

Application

- Business – boardroom, conference suite, large venue
- Public display – live events, retail, museums, churches
- Education – University lecture theatres, school assembly halls
- Mission Critical – command and control overview display

GT5000/6000/6000R

Specification Sheet

Special features

- Outstanding brightness of 6,000 ANSI lumens for GT5000 and 5,300 ANSI lumens for GT6000 (with GT20ZL lens), additional brightness can be achieved by stacking 2 units together
- GT6000R comes fitted with 1:1 projection ratio lens for rear projection applications producing 2,000 ANSI lumens
- Installation friendly 3-D Reform and geometric image adjustment
- Powered vertical and horizontal lens shift with memory (GT5000/6000 only)
- Optional lens, 6 short and long throw types
- LAN RJ-45 network connection, USB and PC memory card slots
- 10 Bit video decoder featuring Faroudja™ DCDi™ de-interlacer
- Dual or single lamp operation for high brightness, reliability and economy
- 2 x PC graphics / component inputs, DVI-D, 1 x video and S-Video input
- 2 x spare input slots for RGB or SDI high definition input modules

The GT5000/6000/6000R offers a range of advanced features and ultimate customisation options. Dual Lamp modes with a full range of optional lenses give high definition images, outstanding brightness and many hours of continuous operation with extended lamplife.

These high-end stackable projectors offer unbeatable power and clarity for professional and public display applications. The GT Series comes with a host of advanced features and can be networked and controlled through a wired or wireless LAN. The optional GT60LPS long life lamp gives up to 9000 hours operation (equivalent to 24 hours per day for a whole year). The dual lamp mode and full range of optional lenses give high definition images and outstanding brightness and the lamp switching function permits uninterrupted operation if one lamp fails by automatically switching to the second lamp.



These NEC projectors come with full 3-year repair and return guarantee.

Specification Sheet

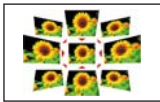
GT5000/6000/6000R

Extended-life lamp

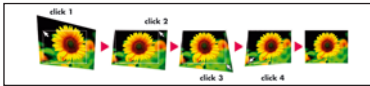
The long life lamp (GT60LPS) provides many hours of continuous operation and substantially reduces the cost and labour of replacing lamps.

Flexible, customisable installation

The projector is equipped with 3D Reform function to correct 3D distortions. Even in restricted spaces the projector displays distortion-free, high quality images. The Lens Shift function is not available when using the GT10RLB lens.



function is not available when using the GT10RLB lens.



Versatile system integration

With a comprehensive array of control systems for LAN, USB, RS-232C and multiple input/output ports, the projector is easily integrated with a variety of systems for versatile operation.

Powered Lens Shift and Memory function

In addition to the Electric Zoom Focus function, the Powered Lens Shift function adjusts the position of the projected image without changing the position of the projector. The lens memory function controls lens position automatically and individually, according to the input resolution and input selected.

Throwing distance and image size

Screen Size / Lens	GT10RLB	GT13ZLB	GT20ZL	GT24ZLB	GT34ZLB
80"	1.6	1.9-2.3	3.2-4.1	3.5-5.1	5.1-7.8
100"	2.0	2.4-2.9	4.0-5.2	4.4-6.5	6.5-9.8
150"	3.0	3.7-4.4	6.1-7.8	6.7-9.8	9.8-14.8
200"	4.0	4.9-5.9	8.1-10.5	8.9-13.1	13.1-19.7
250"	5.0	6.1-7.5	10.1-13.2	11.2-16.4	16.4-24.7
300"	—	7.3-9.0	12.2-15.8	13.4-19.7	19.7-29.7
400"	—	—	—	18.0-26.4	26.2-39.7
500"	—	—	—	—	32.8-49.7

*Stated projection distances are standard values.
For a stack installation, the recommended projection distances will be different.
*The respective values are design values and may contain errors within +/- 5%.

The actual throwing distance may vary within plus or minus 5%. The indicated distance is a design value only.

XGA is a registered trademark of International Business Machines Corporation. All other trademarks are the property of their respective owners. Errors and omission excepted, all specifications are subject to change without notice. MAR 04

Specifications

Specifications		GT5000	GT6000	GT6000R
LCD Panel ¹		1.4" (1024 x 768) p-Si TFT LCD x 3, with micro lens array	1.4" (1400 x 1050) p-Si TFT LCD x 3, with micro lens array	1.4" (1400 x 1050) p-Si TFT LCD x 3
Lens		▲ Motorised zoom / focus / shift ±0.32 H / ±0.5 V (GT20ZL)		GT10RLB fixed
Lamp		275 W DC x 2 (normal mode)		160 W DC x 2
Lamp life ²		2,000 H (normal mode) / 3,000 H (Eco mode)		4,500 H
Image size		40 to 500" (with GT20ZL)		40 to 250"
Light output	Normal Eco mode Long life	6,000 ANSI lumens 4,700 ANSI lumens 3,000 ANSI lumens	5,300 ANSI lumens 4,100 ANSI lumens 2,550 ANSI lumens	2,000 ANSI lumens 1,000 ANSI lumens -
Resolution	Native Maximum	XGA (1024 x 768)	SXGA+ (1400 x 1050) XGA (1600 x 1200) with Advanced AccuBlend	SXGA+ (1400 x 1050)
Contrast ratio		700:1	700:1	600:1
Optical unit		Light Gate, Integrator, XDP		
Synchronisation range	Horizontal Vertical	15 to 100 kHz (RGB 24 kHz or over) 48 to 120 Hz		
Input signal	RGB (analogue) RGB (digital) Video Component	VGA, SVGA, XGA, SXGA, UXGA T.M.D.S specification, max resolution: XGA@60Hz NTSC, PAL, SECAM, NTSC4.43, PAL-N, PAL-M, PAL-60 1125p, (1080p), 1125i (1080i), 750p (720p), 625p (576p), 525p (480p), 525i (480i), / 60Hz DTV 1080i / 50Hz, progressive PAL-scan/50Hz DVD component video signal (15kHz)		
Terminals	RGB Input Video input S-Video input RGB output Wired remote USB-PC USB-mouse Audio PC control PC card	1 BNC (R/G/B/H/W) with stereo RCA audio 1 D-SUB 15 pin with stereo-mini audio 1 DVI-D with stereo-mini audio 1 BNC with stereo RCA audio 1 DIN 4pin with stereo RCA audio 1 D-SUB 15 pin with stereo RCA audio 1 Stereo-mini Remote mouse out / PC control - Type B Mouse control for PJ or USB storage / USB HUB-Out from PC (selectable) - Type A Stereo RCA (variable output) D-SUB 9 pin (male) serial terminal 2 PCMCIA slots for LAN and storage		
Built-in speaker		5 W + 5 W		
Keystone Correction		H max ±30 degrees / V max ±40 degrees		
Operating range	Temperature Humidity	0 to 35°C (32 to 95°F) 20 to 80% (no condensation)		
Power requirement		100 to 120 / 200 to 240 V AC, 50/60 Hz		
Power consumption		800 W (normal mode) / 660 W Eco mode / 1 W (standby)		
Dimensions (mm)		518 (W) x 242 (H) x 548 (D) (not including protrusions)		
Net weight		18.4 kg (not including lens)		

¹ LCD panel technology consists of fine picture cells with more than 99.99% of the cells being active.
² Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it does not refer to the warranty period for the lamp.
▲ Lens shift not available with the GT10RLB lens

Front Terminals

