XT5100 and SX6000 Nighthawk Series™ Projectors

XT5100 4,500 ANSI lumens

SX6000 5,000 ANSI lumens

XT5100 Native XGA -
up to UXGA with Advanced
AccuBlend™

SX6000 Native SXGA -
up to UXGA with Advanced
AccuBlend

3 chip .9″ DLP™ system

VORTEX Technology™

AutoSense™ Technology

Lens indexing for all memory
locations

Compatible with XT5000 lenses

Superior Reliability

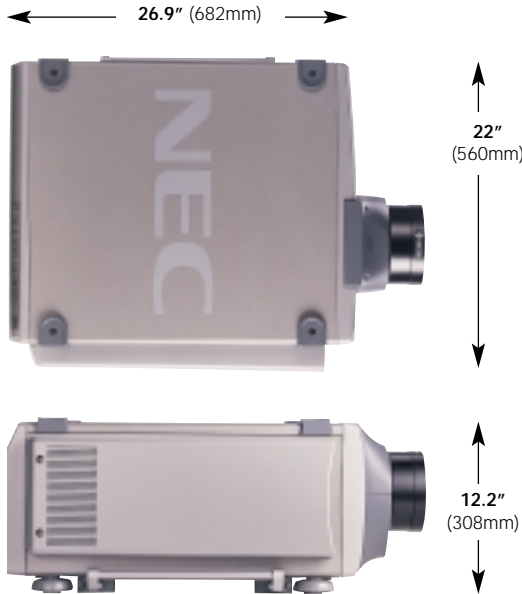## The perfect choice for mid to large size venues requiring superior image quality and clarity.

The XT5100 and SX6000 offer superior image quality and reliability in a flexible design that is easy to transport, operate and store. Powered by a unique 3 chip .9-inch DLP system, the XT5100 and SX6000 feature a compact design that provides superior brightness and resolution. These 5,000 ANSI lumen HLO™ projectors feature native XGA resolution (XT5100) and native SXGA native resolution (SX6000) and can provide detailed and focused non-native resolution up to UXGA with Advanced AccuBlend technology.

The XT5100 and SX6000 incorporate a wide variety of inputs, giving them tremendous installation flexibility. And NEC exclusive AutoSense Technology automatically synchronizes and adjusts the protector to optimize incoming computer and video signals, eliminating time-consuming manual adjustments. The SX6000 also offers an optional HD Serial Digital Interface (SDI) input card, allowing for a true digital interface with serial digital playback devices, resulting in the best possible image with no loss in quality.

The lens indexing feature helps save a significant amount of set up time by storing key lens positions in the projector's memory, while further reducing costs by utilizing compatible XT5000 lenses.

Solutions with Vision

XT5100 and SX6000

26.9" (682mm)

22"
(560mm)

12.2"
(308mm)

Lenses

Stacker Frame

Special Features

VORTEX™ Technology	Provides improved uniformity, color, depth and detail for data and video images
Advanced AccuBlend™	Ensures detailed images when non-native resolution sources are connected to the projector
AutoSense™	Automatic set-up and one touch adjustments for ease of use

For more information, call **(800) NEC-INFO**
or visit **http://www.nectech.com**

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Optical

Panel DMD .9" x 3	XT5100: 1024x768 native resolution up to 1600x1200 with Advanced AccuBlend Technology™ SX6000: 1280x1024 native resolution up to 1600x1200 with Advanced AccuBlend Technology
Lamp	1.0 kW Bubble type short arc Xenon
Lamp Life	1,500 hrs. normal mode,1,000 hrs. high bright mode
Light Output	XT5100: 4500 ANSI lumens full light output at 200V/240V SX6000: 5000 ANSI lumens full light output at 200V/240V
Brightness Uniformity	>80% edge to center
Contrast Ratio	400:1 Full on/off, 250:1 ANSI
Lens Mount	Motorized horizontal & vertical lens shift Indexed zoom and focus built-in lens shutter
Lens Options	1.5-2.5:1 (Indexed-Power Zoom & Power Focus) 2.5-4.0:1 (Indexed-Power Zoom & Power Focus) 4.0-7.0:1 (Power Zoom & Power Focus) 0.84:1 (Short Throw)
Image	Size 80-500" diagonal

