MultiSync®
LT80™ and LT100™

NEC Technologies

DLP®

MultiSync LT80

| Designed and equipped for remarkable portability | Excellent image quality and brightness | Outstanding ease-of-use plus full-feature remote control |

NEC Technologies

The ultra-portable MultiSync® LT Series projectors are the premier solution for making powerful presentations on the road.

Continuing the NEC Technologies legacy of outstanding image quality, ease of use and reliability, the new MultiSync LT Series single-chip DLP projectors are an ultraportable solution for making powerful presentations. With exclusive NEC Technologies features, the MultiSync LT Series projectors stand out as the projectors of choice for sales automation efforts aimed at boosting productivity. Smaller than a briefcase, the MultiSync LT Series projectors are perfect traveling partners for anyone who makes presentations on the road, including sales representatives, consultants and marketing professionals.

Designed and equipped for true portability.
The MultiSync LT Series projectors are the ultra-portable projection solution for the professional on the go. They easily fit under the airplane seat in front of you, so you can take them wherever business takes you, with no hassles. Their sturdy construction includes a convenient handle integrated into the unit. And, a padded carrying case is included to ensure that your investment is protected. Other optional cases are available to provide extra protection during travel or shipping. For added convenience, the MultiSync LT100 projector offers an optional PC Card Viewer so you can store and transport your presentation on a PCMCIA card and leave your laptop behind.

High brightness and accurate, lifelike color.
The MultiSync LT Series projectors produce accurate, lifelike images using an entirely digital projection system. Texas Instruments single-chip DLP technology creates seamless images with a

higher perceived resolution than that of other projection technologies. And, its digital gray scale and color reproduction results in lifelike color images with exceptional accuracy. Additional image enhancements offered on the MultiSync LT100 projector include a 2X color wheel that reduces flicker, and excellent video quality due to the unique comb filter technology.

High-resolution images without loss of data.
Using NEC Technologies AccuBlend™ intelligent pixel blending technology, the MultiSync LT Series projectors deliver superior high-resolution images. Unlike competitive technologies that result in

a significant loss of data, AccuBlend is an intelligent compression technology that blends and remaps input data to match the available pixels on the DLP chip. Other technologies simply drop pixels or lines of information, resulting in a visible absence of information that can obscure important parts of your presentation.

Outstanding ease of use featuring total remote control. Because the MultiSync LT Series projectors are remarkably easy to use, you can concentrate on your message instead of your display technology. The MultiSync LT Series projectors include a full-featured remote control with built-

	MultiSync LT80	MultiSync LT100
Brightness	600 ANSI lumens	1000 ANSI lumens
Resolutions supported	640 × 480–1024 × 768 w/ AccuBlend	640 × 480–1280 × 1024 w/ AccuBlend
Included remote control	Yes *Integrated mouse lets you control your computer and presentation* *Built-in laser pointer*	Yes *Integrated mouse lets you control your computer and presentation* *Built-in laser pointer* *360° infrared system for use from anywhere in the room*
Manual zoom	Yes	Yes
Flexible outputs including audio	Yes	Yes
Integrated carrying handle	Yes	Yes
Adjustable front feet	Yes	Yes; plus rear adjustable feet
InstaCare 24 hour replacement service	Yes 2 years	Yes 2 years

Smaller than a briefcase, the ultra-portable MultiSync LT Series is a powerful solution for the mobile professional.

Control your computer-based presentation and the projector with one easy-to-use wireless remote control (LT80 remote pictured)

Turns the projector on and off

Select your source with the touch of a button

Easily access and scroll-through the comprehensive on-screen menus

Right mouse click button (left click button on back)

Lets you reposition a magnified image

Allows you to magnify the image size up to 400%

Adjust the projector's volume with one-touch ease

Control the integrated laser pointer

The built-in mouse lets you control your computer and presentation, including launching the presentation and advancing slides

Turns off the image for a short period of time if you need to direct attention elsewhere

Lets you freeze your image for further audience clarification or emphasis

in laser pointer that enables quick, one-button access to important features. The remote control also provides access to helpful, intuitive on-screen controls that you can easily navigate using the integrated mouse. On-screen controls include:

Image adjustments including brightness, color, contrast, sharpness and position.

