



SX6000 and XT5100

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 all Nighthawk
Series™ lenses

Superior Reliability



Nighthawk™
SERIES HLO PROJECTORS

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

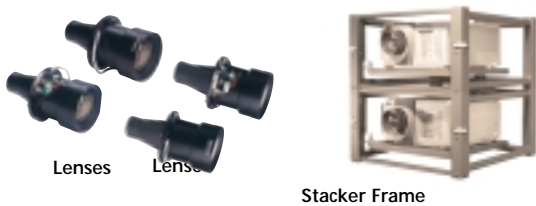
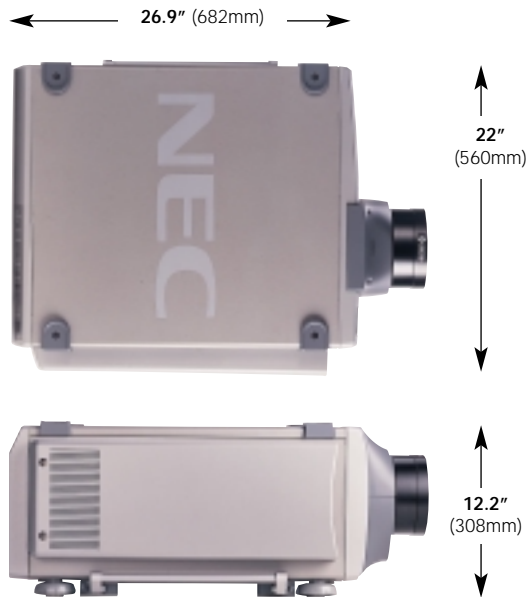
The XT5100 and SX6000 offer superior image quality and reliability in a flexible design that is easy to transport, operate and store. Powered by a unique 3 chip .9-inch DLP system, the XT5100 and SX6000 feature a compact design that provides superior brightness and resolution. These 5,000 ANSI lumen 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's exclusive AutoSense Technology automatically synchronizes and adjusts the projector 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.



SX6000 and XT5100



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

Optical

Panel DMD .9" x 3	XT5100: 1024x768 native resolution up to 1600x1200 with Advanced AccuBlend Technology™ SX6000D: 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 SX6000D: 5000 ANSI lumens full light output at 200V/240V
Brightness Uniformity	>80% edge to center
Contrast Ratio	SX6000D-800:1 XT5100-400:1 Full on/off
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	Horizontal 15-107 kHz Vertical 24-120 Hz Pixel Clock 100 MHz	SX6000D	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
SX6000D	SX6000D 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
XTRFRAME	Stacking frame

Specifications subject to change without notice.

