



SX10000D and XT9000

Nighthawk™
SERIES HLO PROJECTORS

SX10000D 9,500 ANSI lumens

XT9000 10,000 ANSI lumens

XT9000 Native XGA -

up to UXGA with Advanced
AccuBlend™

SX10000D Native SXGA - up to UXGA
with Advanced AccuBlend

3 chip .9" DLP™ system

Integrated dust control

Lens indexing for all memory
locations

Compatible with all Nighthawk™
Series lenses

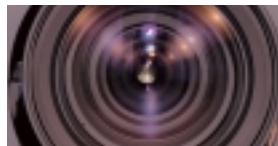
Superior Reliability

Perfectly suited for large rental, staging and permanent installations.

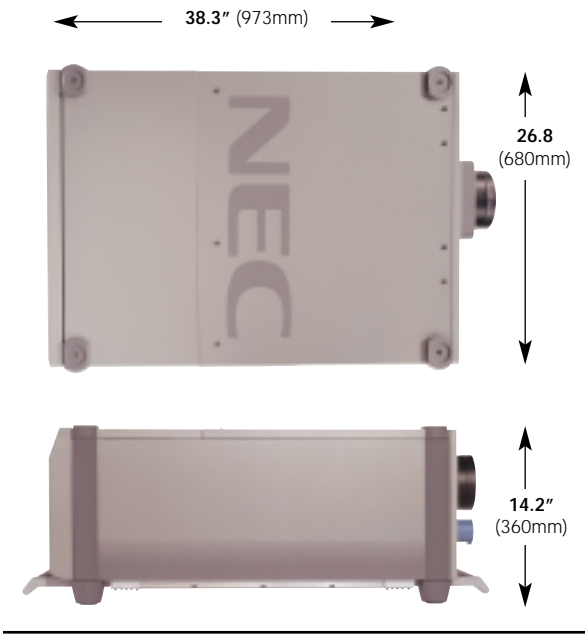
The XT9000 and SX10000D provide the ultimate combination of high light output and unmatched reliability and flexibility. Powered by a unique 3 chip .9-inch DLP system, the XT9000 and SX10000D feature a sleek, compact design with sophisticated brightness and resolution. These 10,000 and 9,500 ANSI lumen HLO™ projectors feature native XGA resolution (XT9000) and native SXGA native resolution (SX10000D), respectively and can provide detailed and focused non-native resolution up to UXGA with Advanced AccuBlend™ technology.

The image quality on the XT9000 and SX10000D is greatly enhanced by NEC's VORTEX Technology™, which provides data and graphic displays with superior uniformity, color and contrast, as well as video displays with greater depth, detail, brighter whites and more realistic colors. Fitted with a digital DVI interface, these HLO projectors easily link to almost any computer, an integrated PC Card interface makes it simple to back-up and upgrade data on the spot.

The XT9000 and SX10000D contain an integrated dust control system to help prevent dust particles from landing on the projector's internal light engine, thereby reducing maintenance time and further improving total cost of ownership. 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 XT5000 lenses.



SX10000D and XT9000



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	XT9000: 1024x768 native resolution up to 1600x1200 with Advanced AccuBlend Technology™ SX10000D: 1280x1024 native resolution up to 1600x1200 with Advanced AccuBlend Technology™
Lamp	2.0 kW Bubble type short arc Xenon	
Lamp Life	750 hrs.	
Light Output	XT9000: 10,000 ANSI Lumens, full light output at 200V/240V SX10000D: 9,500 ANSI Lumens, full light output at 200V/240V	
Brightness Uniformity	>80% edge to center	
Contrast Ratio	SX10000D-800:1 XT9000-400:1 Full on/off	
Lens Mount	Motorized horizontal and vertical lens shift, indexed zoom and focus	
Built-In Lens Shutter	1.5-2.5:1 (Indexed-Power Zoom & Power Focus)	
Options	2.5-4.0:1 (Indexed-Power Zoom & Power Focus) 4.0-7.0:1 (Power Zoom & Power Focus) .84:1 (Short Throw)	
Image	Size 80-500" diagonal	

Electrical

Scan Rate	XT9000	Horizontal 15-107 kHz Vertical 24-120 Hz Pixel Clock 100 MHz	SX10000D	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-sub 15 pin YPbPr/YCrCb (1) 3-RCA Video (1) BNC (1) RCA S-Video (1) S-Video Terminal Y/C (1) BNC PC CARD (1)		
Digital I/O		RGB DIGITAL (1) DVI-D PanelLink 24-pin TMDS Specification (Max resolution: XGA 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, MAC		
Video		3D Y/C Separation Telecine Detect: 3:2 pull down correction		
Display Resolution		RGB: 1024 x 768 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 - ± 30°		
External Control		RS232C/RS422 (1) D-sub 9 pin Contact Closure Switcher (2) D-sub 15 pin In/Out Addressable Remote Control (wired/wireless)		
Power Requirement		200-240 VAC, 50/60Hz		
Input Current		14 A		
Power Consumption		2.8 kW		

Mechanical

Installation Orientation:	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear Stacking up to 2 projectors can be gravity stacked without external support
Dimensions (WxDxH)	26.8" (W) x 38.3" (D) x 14.2" (H) with foot (not including lens hood and handle) 680mm x 973mm x 360mm
Net Weight	185.3 lb (84Kg)
Fan Noise	Less Than 50db
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

XT9000	XT9000 Projector
SX10000D	SX10000D Projector
TL-1ZH	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	.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-InstaCare	InstaCare option, 1 year coverage
XTLP2	2 kW Replacement lamp exchange
XTLP2HOUSE	2 kW Replacement lamp w/housing
XT2Frame	Flying and Stacking Frame



For more information, call (800) NEC-INFO or visit www.necvisualsystems.com

NEC is a registered trademark of NEC Corporation. All other trademarks are the property of their respective owners. All specifications subject to change without notice.