Customized settings that enable you to create and store up to five different settings. There's no need to re-adjust image settings every time you connect a different source. Just plug in the source, select your customized setting and begin! This feature saves time when you are using more than one source in the same presentation, because there are no interruptions to re-adjust brightness or contrast for each source.

Lamp timer that displays how many hours the lamp has been used, helping you anticipate and manage maintenance of the projector.

Language select feature, which allows you to select the language in which the on-screen menus appear.

In addition, the MultiSync LT80 comes with an introductory video and the MultiSync LT100 comes with an introductory CD-ROM that provides a hands-on demonstration of key features. Users can review the demo at their own pace, eliminating the need for corporate training.

Compatibility so broad, you just plug in and play. The MultiSync LT Series projectors offer quick and easy connection via a comprehensive input panel, which includes audio, computer, video and S-Video inputs. The included VGA cable and Macintosh® multimode adapter enable you to simply plug in and play. And, because the cable is an industry standard, you can replace it easily if you forget it or lose it on the road. The

MultiSync LT Series projectors are compatible with most common video standards in use today including NTSC, PAL, SECAM and NTSC 4.43. Plus, their universal power supply enables global companies to use the same projector model throughout their organizations.

Unbeatable peace of mind with an exclusive service warranty. NEC Technologies exclusive InstaCare℠ service ensures you won't be stranded on the road with a projector that's not performing. InstaCare guarantees a replacement projector within 24 hours or repairs on your original projector within 72 hours. NEC Technologies pays for and tracks shipping of your projector and any replacement projector via Federal Express. In addition to this convenient service, you'll have the peace of mind of knowing that your projector is backed by the responsive service and support of NEC Technologies.

The MultiSync LT Series offers the ultimate in portability. An integrated handle makes the projectors easy and convenient to carry.

MultiSync LT Series Accessories
NEC Technologies offers a full line of accessories designed to complement your MultiSync LT Series Projector.

LT TownCase
This durable case was designed for local transportation and safe storage. A front pocket provides additional safe storage for the remote control, plus any cables.

LT TownCase Plus
This case offers all of the features of the TownCase and the added convenience of a special pocket that safely stores your notebook computer.

LT AirCase *This sturdy shipping case features reinforced panels, wheels and is ATA-approved for shipping via land carrier or airline. A Federal Express-approved transparent pouch stores shipping labels for added convenience.*

LT Mount *Sturdy, multiple-access ceiling mount features quick release capability for ease of transport plus a built-in security feature.*

Replacement Lamp
A user changeable metal halide lamp. NEC recommends replacement after 1000 hours of use.

Replacement Remote
Should your remote get lost or damaged, NEC offers an identical replacement remote.

PC Card Viewer
Store and transport your presentation on a PCMCIA card. One memory card included. (LT100 only)

MultiSync LT80 and LT100 Specifications Model # LT80, LT100

DMD
LT80:	1-Chip DMD, 800 × 600 pixel
LT100:	1-Chip DMD, 1024 × 768 pixel

Lens
Both Models:	1.3 times manual zoom, manual focus, F2.44 F=26-30

Lamp
LT80:	Metal halide lamp 270 Watt AC
LT100:	Metal halide lamp 280 Watt DC

Image Size
Both models:	Min 24" (61cm), Max 300" (762cm)

Projection Distance
Both models:	Min 3.9' (1.2m), Max 40.4' (12.3m)

Light Output
LT80:	600 ANSI lumens, 1000 hour life
LT100:	1000 ANSI lumens, 1000 hour life

