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
**Specifications for L102W**

**OPTICAL**
- Display Technology: 0.45” DLP by Texas Instruments
- Light Output (lumens): 1000 normal
- Resolution: WXGA 1280 x 800
- Native Resolution: UXGA 1600 x 1200
- Contrast Ratio (up to): 10,000:1
- Light Source: LED
- Light Source Life: 20,000 hours
- Screen Size (diagonal): 17 to 100 in. / 432 to 2540mm
- Throw Ratio: 1.4
- Projection Distance: 13.5 to 78 ft. / 0.52 to 2.3m
- Keystone Correction: Vertical (Automatic) +/- 40°

**SIGNAL COMPATIBILITY/CONNECTIVITY**
- Scan Rate: 15 - 100 kHz / 50 - 85 Hz
- Horizontal: NTSC, NTSC4.43, PAL-M, N, B, D, H, I, SECAM
- Vertical: 480i, 576i, 480p, 576p, 720p, 1080i
- PC Signal Compatibility: VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
- Macintosh Compatibility: Yes
- Input/Output Terminals:
  - RGB1 (analog)
  - RGB2 (digital)
  - Video 1
  - Audio 1
  - USB Type A
  - USB Type B
  - SD Slot
  - Audio
  - External Control
  - Viewer
  - Multimedia Function
  - 2W speaker
- Sync Compatibility: Separate Sync / Composite Sync / Sync on G

**ELECTRICAL**
- Power Requirements: 100 – 240V AC, 50/60 Hz
- Input Current: 1.2A
- Power Consumption:
  - Normal Mode: 110W
  - ECO Mode: 72W
  - Standby: 0.5W

**MECHANICAL**
- Installation Orientation: Table/Front, Table/Rear
- Dimensions (WxDxH): 9.4 x 1.7 x 7.0 in. / 238 x 44 x 177mm
- Net Weight: 3.1 lbs. / 1.4 kg
- Regulations: USA UL 60950-1 FCC Class B, Canada CSA 60950-1, NOM

**ENVIRONMENTAL**
- Operational Temp: 41° – 95°F / 5° – 35°C
- Humidity: 20-80% non-condensing
- Storage: -4° – 140°F / -20° – 60°C

**OPTIONAL ACCESSORIES**
- 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 for details.

**ORDERING MODEL NUMBERS**
NP-L102W