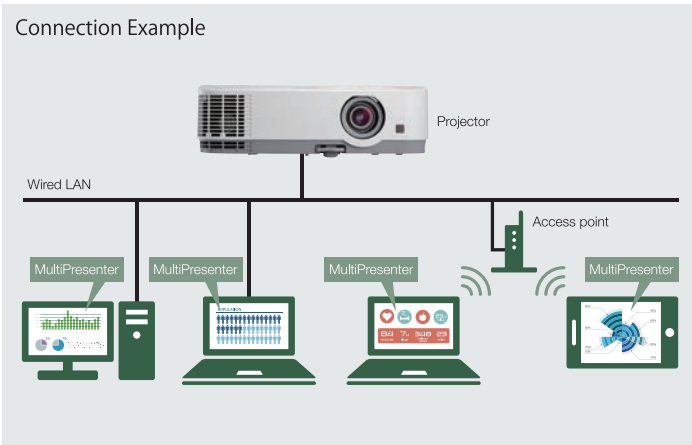
## More Flexible Installations

- Lens shift capabilities make alignment easy
- Tilt-free installation capabilities make these projectors ideal for almost any install environment, including portrait orientation
- Horizontal & vertical keystone adjustment along with cornerstone and pincushion provides the ability to square the image to the screen



## MultiPresenter

MultiPresenter is application software that lets you display your device's screen (PC, tablet, smart phone, etc.) on the receiver projectors via wired or wireless LAN. MultiPresenter is free and available on Windows, Mac, iOS, and Android. MultiPresenter can send images from your various devices, which enables you to display real-time images with the internal camera or web pages on the smart devices in combination with a file sharing application.



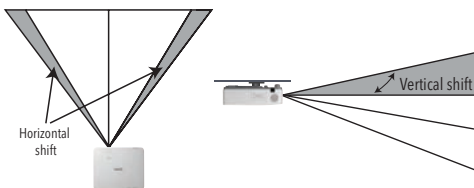
### Advanced Networking Capabilities

- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Control and receive important broadcast messages via Crestron Roomview™
- MultiPresenter enables up to 16 wireless devices to be connected to the projector simultaneously with access controlled by the moderator.
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely
- Simple Access Point Sending photos and documents have never been easier from a computer or iPad.

### Advanced Installation Features

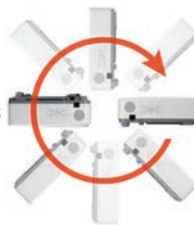
#### Lens Shift

Lens shift provides greater flexibility when determining install location



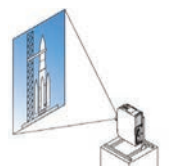
#### Tilt-free

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

**AutoSense™** 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

SCP200	Suspended ceiling plate
PA600CM	Ceiling mount
NP05LM1	Wireless LAN Module
RMT-PJ39	Replacement remote control
PWRCD-PJPX	Power cable
RGBCBL-PJPX	RGB cable

## ORDERING MODEL NUMBERS

NP-PE455WL  
NP-PE455UL



		PE455WL	PE455UL
Display Technology		0.64" LCD w/ MLA	
Light Output (lumens)	Center	4700	
	ECO mode OFF	4500	
	ECO mode ECO	2700	
	ECO mode LONG LIFE	2250	
	CONSTANT BRIGHTNESS	56-77%	50-70%
Resolution	Native	WXGA 1280 x 800	WXGA 1920 x 1200
	Maximum	Up to 4K@30Hz (3840x2160) with Advanced AccuBlend	
Contrast Ratio (up to)		450,000:1 with Light Adjust	
Laser Life (50%)		20,000 hours	
Screen Size (diagonal)		25 - 300 in. / 0.6 - 7.6m	
Throw Ratio		1.2 - 2.1:1	1.2 - 2.0:1
Projection Distance		2.6 - 44.3 ft. / 0.8 - 13.5m	
Projection Angle		0 - 9.6° tele / 0 - 15.9° wide	0 - 10.8° tele / 0 - 17.0° wide
Lens	Zoom	Manual	
	Zoom Ratio	1.7x	1.6x
	Focus	Manual	
	F-number, focal length	F=1.7~2.2 / f=17.4~29.0mm	F=1.5~2.1 / f=17.2~27.6mm
	Shift	"Manual (H = +/- 26% / V = -0%~+55%)"	"Manual (H = +/- 29% / V = -0%~+60%)"
Keystone Correction		+/- 30° horizontal, +/- 30° vertical	
Synchronization Range	Horizontal	15 to 100KHz (RGB: 24kHz or over)	
	Vertical	50-120 Hz	
Supported Video Standards		NTSC3.58/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM	
SD/HD Video Signal Compatibility		4K, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
PC Signal Compatibility		VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, WXGA++, WSXGA+, WUXGA	
Macintosh Compatibility		Yes	
Input Terminals	RGB1 (analog)	VGA 15pin D-Sub	
	RGB2 (digital)	HDMI (w/HDCPv1.4)	
	RGB3 (digital)	HDMI (w/HDCPv1.4)	
	Audio1	Stereo Mini Jack	
	USB Type A	Memory, (2A)	
	USB Type A (behind cover)	Wireless LAN (optional)	
	USB Type B (behind cover)	USB Service	
Output Terminals	Audio Out	Stereo Mini Jack	
Wired LAN port		RJ45 (100Base-TX/10Base-T)	
External Control		RS-232 (D-Sub 9pin), IR, RJ45	
Speaker		16W (mono)	
Power Requirements		100 - 240V AC, 50/60Hz	
Input Current		4.5A/1.8A	4.9A/2.0A
Power Consumption	ECO mode OFF	279W	316W
	ECO mode ECO	216W	226W
	ECO mode LONG LIFE	191W	203W
	Standby (network)	1.6W	
	Standby (normal)	0.13W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Dimensions (WxDxH)		18.9 x 16.0 x 5.6 in. (480 x 407 x 142.5 mm)	
Net Weight		20.7 lbs. (9.4 kg)	
Carton		23.3 x 19.3 x 10.2 in. (591 x 491 x 259 mm)	
Gross Weight		27.6 lbs. (12.5 kg)	
Fan Noise	ECO mode OFF	27dB (HIGH BRIGHT) / 24dB (OTHERS)	
	ECO mode ON	22dB (ECO)	
Regulations	USA	UL60950-1:2nd edition,2014, UL62368-1:2nd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH	
	Canada	CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)	
Operating Temperature		41° - 104°F / 5° - 40°C	
Humidity		20-80% non-condensing	
Storage		14° - 122°F / -10° - 50°C	

Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit [www.necdisplay.com](http://www.necdisplay.com) for details.



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