Preliminary

DUKANE

6500 & 6400 SERIES

Versatile projectors ideal for K-12 classrooms

Preliminary

Flexible classroom projectors offer powerful performance, low maintenance and low cost

Easy to use and at the right price, 6500 and 6400 Series projectors provide the essential features that you need for brilliant display in classrooms and meeting rooms while providing low cost of ownership with minimal maintenance.

LONG LAMP LIFE
10,000 normal / 20,000 eco

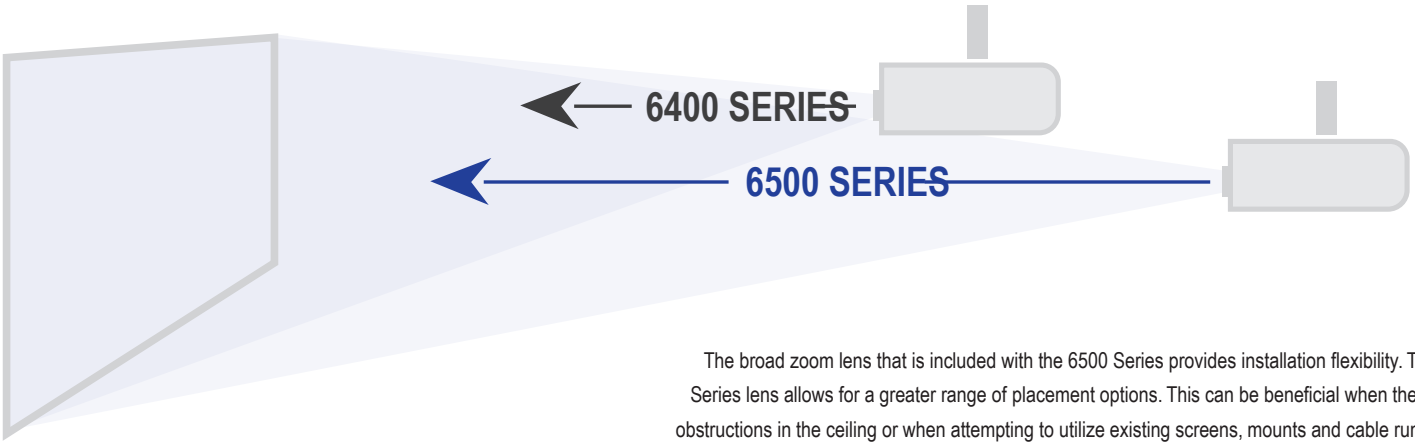
Essential Features for Educational Facilities

- Featuring XGA, WXGA and WUXGA native resolutions, brightness up to 4500 lumens and patented Dukane technologies, 6500 & 6400 series LCD projectors display impressive images and videos
- Powerful 16-watt speaker provides volume needed for typical classrooms
- Plug-and-Play intuitive setup and operation
- Variable audio control of external speakers using the projectors remote control
- Sufficient connections for multiple sources with Dual HDMI inputs, computer, video and monitor loopthrough
- Keystone correction technology ensures a square image even when the projector is set up at a steep offset angle to the screen
- AutoSense™ intuitively syncs the projector with most computer signals and features one-touch image optimization
- One-touch source changes and complete menu control using the projector keypad
- Wall Color Correction for vivid images even without a screen

Low Maintenance Environmental Design

- Extended lamp life with ECO Mode™ technology increases lamp life up to 20,000 hours, while lowering power consumption
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On when a signal is detected from a computer
- Carbon savings calculates the positive effects of operating the projector in ECO Mode, which is encouraged by an optional message at startup. A green ECO Mode button on the remote control makes the switch easy.
- Quick start (3 to 4 seconds) lets you begin presenting in seconds
- Sleep timer can be set to automatically turn off the projector at set countdown times
- Low power consumption (0.5W in stand-by mode) minimizes energy costs

Zoom Lens Comparison



The broad zoom lens that is included with the 6500 Series provides installation flexibility. The 6500 Series lens allows for a greater range of placement options. This can be beneficial when there are obstructions in the ceiling or when attempting to utilize existing screens, mounts and cable runs. A broad zoom lens can reduce installation costs and ensure sharp images that fill the screen properly.

