

# Full connectivity for effective communication

## LT280 and LT380 digital projectors.



### REAL-TIME WIRELESS PRESENTATIONS

- 802.11b/g

RJ45 PROVIDES QUICK  
CONNECTION TO LAN

REMOTE DIAGNOSTICS

ADVANCED VIDEO PROCESSING

LAMP SAVER TECHNOLOGIES

ENHANCED SECURITY FEATURES

EXTENSIVE INPUT CAPABILITIES

Powerful wireless and wired LAN connections provide high-speed, content-rich communication with your audience.

### REAL-TIME WIRELESS CONNECTIONS AND INTEGRATED NETWORKING.

- **Integrated high speed wireless LAN IEEE 802.11b/g** (using optional wireless card).
  - **Presentation mode** enables wireless connection between computer and projector.
  - **Broadcast mode** allows you to send information from one computer to several projectors.
  - **Data conferencing mode** enables you to send information to the projector and other computers.
  - In **training mode**, the presenter's computer can be used to select the participant's computer image for all to view on the projector.
- **Desktop control** allows you to securely transmit information wirelessly to projector from docking station or PC in another room.
- **Image Express Utility (IEU 2.0)** dedicated projector software provides unique compression enabling smooth image projection. Compatible with IBM and Mac computers.
- **Integrated RJ45 connection** for quick connection to the LAN (10 BASE-T/100 BASE - TX).
- **Remote diagnostics** enables you to monitor and make adjustments to the projector via the network from a remote location.

### OPTIMIZED FOR SUPERIOR PERFORMANCE.

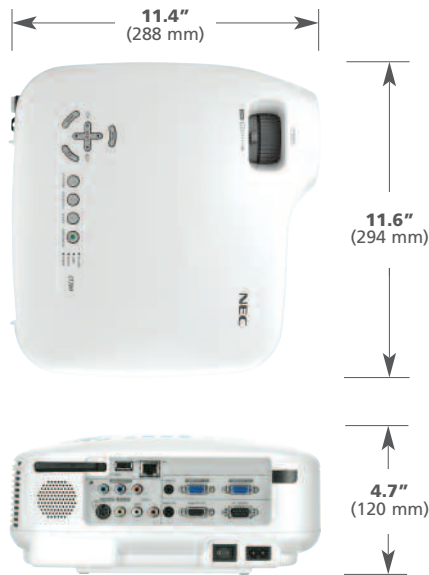
- **Bright enough for almost any application:** 2500 ANSI (LT280) and 3000 ANSI (LT380).
- **Flexible video connections** include 2 computer inputs, monitor out, composite video, S-video, component video and DVI-D with HDCP (LT380).
- **Advanced video processing** ensures clear, sharp images with improved color.
- **Automatic keystone correction SquareShot™ technology** instantly projects a square image even when the projector is set up at a steep offset angle to the screen.
- **Built-in wall color correction** presets provide for adaptive color tone correction to display properly on non-white surfaces.
- **3D Reform™** provides the ability to square the image by adjusting horizontally, vertically or diagonally when the projector cannot be placed parallel or perpendicular to the screen.
- **Advanced 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.
- **AutoSense™** intuitively syncs the projector with most computer signals and features one-touch image optimization.
- **USB/PC card flexibility** allows you to play back presentations or display images stored as .jpps from standard PCMCIA cards or optional USB memory (NP01MD).

### MULTI-LEVEL SECURITY FEATURES AND ENERGY SAVING TECHNOLOGIES.

- **Cabinet control lock setting** enables user to deactivate buttons on cabinet to prevent unwanted changes to projector settings.
- **Logo lock** restricts changes to logo saved in projector memory.
- **Password protection** restricts unauthorized use of projector.
- Secure data using **WEP encryption**.
- **E-mail notifications** can be sent to inform the system administrator when the lamp approaches the end of its useful life.
- **Extended lamp life with Eco-mode™ technology** that increases lamp life by up to 50%.
- **Lamp saver technology** built-in sensors protect the lamp and projector from overheating.
- **Quiet operation** at 30dB in Eco-Mode

