

NEC LT Series Projectors



Professional video quality

Up to 3000 hour lamp life

Quick and easy set up

Extensive connections

Square shot adjustments
via remote

Adjustable rear foot for
horizontal tilt correction

Easy to use remote with
direct access to lamplife

Component video inputs

Wall color correction

Rapid display

LT180

Reveal possibilities with professional video quality.

Engage the audience with well-balanced, high resolution images.

- **High resolution display.** XGA (1024 x 768) native resolution, compatible with computer signals up to SXGA+ (1400 x 1050).
- **High contrast.** Enables varying levels of black to be displayed by the projector for improved video quality.
- **Color management.** Automatically adjusts for input type (presentation, movie, video, graphic and sRGB).
- **Advanced AccuBlend™.** Ensures detailed images even when non-native resolution sources are connected to the projector.
- **Real life colors.** VORTEX Technology Plus™ breakthrough image processing technology improves white balance, color accuracy, dynamic range and varying levels of black in an image.
- **HDTV capable.** HD Signal compatibility for the best video quality.
- **Enhanced video.** DLP™ technology enables real life video.

Easy access to everything you need.

- **Autosense™.** Intuitively syncs the projector with most computer signals and features one-touch image optimization.
- **Get connected.** Color coded inputs make connections a snap.
- **Rapid Display.** Projector warms up and displays an image in seconds.
- **Leveling technology.** Adjustable rear foot can be used to level image.
- **Always be square.** Keystone adjustments can be made by pressing a button on the supplied remote control.
- **Easy access.** Direct access buttons on remote provide rapid source changes.
- **Project on almost any color wall.** Preset selections provide for adaptive color tone correction when projecting onto a non-white screen material or walls.
- **Extensive connections.** Component video, s-video, composite video, RGB and two audio inputs and PC control port.
- **Vertical position adjustment.** 16:9 image location can be adjusted to be located at top or bottom of screen.
- **Monitor output.** Easily connect to an external monitor for use with a desktop computer.
- **Variable audio out.** Control external amplified audio through the projector.

NEC is a leader in developing technologies to extend projector life.

- **Extended lamp life.** Eco-mode™ technology increases lamp life by up to 50% for up to 3,000 hours.
- **Security features.** Enhanced multi-level security features protect your investment.
 - Integrated lock slot – attach security cable to physically lock down the projector.
 - Cabinet control lock – setting turns off projector cabinet buttons.
 - Logo lock – restricts changes to logo saved in projector memory.
 - Password protection restricts unauthorized use of projector.
- **Lamp life.** Can be verified by pressing a button on the remote control.

NEC LT180

13.3"
(337 mm)



7.4"
(187 mm)



4.4"
(113 mm)

Accessories



remote



SCP100



lamp

Optical

Panel	Single chip 0.7" 12" DDR DMD
Resolution	1024 x 768 pixels native, up to SXGA+ (1400 x 1050) with Advanced AccuBlend
Light Output	2000/1600 standard/Eco-mode
Lamp	210 Watts DC, Eco-Mode 168 Watts
Lamp Life (up to)	3000 hours Eco-Mode, 2000 hours normal mode
Contrast Ratio	1000:1
Image Size	30 - 200 inches diagonal
Projection Distance	32 to 264
Projection Angle	10.5°(T) to 12.4°(W)
Keystone Correction	vertical manual, ±15° degrees

Electrical

Inputs	Computer: (1) RGB (D-Sub 15-pin) Video: (1) 3 RCA Component, (1) S-Video, (1) Composite video, 2nd component input available using optional 15-pin adapter Audio: (1) mini audio, (1) L/R stereo RCA
Video Compatibility	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM HDTV: 1080i, 720p, 576p, 576i, 480i, 480p
Scan Rate	Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 50 to 85Hz
Video Bandwidth	RGB 80 MHz (-3dB)
Pixel Clock Freq	135MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal Resolution	540 TV Lines: NTSC, NTSC4.43, PAL/PAL-M/PAL- Resolution N/PAL-60, Y/Cb/Cr 300 TV lines: SECAM
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speaker	1W monaural
Fan Noise	35dB
Power Requirements	100-120VAC/200-240VAC, 50/60Hz
Input Current	3.2A (100-120VAC), 1.5A (200-240VAC)
Power Consumption	280W normal mode, 220W in Eco-mode, 7W in standby mode

Mechanical

Installation	Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	7.4" (W) x 13.3" (D) x 4.4" (H), 187 (W) x 337 (D) x 113 (H) mm
Net Weight	6.4 lbs / 2.9 kg
Environment	Operational Temp. 41° to 95° F / 5° to 35° C Humidity: 5-80% non-condensing Storage: -4° to 140° F / -20° to 60° C
Regulations	USA UL 60950 FCC Class B Canada CSA 60950, Class B Mexico NOM-001-SCFI-1993
Accessories	Projector, lens cap, power cord, RGB signal cable, CD-ROM containing user manual, carrying case, remote control, (2) AAA batteries, quick start guide, product registration card
Warranty	Registered owners receive a 2-year limited, parts and labor warranty including InstaCare. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange. The lamp when used under normal operating conditions is covered for 5000 hours or 3 months, whichever comes first.

Product/Accessories

Order Code	Description
LT180	XGA, 2000 ANSI lumen projector
PWR CRD-VT70	Replacement power cable
RMT-PJ18	Replacement remote
RGB CBL-PJPX	Replacement RGB cable
HT40CM	Ceiling mount for projector
IR-R CVR	USB IR receiver for computer remote control
SCP100	Suspended ceiling plate for use with HT40CM ceiling mount.
LHO2LP	Replacement lamp
LTS SCREEN	50" diagonal table top screen in compact carrying case
LEATHER CASE	Leather carrying case for projector and computer. Designed to fit in airplane overhead.
LEATHER ROLLER	Leather rolling case with extension handle, includes compartments for laptop and projector. Stores in airplane overhead.
SC200	Security cable locks projector to table or cart
VLMPL-01	1-year limited parts and labor warranty extension
VLMIC-01	2nd year limited InstaCare coverage
VLMIC-02	3rd year limited extended warranty plus 2nd and 3rd year limited InstaCare coverage
VLMTC-02	For duration of standard warranty (2 years), loaner or repair service are available in EU countries, Japan and Australia (for US and Canadian residents traveling abroad)



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