



GT6000R

Up to 9000 hour lamp life

Continuous use operation

Integrated networking

SXGA+ native resolution

SweetVision™ Technology
video processing

Extended service contracts



limit your downtime

The SXGA+ GT6000R projector is designed for intensive-use in 12x7 and 24x7 applications. Components and filters have been specifically selected in the design of the projector to meet the rigorous requirements of long-term application use. It is very important in critical on-going applications that the projector performs. The GT6000R accounts for these critical requirements by reducing the time and expense for servicing and maintenance.

Limiting downtime in the installed environment is a priority. The dual lamp GT6000R ships standard with the GT60LPS extended long life lamps. These lamps provide up to 4500 hours of use per lamp. When used in single lamp mode that means the projector can run up to 9000 hours at a light output of 1000 ANSI lumens. If more light output is required, the unit can be run in dual lamp mode providing for up to 4500 hours of lamp life with a light output of 2000 ANSI. The GT6000R also ships standard with the GT10RLB 1:1 short throw lens. This provides out of the box installation into short throw or rear screen applications.

From the lens to the connector panel, our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. The GT6000R is backed by NEC's award winning service and support, including 1 year of limited parts and labor warranty.

Additional extended service contracts are available. Depending on your usage environment, you can choose extended service coverage for up to three years with work preformed by NEC's factory trained certified personal.



Empowered by Innovation

NEC

GT6000R



Accessories



GT60ATA



LAMPS

Additional Features

| | |
|-------------------------|--|
| Networking | Integrated wired networking or wireless/wired PC Card network connectivity options allows systems administrators to conduct remote diagnostics and control for asset management, email notification and real time source display |
| SweetVision™ Technology | NEC proprietary chip based solution for added digital contrast enhancement for images more vibrant, colors more realistic and blacks richer with detail |
| Security Enhancements | User can enable Projector to become inoperable if key word or key card (PC card) is not initiated Cabinet Control Panel Lock cabinet control keys to prevent unauthorized access and adjustments Password Protected Logo and menu enable to further eliminate unauthorized use Kensington Lock Slot |
| Dual lamps | Achieve built in redundancy or long lamp operation through user determined light output selection |
| Lamp ID | Individual lamp hours can be determined via lamp hour memory |
| VORTEX Technology Plus™ | Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences. |
| Two Timer Settings | On/Off with programming or Sleep timer that will turn projector off at selected intervals up to 16 hours. |
| Variable Audio Out | Control external amplified audio sources through the projector |
| Screen Trigger | Optional screen controller compatible |
| Backlit control panel | Control panel located on the projector lights up to allow control of the unit in limited light environments |
| 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 |
| Government Compliance | ADA508 and Executive Order 13221 compliant |

Optical

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|------------------------------|--|
| LCD Panel | 1.4" p-Si TFT |
| Resolution | 1400x1050 pixels native (SXGA+), up to UXGA with Advanced AccuBlend™ |
| Lens | GT10RLB F2.4, f=28.9mm Power focus |
| Lamp | 160W NSH dual lamp system |
| Light Output (ANSI, typical) | Dual lamp 2000 ANSI lumens Single lamp 1000 ANSI lumens |
| Lamp Life | 4500H (each lamp, up to) |
| Contrast Ratio | >600:1 |
| Image Size | 40-250 inches |
| Projection Distance | 2.6 – 16.4ft (.8m-5.0 m) |
| Projection Angle | 0 degree |

Electrical

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|-----------------------|---|
| Inputs | 1 5-BNC, 1 DVI-D, 1 RGB, 1 S-Video, 1 Video, 1 RJ45 Network, 3 RCA Audio, 2 Stereo Mini Audio, 2 PC Card slots 1 Remote, 1 PC Control |
| Outputs | 1 RGB, 1 RCA Audio, 1 Screen Trigger, 1 PC Control, 1 Remote (mini) |
| Video Compatibility | NTSC, NTSC4.43, PAL, PAL60, PAL-M, PAL-N, SECAM, HDTV: 1080p, 1080i, 720p and SDTV: 480p, 480i (w/optional cable), Y/Cb/Cr component (w/optional cable) |
| Scan Rate | Horizontal - 15 to 100 kHz (non-interlaced) Vertical - 48 to 120Hz |
| Video Bandwidth | RGB 160 MHz |
| Pixel Clock Freq | 160 MHz |
| Screen Trigger | Stereo mini-jack |
| Color Reproduction | 16.7 million colors simultaneously, Full color |
| Horizontal | NTSC, NTSC4.43, PAL – 550 TV lines, Y/Cb/Cr – 800 TV lines Resolution SECAM - 350 TV lines, RGB -1400 dots (H) x 1050 dots (V) |
| External Control | RS232 (AMX/Crestron compatibility), IR, Network (LAN) |
| Sync Compatibility | Separate Sync / Composite Sync / Sync on G |
| Operational fan level | < 42 dB |
| Power Requirements | 100-120VAC/200-240VAC, 50/60Hz |
| Input Current | 5.3A (100-120VAC), 2.7.0A (200-240VAC) |
| Power Consumption | 530W average |

Mechanical

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|--------------------|--|
| Installation | Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear |
| Dimensions (WxDxH) | 20.4x21.6x8.9 inch, 518x548x225mm without feet |
| Net Weight | 42.8 lbs. (19.4 Kg.) – with lens |
| Environment | Operational Temp. 32° to 95°F / 0° to 35°C Humidity: 20-80% non-condensing Storage: 14° to 122°F / -10 to 50°C |
| Regulations | USA UL 60950 FCC Class B Canada CSA60950 (C-UL) |
| Accessories | Users manual, wired/wireless addressable remote control, power cable, remote cable, registration card, CD Rom |
| Warranty | Registered owners receive a 1-year limited, parts and labor warranty including InstaCare. InstaCare provides the original owner with 5 business day repair and return of the projector. The lamp is covered for 500 hours or 30 days, whichever comes first. |

GT6000R Product/Accessories

| Order Code | Description |
|-----------------|---|
| GT6000R* | GT6000R, SXGA+, 2000 ANSI projector with GT10RLB lens |
| GT60LPS | Single replacement lamp |
| GT6000R-EMC-12 | Extended one year service contract for GT6000R in 12x7 hour operation |
| GT6000R-EMC-122 | Extended two year service contract for GT6000R in 12x7hour operation |
| GT6000R-EMC-24 | Extended one year service contract for GT6000R in 24x7 hour operation |
| GT6000R-EMC-242 | Extended two year service contract for GT6000R in 24x7 hour operation |
| GT60CM | Ceiling mount kit |
| GT60ATA | ATA shipping case |

* The GT6000R only accepts the GT10RLB lens and the GT60LPS lamp.

GT5000/6000 High Light Output Products/Accessories

| Order Code | Description |
|------------|------------------------------------|
| GT5000 | GT5000, XGA, 6000 ANSI projector |
| GT6000 | GT6000, SXGA+, 5300 ANSI projector |
| GT60LP | Single replacement lamp |
| GT60LPS | Optional long life single lamp |
| GT10RLB | 1:1 Short throw lens |
| GT13ZLB | 1.2-1.5:1 Short throw zoom lens |
| GT20ZL | 2.0-2.6:1 zoom lens |
| GT24ZLB | 2.2-3.2:1 zoom lens |
| GT34ZLB | 3.2-4.8:1 zoom lens |
| GT60CM | Ceiling mount kit |
| GT60ATA | ATA shipping case |



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

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NEC Solutions (America), Inc.
Visual Systems Division
1250 Arlington Heights Rd., Suite 500
Itasca, IL 60143-1248

NEC 080305

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