Electrical

Scan Rate	XT5100		SX6000	
		Horizontal 15-107 kHz Vertical 24-120 Hz Pixel Clock 100 MHz		Horizontal 15-107 kHz Vertical 24-105 Hz Pixel Clock 200 MHz
Inputs		RGB/YCr/Pr, Cb/Pb (2) 5-BNC RGB H(HV),V (1) D-dub 15 pin YPbPr/YCrCb (1) 3-RCA Video (1) BNC (1) RCA S-Video (1) S-Video Terminal Y/C (1) 2-BNC PC CARD (1)		
Digital I/O		RGB DIGITAL (1) DVI-D PanelLink 24-pin (Max resolution: SXGA 60Hz) (1) DVI-D Process Out 24-pin SDI (Option) (1) BNC (1) BNC Loop-out Component SMPTE 259M Level C,4:2:2 525/625		
Input Compatibility		NTSC, PAL, SECAM, HDTV (1080I, 720p, 480p), VGA, SVGA, XGA, SXGA, UXGA, MAC		
Video		3D Y/C Separation Telecine Detect: 3:2 pull down correction		
Display Resolution		RGB: 1280x1024 NTSC/PAL: 500 TV Lines SECAM: 300 TV Lines		
Acceptable Sync		Separate Sync/Composite Sys Sync/Sync on Green		
Memory		100 individual memory locations, PCMCIA Data Back-up		
Menu		Pull down multilingual on-screen display-Systems English/German/French/Italian/Spanish/Swedish/Japanese		
Keystone Correction		Digital through Advanced AccuBlend Technology™ Range 0 - ± 7.5°		
External Control		RS232C (1) D-sub 9 pin Contact Closure Switcher (2) D-sub 15 pin In/Out		
Power Requirement		100-120 / 200-240 VAC, 50/60Hz		
Input Current		11 / 7.5 A		
Power Consumption		1.1 / 1.5 kW		

Mechanical

Installation Orientation:	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Stacking up to 3 projectors can be gravity stacked without external support
Dimensions (WxDxH)	22.0" x 26.9" x 12.2" with feet (lens or handles not included) 560mm x 682mm x 308mm with feet (lens or handles not included)
Net Weight	94.8 lbs (43 Kg)
Fan Noise	51db
Environment	Operational Temperature: 40° - 95°F / 5° - 35°C Humidity: 20-80% non-condensing Storage: 14° - 122°F / -10° - 50°C
Regulations	USA UL 1950 FCC Class A Canada CSA 950 (C-UL)
Accessories	Users manual, wired/wireless Included addressable remote control, power cable, remote cable
Warranty	Projector: 1-year limited, parts & labor (excluding lamp) Lamp: 90 days or rated lamp life

Product/Accessories

XT5100	XT5100 Projector
SX6000	SX6000 Projector
TL-1Z	1.5-2.5:1 Zoom lens
TL-2Z	2.5-4.0:1 Zoom lens
TL-4Z	4.0-7.0:1 Zoom lens
TL-08SF	0.84:1 Fixed short throw lens
XT-SDI-Board	D1 Serial interface board
SX-HD-SDI-Board	HD Serial interface
XT-D-Cable5M	5M Digital cable
XT-CMKIT	Ceiling mount kit XT series
XT-InstaCare	InstaCare option, 1 year coverage
XTLP	1 kW Replacement lamp exchange
XTLPHOUSE	1 kW Replacement lamp w/housing
XTCASE	Shipping/storage case
XTFRAME	Stacking frame

Specifications subject to change without notice.

NEC 040111 7.5K

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