Because It's your Image

NEC



## Full connectivity for effective communication LT280 and LT380 digital projectors.

### OPTICAL

Display Technology	LT280	0.7" LCD
	LT380	0.8" LCD
Resolution	Native:	XGA 1024 x 768
	Maximum:	UXGA 1600x1200
Light Output (lumens)	LT280	2500 normal, 1900 eco
	LT380	3000 normal, 2200 eco
Contrast Ratio	600:1	
Lamp Type	200W DC	
Lamp Life (up to)	2000 hours normal, 3000 hours eco	
Screen Size (diagonal)	21-300 in, 533-7620 mm	
Throw Ratio	1.5 - 1.8	
Projection Distance	LT280	2.3 to 35.8 ft, .71 to 10.9m
	LT380	2.3 to 29.5 ft, .69 to 9.0m
Projection Angle	LT280	9.5 - 12.1
	LT380	8.5 - 11.2
Lens	Zoom	Manual
	Focus	Manual
	F-#, f-#	LT280 F=1.7 to 2.0, f=21.6 to 25.9mm
		LT380 F=1.7 to 2.0, f=24.2 to 29mm
Keystone Correction	Manual/Automatic ± 35° Horizontal, 40° Vertical	

### SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal	15 to 100 kHz
	Vertical	48 to 120 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility	1080i, 720p, 576p, 576i, 480p, 480i	
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA	
Macintosh Compatibility	Yes	
Input/Output Terminals	RGB 1 (analog)	15 pin
	RGB 2 (analog)	15 pin
	RGB 3 (digital)	DVI-D w/HDCP (LT380)
	Video 1	Composite
	Video 2	S-Video
	Video 3	YCbCr component
	Audio	1 set RCA, 1 mini
	Audio Out	Variable audio out
	Monitor Out	Yes
Audio	1W monaural	
External Control	RS232, IR	
Sync Compatibility	Separate Sync/Composite Sync/Sync on G	
Networking	Wired LAN using integrated RJ45, 802.11b/g wireless with optional card	

### ELECTRICAL

Power Req.	100 - 240VAC, 50/60Hz
Input Current	1.4 to 3.3A
Power Consumption	292W/230W (eco-mode), 16W (standby), 10W (power-save)

### MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	11.6 x 11.4 x 4.7in, 294 x 288 x 120mm
Net Weight	7.7 lbs, 3.5 kg
Fan Noise	35 dB normal/30 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM

### ENVIRONMENTAL

Operational Temp	41° to 104°F / 5° to 40°C
Humidity	20-80% non-condensing
Storage	14° to 122°F / -10° to 50°C

### WARRANTY

Registered owners receive a 3-year limited warranty including InstaCare. Includes three year limited warranty on parts and one year limited warranty on labor. The lamp is covered for one year or 500 hours - whatever comes first. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange.

### IN THE BOX

Carrying case, remote control, batteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card

### ACCESSORIES

Order Code	Description
VT75LP	Replacement lamp for LT380 and LT280
NWL-100A	Wireless LAN Card
VL80CM	Ceiling mount for LT280 and LT380 projectors
LEATHERCASE	Protective leather carrying case with compartments for projector and laptop
LEATHERROLLER	Leather rolling case with compartments for projector & laptop. Designed to fit in most airplane overhead compartments.
VT70ATA	Molded shipping case for LT280 and LT380 projectors. Includes combination lock.
SCP100	Suspended ceiling plate
PWRCRD-VT70	Power cable
RGBCBL-PIPX	RGB cable
NP01MD	128MB USB memory for use with LT280 and LT380 projectors
VLIC03	Optional warranty extends InstaCare coverage for LT and VT projectors to three years total. Includes 3-years limited parts and labor with all shipping costs paid by NEC.

### UNIQUE FEATURES

Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector.
Autosense	Automatically syncs with any computer signal and features one touch image optimization.
VORTEX™ Technology Plus	Breakthrough image processing technology improves white level, color accuracy, dynamic range and varying levels of black in an image.
3D Reform™	Provides the ability to square the image by adjusting 3D Reform horizontally, vertically or diagonally when the projector can not be placed parallel or perpendicular to the screen.
SquareShot™	Instantly project a square image even when the projector is set up at a steep offset angle to the screen.
Eco-Mode™ Technology	Extends lamp life, lowers audible noise and reduces total cost of ownership.
Built-in Wall Color Correction	Presets provide for adaptive color tone correction to display properly on non-white surfaces.
Kensington Lock Slot	Enables security cable to be attached to projector.
Image Magnification	64-step image magnification with location control.
Sleep Timer	Count down timer can be set to automatically turn off the projector.



For more information, call 1.800.NEC.INFO  
or visit [www.necvisualsystems.com](http://www.necvisualsystems.com)

NEC is a registered trademark of NEC Corporation.  
All other trademarks are the property of their respective owners.  
All specifications subject to change without notice.

NEC Solutions (America), Inc.  
Visual Systems Division  
1250 Arlington Heights Rd., Suite 400  
Itasca, IL 60143-1248

Because It's your Image

NEC