

MultiSync® GT2000™ GT2000R™ GT2000RP™

CREATED for your demanding environment

NEC MultiSync GT series LCD projectors deliver advanced technology for environments that demand the most precise high-resolution displays. The MultiSync GT series LCD projectors deliver bright, sharp, focused images for applications up to UXGA, ideal for the following uses:

- Architectural design
- CAD/CAM
- Engineering
- Detailed business graphics
- Complex financial modeling
- Command and control
- Process monitoring

All GT series projectors feature a native resolution of 1366 x 1024 with a true 4:3 aspect ratio and are compatible with resolutions up to 1600 x 1200 through Advanced AccuBlend™ Technology.

THREE PROJECTION SYSTEMS are available to meet your installation requirements:

The MultiSync GT2000 - a front- projection model ideal for ceiling mounted or desktop applications featuring both power zoom and power-focus lens.

The MultiSync GT2000R - a rear- projection model equipped with a short-throw fixed-focus lens—perfect for any rear screen installation.

The MultiSync GT2000RP—a high-performance, 72" diagonal display solution for applications that demand a self-contained, large-screen projection system. The GT2000RP is ideally suited to environments with hard-to-control lighting conditions.

ADVANCED ACCUBLEND for advanced compatibility

With Advanced AccuBlend™ pixel blending technology the GT series LCD projectors offer outstanding compatibility with virtually every computer and video source up to 1600 x 1200 resolution. Incorporating Digital Keystone Correction, Advanced AccuBlend compensates for any image distortion that may occur when the projector is installed with a sharp projection angle. Advanced AccuBlend makes the GT series LCD projectors a versatile display solution that can meet most any information display requirements.

AUTOSENSE™ operational simplicity

NEC Technologies exclusive AutoSense technology automatically adjusts to the incoming computer or video signal and displays crystal clear, sharp, perfectly sized and positioned images. With AutoSense, GT series projectors can store up to 100 different computer and video signals.

FLEXIBLE, versatile

A comprehensive input panel with multiple adjustment features and lens offerings make the GT series a dynamic, versatile, high-resolution presentation technology with unlimited installations options.

- Ceiling Front
- Desktop Front
- On-Axis Rear
- Frame with Mirror
- Self-Contained Rear

ADVANCED
TECHNOLOGY
for
**DEMANDING
ENVIRONMENTS**



Specifications MultiSync® GT 2000, GT2000R and GT2000RP

Optical

Panel	1.3" p-Si TFT active-matrix LCD 1366x1024 native resolution up to 1600x1200 with advanced AccuBlend™ Technology (can display 1280 x 1024 non-scaled)
Lens	GT2000: F2.5f=52-68mm (power zoom, power focus) GT2000R: F2.5f=30mm (fixed focus 1.1:1 ratio) GT2000RP: F2.5f=30mm (fixed focus 1.1:1 ratio)
Lamp	New short arc high pressure lamp 150W
Lamp Life	2000 hrs
Light Output	750 ANSI Lumens
Image Size	GT2000: 20-300" (50.8-762cm) diagonal GT2000R: 40-200" (102-508cm) diagonal GT2000RP: 72" Diagonal (182.9cm) 4.3 aspect ratio
Projection Distance	GT2000: 3.08-39.37ft (1.0-12.0m) GT2000R: 2.75-15.2ft (0.8-4.6m)

Electrical

Inputs	Video (NTSC/PAL/SECAM/NTSC4.43, YPbPr) Component, S-Video RGB H:15-107kHz, V: 50-105Hz
Video Bandwidth	RGB: 150MHz
Pixel Clock Freq	>200MHz
Color Reproduction	Full color, 16.7 million colors simultaneously
Horizontal Res.	550 TV lines at S-Video: NTSC/PAL 300 TV lines: SECAM/NTSC 4.43 1000 TV lines: Y/Cb/Cr
External Control	RGB 1366 dots horizontal, 1024 dots vertical RS232C Contact Closure Addressable remote control operates up to 64 projectors in wireless operation
Acceptable Sync Sys	Separate Sync/Composite Sync/Sync on Green
Built-in Speakers	1Wx2
Power Requirement	100-120/220-240 VAC, 50/60Hz
Input Current	5.0A (100V) 1 2.0A (240V)
Power Consumption	300W