Advanced Functions

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.

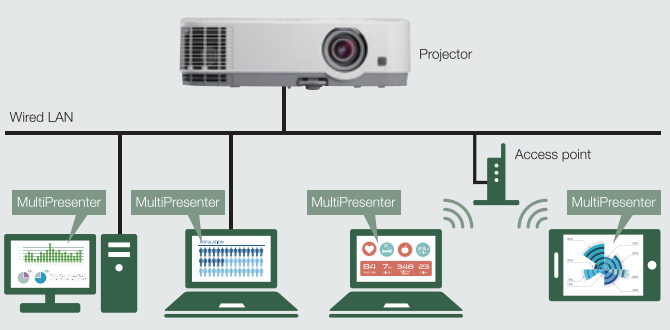
MultiPresenter™

Desktop Version (Win/Mac)

Computer audio and video data (audio can be transmitted only when using Windows) can be transmitted via a wireless or wired LAN.

- Easy Connection
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.
- Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.
- Projector control

Connection Example

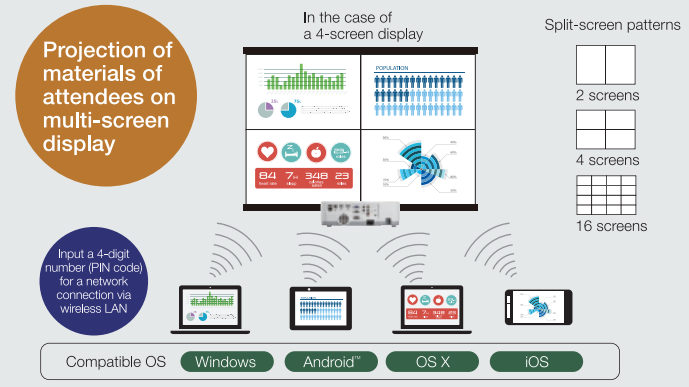


Mobile Version (Android/iOS)

You can transmit files, photos, camera images, files of web pages, and other information stored on Android or iOS devices via a wireless LAN.

- Easy Connection
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.
- Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.
- Projector control