Contrast Ratio
Both models:	Greater than 200:1

Color Reproduction
Both models:	16,777,216 colors simultaneously

Color Temperature
LT80:	5600° Kelvin
LT100:	7000° Kelvin

Synchronization Range
LT80:	Horizontal: 15 to 60kHz (non-interlaced) Vertical: 50 to 85Hz
LT100:	Horizontal: 15 to 85kHz (non-interlaced) Vertical: 50 to 85Hz

RGB

Both models:	Input Signals:
	   Visual: 75 ohm 0.7Vp-positive, Sync TTL
	   Audio: 47k ohm 0.4V rms

Both models:	Input Terminals:
	   Visual: 15pin to 15pin mini D sub cable
	   Audio: Stereo Mini Jack

Both models:	Output Terminals:
	   Visual: RGB Throughout
	   Audio: Stereo Mini Jack

PC Compatibility
Both models:	640 × 480:	60, 72, 75 and 85Hz vertical refresh
Both models:	800 × 600:	56 to 75Hz vertical refresh
LT80:	1024 × 768:	AccuBlend
LT100:	1024 × 768	
LT100:	1280 × 1024:	AccuBlend

Macintosh Compatibility
Both models:	640 × 480:	60 and 67Hz vertical refresh
Both models:	832 × 624:	AccuBlend

Video

Both models:	Input Signals:
	   Visual: S-Video Y: 75 ohm .72Vp-p, C: 75 ohm
	   0.28Vp-p
	   Audio: 47k ohm 0.4V rms

Both models:	Input Terminals:
	   Visual: RCA
	   Audio: RCA x 2

Both models:	Horizontal Resolution:
	   NTSC 550 lines
	   PAL / SECAM / NTSC 4.43 350 lines

Video Compatibility
LT80:	NTSC / PAL / SECAM / NTSC 4.43
LT100:	NTSC / PAL / SECAM / NTSC 4.43/ 3 Line Digital Comb Filter

Audio
Both models:	Built-in mono speaker (1.0w, 8 ohm)

Remote Control Functions
Both models:	Computer Mouse Control with left and right click buttons, Built-in Laser Pointer, Source Selection, Volume, Picture Magnification, Position, Picture Freeze, Picture Mute

On-screen Controls

Both models:	Source Selection Menu:
	   Video, S-Video, RGB
	Image Adjust Menu:
	   Volume, Brightness, Contrast, Color, Tint, Sharpness,
	   Image Mode, H Position, V Position, Auto Picture,
	   Picture Adjust, Fine Picture Adjust
	Power Menu:
	   Lamp Timer, Auto Start, Power Management
	Settings Menu:
	   Custom Memory, Set Position, Language Select, Reset

LT100:	PC Card, White Balance, Display Mode

Fan Noise
Both models:	Less than 44dB

Power Requirement
Both models:	100–120v/220–240v AC, 50Hz/60Hz

Power Consumption
LT80:	380W, 6.25A
LT100:	400W, 6.25A

Dimensions (W×H×D)
LT80:	9.8" x 4.8" x 12.8" (24.8cm x 12.2cm x 32.5cm)
LT100:	10" x 5.8" x 13.4" (25.3cm x 14.8cm x 34.0cm)

Net Weight
LT80:	9.9 lbs. (4.5kg)
LT100:	10.8 lbs. (4.9kg)

Supplied Accessories
Both models:	Carrying Case, Wireless Remote Control with wireless mouse and laser pointer, Signal Cable, Mac Adapter, Power Cable, User's Manual, Registration Card, Quick Connect Guide
LT80:	Remote Mouse Receiver, Introductory Video
LT100:	Remote Cable, Introductory CD-ROM

Safety and Regulation
Both models:	FCC: Class " A", UL 1950, CSA

Environmental Considerations
Both models:	Temperature: 41°–95°F (5°–35°C), operational Humidity 30%–85%, operational

Warranty
Both models:	2 year limited, parts and labor including InstaCare 24 hour replacement service
Both lamps:	1000 hours or 6 months, whichever comes first