Mechanical

Dimensions	GT2000 (WxHxD): 11.6" x 6.8" x 16" with lens 29.3cm x 17.1cm x 40.5cm with lens GT2000R (WxHxD): 11.6" x 6.8" x 18.9" with lens 29.3cm x 47.8cm x 47.8cm with lens GT2000RP (WxHxD): 57.7" x 78.1" x 42.3" 146.6cm x 198.4cm x 107.5cm
Screen	GT2000RP: 72" high contrast, high resolution, fresnel lenticular
Screen Gain	GT2000RP: 2.5
Net Weight	GT2000: 17.7 lbs/8.0kg GT2000R: 22.1 lbs/10.0kg GT2000RP: 400 lbs/181.5kg
Operational Temp	LCD Projector: 32° to 104°F/0° to 40°C, 20-80% humidity Remote Control: 32° to 140°F/0° to 60°C
Regulations	UL Approved (UL 1950, CSA 950) Meets DOC Canada requirements Meets FCC Class A requirements Meets EMC directive (EN55022, EN61000-3-2, EN61000-3-3, EN50082-1) Meets Low voltage Directive (EN60950, TUV GS Appvd) CE Approved

Accessories

Users manual, wired/wireless addressable remote control, power cable, remote cable

Warranty

2-year limited, parts and labor (projector only) including InstaCare 72-hour service repair guarantee
Lamp: 2000 hrs or 6-months, whichever comes first

The MyltiSync GT series projectors are covered under NEC's industry leading InstaCare™ service program. InstaCare gives you peace of mind in knowing that your projector is covered under the highest level of service and support available.



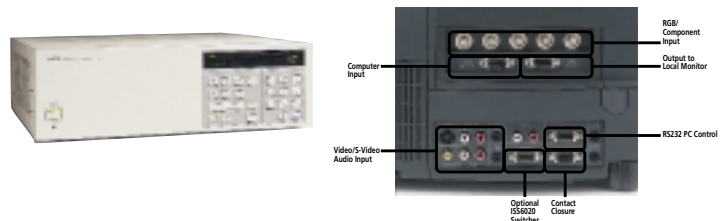
Video Signal Compatibility Chart

Signal	Resolution	Horizontal Frequency	Vertical Frequency
NTSC	337x480	15.73	29.9
PAL/SECAM	372x574	15.63	25.0
HDTV	1920x517	33.75	25.0
	640x480	31.5	60.0
	800x600	37.9	60.3
	800x600	46.9	75.0
	1024x768	56.5	70.1
	1024x768	60.0	75.0
	1280x1024	64.6	59.9
	640x480	37.9	72.8
	640x480	37.5	75.0
IBM PC or Compatible	640x480	43.3	85.0
	800x600	35.2	56.3
	800x600	48.1	72.2
	800x600	53.7	85.1
	1024x768	48.4	60.0
	1024x768	68.7	85.0
	1280x1024	80.0	75.0
	1600x1200	75.0	60.0*
	1600x1200	81.3	65.0*
	1600x1200	87.5	70.0*
Apple	640x480	35.0	66.7
Macintosh	832x624	49.7	74.5
	1024x768	60.2	74.9*
	1152x870	68.7	75.6*
	1280x1024	81.1	76.1*
NEC EWS4800	1280x1024	64.6	59.9
	1280x1024	75.1	71.0
Sun	1152x900	61.8	66.0
	1280x1024	74.9	69.9
	1280x1024	81.1	76.1
SGI	1024x768	49.7	60.4
	1280x1024	63.9	60.0
	1152x900	71.7	76.1
HP	1280x1024	78.1	72.0

*1600x1200 images are compressed into 1366x1024 with AccuBlend.

MultiSync ISS-6020™ Video/RGB Switcher

The MultiSync ISS-6020 Switcher gives you the ability to configure a projection system to your exact requirements. It enables you to integrate input from multiple video and RGB inputs, greatly simplifying source control. The switcher includes a total of 11 models slots for extensive input and output flexibility accepting any combination of video, computer and RGB input modules and up to four RGB or video output modules.



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