SX 4000D and XT4100

Nighthawk™
SERIES HLO PROJECTORS

3,500 ANSI lumens

XT4100 Native XGA - up to UXGA with Advanced AccuBlend™

SX4000D 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

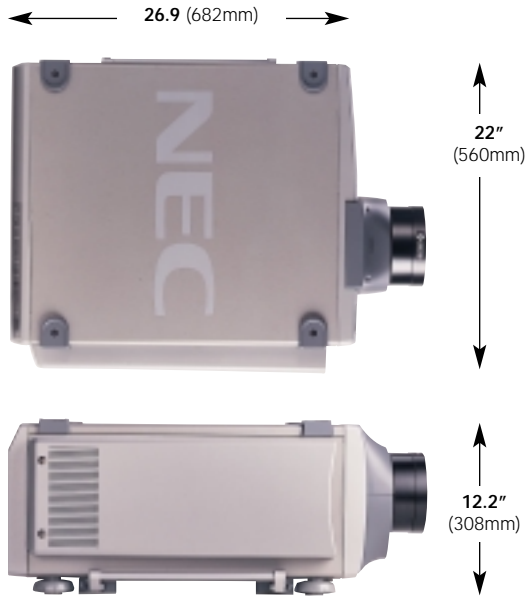The ideal choice for small to mid-sized venues requiring bright, high resolution images.

The SX4000D and XT4100 offer full-size image quality and reliability in a flexible design that is small in size, weight and price. Powered by a unique 3 chip .9-inch DLP system, the XT4100 and SX4000 feature a compact design that provides superior brightness and resolution. These 3,500 ANSI lumen HLO™ projectors feature native XGA resolution (XT4100) and native SXGA native resolution (SX4000) and can provide detailed and focused non-native resolution up to UXGA with Advanced AccuBlend technology.

The SX4000D and XT4100 incorporate a wide variety of inputs, giving them tremendous installation flexibility. And NEC's exclusive AutoSense Technology automatically synchronizes and adjusts the protector to optimize incoming computer and video signals, eliminating time-consuming manual adjustments. The SX4000 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 XT5000 lenses.

SX4000D and XT4100

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

Optical

Panel DMD .9" x 3	XT4100: 1024x768 native resolution up to 1600x1200 with Advanced AccuBlend Technology
	SX4000D: 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
Light Output	3500 ANSI Lumens
	Full Light Output at 200V/240V
Brightness Uniformity	>80% edge to center
Contrast Ratio	SX4000D-800:1 | XT4100-400:1 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	XT4100	Horizontal 15-107 kHz	SX4000D	Horizontal 15-107 kHz
		Vertical 24-120 Hz		Vertical 24-105 Hz
		Pixel Clock 100MHz		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 (Option) (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: SX4000D - 1280x1024, XT4100 - 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 - ± 7.5°
External Control	RS232C (1) D-sub 9 pin
	Contact Closure
	Switcher (2) D-sub 15 pin In/Out
	Addressable Remote Control (wired/wireless)
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" w/feet (not incl. lens or handles)
	560mm x 682mm x 308mm w/feet (not incl. lens or handles)
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

XT4100	XT4100 Projector
SX4000D	SX4000D 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	Fly stacking frame

VORTEX TECHNOLOGY

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For more information, call **(800) NEC-INFO**
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