

NIGHTHAWK™

Nighthawk Series Projectors from NEC Technologies

The MultiSync® XT5000™

The world's first compact HLO projector system.

The MultiSync XT5000 boasts an array of advanced features:

- AutoSense™ Technology
- Advanced AccuBlend™ Technology
- Compact HLO Form Factor
- Triple Stackable
- Horizontal/Vertical Lens Shift
- Digital Keystone Correction
- Long Lamp Life
- Power Management Features
- InstaCare Warranty Coverage Option



Unparalleled power, performance and features in a compact HLO projector.

Compact

The MultiSync XT5000 is half the size of traditional HLO systems, but delivers powerful options you'd expect from a much larger projector. At one-third the weight and one-fifth the volume of competing products, the MultiSync XT5000 is easy to transport, operate, and store. Its tremendous versatility and outstanding image quality make it ideal for:

- Staging
- Theaters, cinemas
- Large scale fixed installations
- Rental
- Museums
- Religious auditoriums
- University use/lecture halls
- Exhibitions
- Concerts
- Outdoor public events
- Hotel & casino entertainment
- Film screening rooms

User-Friendly

The MultiSync XT5000's high-end technical superiority offers surprisingly easy handling. It has inputs and features that users are familiar with and a variety of exclusive technical advancements that ensure simple set up and operation:

- AutoSense™ Technology - Automatic adjustment system that optimizes incoming computer and video signals for enhanced image quality. The MultiSync XT5000 is the only HLO projector to feature this exclusive NEC technology.
- Horizontal and Vertical Lens Shift - Provides imaging positioning for speedy installation.

Flexible

- Stackability - Up to three units can be stacked without expensive, heavy frames or brackets, optimizing output from 4,500 to 13,500 ANSI lumens.
- Multiple inputs - With more than 10 input selections and HDTV signal compatibility, external boxes are not required with the MultiSync XT5000.

The Industry's Best Support

NEC offers the industry's most comprehensive service programs, including toll-free service, support, and InstaCare coverage options.

NEC



The MultiSync® XT5000™



Optical

Panel	DMD .9" x 3 1024x768 native resolution up to 1280x1024 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	4500 ANSI Lumens (13,500 ANSI via 3 stack) 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) .84:1 (Short Throw)
Image Size	80-500" diagonal

Electrical

Scan Rate	Horizontal 15-83.5 kHz Vertical 50-85 Hz Pixel Clock 100 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) BNC PC CARD (1)
Digital I/O	RGB DIGITAL (1) DFP Panellink 20-pin (Max resolution: XGA) (1) DFP Process Out 20-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 Sys	Separate Sync/Composite Sync/Sync on Green
Memory	100 individual memory locations, PCMCIA Data Back-up
Menu Systems	Pull down multilingual on-screen display- 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 100-130/200-240 VAC, 50/60Hz

Input Current 7.0A (200V) 1 2.0A (120V)

Power

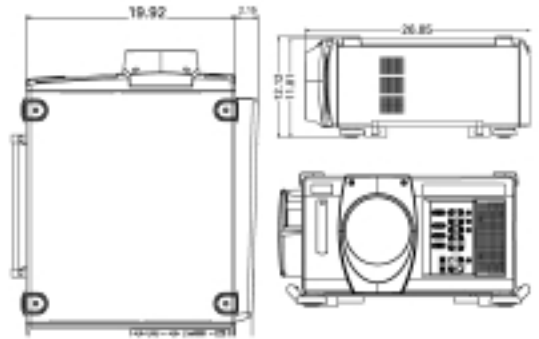
Consumption 1.5 kVA

Mechanical

Installation Orientation: Floor/Front, Floor/Rear,
Ceiling/Front, Ceiling/Rear

Stacking Up to 3 projectors can be gravity stacked
without external support.

Dimensions 22.0" x 26.9" x 12.2" w/out lens
(WxDxH) 560mm x 682mm x 308mm



Net Weight 95 lbs (43.2 Kg)

Fan Noise Less Than 50db

Environment Operational Temperature:
0° - 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 Description

Order Code

XT5000 Projector	XT5000
1.5-2.5:1 Zoom lens	TL-1Z
2.5-4.0:1 Zoom lens	TL-2Z
4.0-7.0:1 Zoom lens	TL-4Z
.84:1 Fixed short throw lens	TL-08SF (Feb 00)
D1 Serial interface board	XT-SDI-Board
5M Digital cable	XT-D-Cable5M
Ceiling mount kit XT series	XT-CMKIT
InstaCare option, 1 year coverage	XT-InstaCare
1 kW Replacement lamp exchange	XTLP
1 kW Replacement lamp w/housing	XTLPHOUSE
Shipping/storage case	XTCASE

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