

# L Series

## L102W LED projector



Affordable with essential features, the L102W is designed to provide environmentally conscious, on-the-go users with a mobile projector that utilizes a solid state LED light source instead of a traditional mercury lamp. Multimedia functionality makes presenting more intuitive and less cumbersome.

### Versatile Features

- Wireless LAN (optional) for direct connection with iOS, Android, Mac and Windows devices
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA,
- HDMI and composite inputs
- 1GB internal memory stores presentations on the projector, alleviating the need to carry a laptop from presentation to presentation.
  - Video files supported include MJPEG (AVI), MPEG2, H.264 (AVI, MOV, MP4, 3GP) and WMV
  - Still image support includes JPEG and BMP
  - Audio File support includes MP3, WMA and Wave
  - Office Viewer supports Microsoft Word, Excel, PPT and Adobe PDF
- SD input expands storage up to 32GB
  - Flash card reader supports SD, SDHC and MMC
- 2-watt speaker
- Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Plug and Play setup and operation optimizes images displayed from computers and video sources
- Native WXGA resolution projector automatically syncs with higher-resolution computers
- Automatic keystone correction technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen

### Designed for Mobile Use

- Form factor is approximately the size of a hardcover novel
- Lightweight at only 3.1 lbs. (1.4 kg)
- Integrated power supply
- Minimalistic operating buttons

### Designed with the Environment in Mind

- LED solid state light source provides a mercury-free design
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On when the power cord is plugged into the wall and AC is applied
- Quick start (3 to 4 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage

### Essential Features for Ease of Use

- Bright images can be easily viewed in most applications
- High contrast images (10,000:1) from the latest Texas Instruments DLP®
- Intuitive remote control provides one-touch source changes and complete menu control

**UNIQUE FEATURES**

**ECO Mode** technology extends lamp life, lowers audible noise and reduces total cost of ownership.

**Built-in closed captioning** enables decoding and display of text information from a video

**Kensington lock** slot enables security cable to be attached to projector.

**Filter-free design** eliminates the hassle and time spent monitoring and/or changing filters

**WARRANTY**

Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. InstaCare provides the original owner one year of either limited 3-business-day repair/return or next-business-day exchange.

**SHIPS WITH**

Remote control, battery, RGB cable, power cord, USB cable, carry case, user's manual, product registration card

**ORDERING MODEL NUMBERS**

NP-L102W

Specifications for L102W		
<b>OPTICAL</b>	Display Technology Light Output (lumens) Resolution Native Maximum Contrast Ratio (up to) Light Source Light Source Life Screen Size (diagonal) Throw Ratio Projection Distance Projector Angle Lens Zoom Focus F-number Keystone Correction	0.45" DLP by Texas Instruments 1000 normal WXGA 1280 x 800 UXGA 1600 x 1200 10,000:1 LED 20,000 hours 17 to 100 in. / 432 to 2540mm 1.4 20.5 to 118 in. / 0.52 to 3m 13.8" wide 1 - 1:1 Manual F=1.5, f=13.92mm Vertical (Automatic) +/- 40°
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	Scan Rate Horizontal Vertical Supported Video Standards SD/HD Video Signal Compatibility PC Signal Compatibility Macintosh Compatibility Input/Output Terminals RGB1 (analog) RGB2 (digital) Video 1 Audio 1 USB Type A USB Type B SD Slot Audio External Control Sync Compatibility	15 - 100 kHz / 50 - 85 Hz NTSC, NTSC4.43, PAL-M, N, B, D, G, H, I, SECAM 480i, 576i, 480p, 576p, 720p, 1080i VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA Yes 15-pin, component video using ADP-CVIE adapter HDMI w/ HDCP RCA 1/8 in. stereo Multimedia Function Viewer Multimedia Function 2W speaker IR Separate Sync / Composite Sync / Sync on G
<b>ELECTRICAL</b>	Power Requirements Input Current Power Consumption Normal Mode ECO Mode Standby	100 - 240V AC, 50/60 Hz 1.2A 110W 72W 0.5W
<b>MECHANICAL</b>	Installation Orientation Dimensions (WxDxH) Net Weight Regulations	Table/Front, Table/Rear 9.4 x 1.7 x 7.0 in. / 238 x 44 x 177mm 3.1 lbs. / 1.4 kg USA UL 60950-1 FCC Class B, Canada CSA 60950-1, NOM
<b>ENVIRONMENTAL</b>	Operational Temp Humidity Storage	41° - 95°F / 5° - 35°C 20-80% non-condensing -4° - 140°F / -20° - 60°C
<b>OPTIONAL ACCESSORIES</b>	TBD ADP-CVIE NP03LM PWRCRD-PJPX R02GL-PIPX NECEW1-MP NECEW2-MP ADVEXON1-MP ADVEXON2-MP NP02GL	Replacement remote control Component video adapter converts component video to D-sub 15-pin Wireless LAN module Power cable RGB cable Extends term of parts and labor warranty to 3 years Extends term of parts and labor warranty to 4 years Extends term of InstaCare service program to 2 years Extends term of InstaCare service program to 3 years Active Shutter 3D Glasses (PC Only)

Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit [www.necdisplay.com](http://www.necdisplay.com) for details.



When combined with active shutter glasses (NP02GL - PC Only), 3D Ready L Series Projectors use DLP Link™ technology, developed by Texas Instruments, to create 3D images.