Wireless connection image using wireless LAN module



		6445X	6442W	6545X	6542W	6540U
Display Technology		0.63" LCD	0.64" LCD	0.63" LCD	0.64" LCD	0.64" LCD
Light Output (lumens)	Center (Boost)	4,700	4,400	4,700	4,400	4,200
	ECO mode OFF (Boost)	4,500	4,200	4,500	4,200	4,000
	Normal ECO mode	Approximately 75%				
	ECO mode	Approximately 63%				
Resolution	Native	XGA 1024 x 768	WXGA 1280 x 800	XGA 1024 x 768	WXGA 1280 x 800	WUXGA 1920 x 1200
	Maximum	Up to WUXGA (1920x1200) with Advanced AccuBlend				
Contrast Ratio (up to)		16,000:1				
Light Source (lamp)	Boost	240W				
	ECO mode OFF	225W				
	Normal ECO mode	180W				
	ECO mode	150W				
Lamp Life (50%)*	Boost	8,000 hours				
	ECO mode OFF	10,000 hours				
	Normal ECO mode	12,000 hours				
	ECO mode	20,000 hours				
Screen Size (diagonal)		30 - 300 in. / 0.76 - 7.62m				
Projection Distance		2.9 - 35.9 ft. / 0.9 - 10.9 m		2.6 - 42.3 ft. / 0.8 - 12.9 m		
Projection Angle		0 - 9° tele / 0 - 10° wide (at 60")		0 - 7° tele / 0 - 11° wide (at 60")		
Lens	Zoom	Manual				
	Zoom Ratio	1.2x		1.7x		1.6x
	Throw Ratio	1.5 - 1.8:1	1.4 - 1.6:1	1.3 - 2.2:1	1.2 - 2.1:1	1.2 - 2.0:1
	Focus	Manual				
	F-number, focal length	F:1.6~1.76 /f=19.158~23.018mm		F:1.7~2.2 /f=17.4~29mm		F:1.5~2.08 /f=17.2~27.7mm
Keystone Correction		+/- 30° horizontal (manual), +/- 30° vertical (manual + auto)				
Synchronization Range	Horizontal	15-100kHz (RGB: 24kHz or over)				
	Vertical	50-120Hz				
SD/HD Video Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p				
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA				
Macintosh Compatibility		Yes				
Input Terminals	RGB1 (analog)	VGA 15-pin D-sub				
	RGB2 (digital)	HDMI w/ HDCP (v2.0)				
	RGB3 (digital)	HDMI w/ HDCP (v2.0)				
	Video	RCA				
	Audio1	Stereo Mini Jack				
	Audio2	RCA (L/R)				
Output Terminals	Audio Out	Stero Mini Jack				
Wired LAN port		RJ45 (100Base-TX/10Base-T)				
USB	Type A	Wireless LAN (optional), Memory, (1.5A)				
	Type B	Service				
External Control		RS-232 (D-Sub 9pin), IR, LAN				
Built-in Speaker		16W				
Power Requirements		100-240V AC, 50/60 Hz				
Input Current		TBD	TBD	TBD	TBD	TBD
Power Consumption	Boost	TBD	TBD	TBD	TBD	TBD
	ECO mode OFF	TBD	TBD	TBD	TBD	TBD
	Normal ECO mode	TBD	TBD	TBD	TBD	TBD
	ECO mode	TBD	TBD	TBD	TBD	TBD
	Standby (network)	2.0W or less	2.0W or less	2.0W or less	2.0W or less	2.0W or less
	Standby (normal)	0.5W or less	0.5W or less	0.5W or less	0.5W or less	0.5W or less
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear				
Product Dimensions (WxHxD)		13.6 x 4.3 x 10.3 in. (345 x 108.4 x 261 mm)				13.6 x 4.5 x 11.2 in. (345 x 113.5 x 284.5 mm)
Net Weight		7.1 lbs. (3.2 kg)				7.7 lbs. (3.5 kg)
Shipping Dimensions (WxHxD)		17.7 x 7.8 x 15.4 in. (450 x 200 x 390 mm)				
Gross Weight		10.4 lbs. (4.7 kg)				11.0 lbs. (5.0 kg)
Fan Noise		37dB (ECO mode Off), 29dB (ECO mode)				
Regulations		USA: UL (UL60950-1/UL62368-1) FCC Part15 Class B, Canada: CAN/CSA (62368-1-14) ICES-003 Issue 6				
Operating Temperature		41-104°F / 5-40°C				
Storage		14-122°F / -10-50°C				
Humidity		20-80% non-condensing				

UNIQUE FEATURES

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

Quick start and direct power off improve efficiency and auto power options can lower power consumption

Enhanced security settings help prevent unauthorized access, image adjustments and theft

Improved MultiPresenter function allows easy image sharing from a computer or mobile device via the network

WARRANTY

Registered owners receive a 3 year parts and labor warranty including InstaCare next business day exchange. The lamp is covered for one year or 1,000 hours, whichever comes first.

SHIPS WITH

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

ORDERING MODEL NUMBERS

6545X **6442W**
6540U **6445X**
6542W

Accessories

NP47LP	Replacement Lamp
RMT-PJ39	Replacement Remote Control
NP05LM1	802.11b/g/n Wireless LAN Adapter
MP300CM	Ceiling mount
NP01UCM	Universal ceiling mount
NP402CASE	Soft Sided Carry Case
PWRCRD-VT70	Power Cord
NECEW4YR-ME	Extends term of parts and labor warranty to 4 years including InstaCare
NECEW5YR-ME	Extends term of parts and labor warranty to 5 years including InstaCare

6540U

6400 Series

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