

# Mobile Projectors

# L Series

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 3-year parts and labor warranty including 3-years 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



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## Specifications for L102W

### OPTICAL

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  
Manual  
F=1.5, f=13.92mm  
Vertical (Automatic) +/- 40°

### SIGNAL COMPATIBILITY/CONNECTIVITY

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-CV1E adapter  
HDMI w/ HDCP  
RCA  
1/8 in. stereo  
Multimedia Function  
Viewer  
Multimedia Function  
2W speaker  
IR  
Separate Sync / Composite Sync / Sync on G

### ELECTRICAL

Power Requirements  
Input Current  
Power Consumption  
Normal Mode  
ECO Mode  
Standby

100 - 240V AC, 50/60 Hz  
1.2A  
110W  
72W  
0.5W

### MECHANICAL

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

### ENVIRONMENTAL

Operational Temp  
Humidity  
Storage

41° - 95°F / 5° - 35°C  
20-80% non-condensing  
-4° - 140°F / -20° - 60°C

### OPTIONAL ACCESSORIES

TBD  
ADP-CV1E  
NP03LM  
PWRCRD-PJPX  
RGB2BL-PJPX  
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.



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