



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.



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

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

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

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

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.

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

NEC 080305

Empowered by Innovation

NEC