a brilliant **performance**

begins with

confidence

NEC LT220, LT240 and LT260
Portable Projectors

LT220	SVGA, 2,000 ANSI
LT240	XGA, 1,600 ANSI, standard short throw lens
LT260	XGA, 2,100 ANSI

Empowered by Innovation

NEC

confidence comes with the right equipment

From the lens to the connector panel, NEC projectors are precision-crafted for performance, quality and long-term reliability. As one of the world's largest electronics companies, we have the technology and expertise to anticipate your needs and provide you with tomorrow's products today. NEC is equally committed to our environment. We use environmentally-friendly materials and continually look for ways to improve efficiency. In addition, our care extends well beyond the sale with world-class service and support. Our projectors are covered by InstaCare®, which provides free repair and return within three business days or next business day replacement. When overnight isn't fast enough, we offer InstaCare Xpress℠ for next flight replacements. TravelCare℠ provides service coverage for the international traveler. No matter where you are, NEC will be there too.

Bright enough for installation and light enough for travel, the easy-to-use **LT260** may be the only projector you'll ever need. It's specifically designed for high resolution computers and for displaying detailed information like financial data and graphics. It's ideal for any small- to large-sized business, school or government that needs equipment for meeting or conference rooms as well as portable display. It offers maximum brightness for large rooms or rooms with significant ambient light. The LT260 features best-in-class functionality ensuring that every presentation, regardless of the environment, will be a winner.

The **LT240** is an affordable choice for high-resolution display for a variety of applications. It features a short throw lens allowing you to project large screen images over short distances. Even in small meeting rooms, you can be confident that all eyes will be on your message.

The value priced **LT220** is for computers and software that operate in lower resolutions and is ideal for showing images, video and PowerPoint slides. This is a good choice for churches, schools and small businesses where the projector will be used on a desktop or cart.

high brightness up to 2100 lumens

up to 2000:1 contrast ratio
(full-on, full-off)

designed to meet the needs of color blind and hearing impaired users

light weight at 6.5 pounds

horizontal, vertical and diagonal keystone correction, 3-D Reform™

extremely low noise at 32dB normal and 29dB eco-mode

wired and wireless LAN capability

computer-free presentations

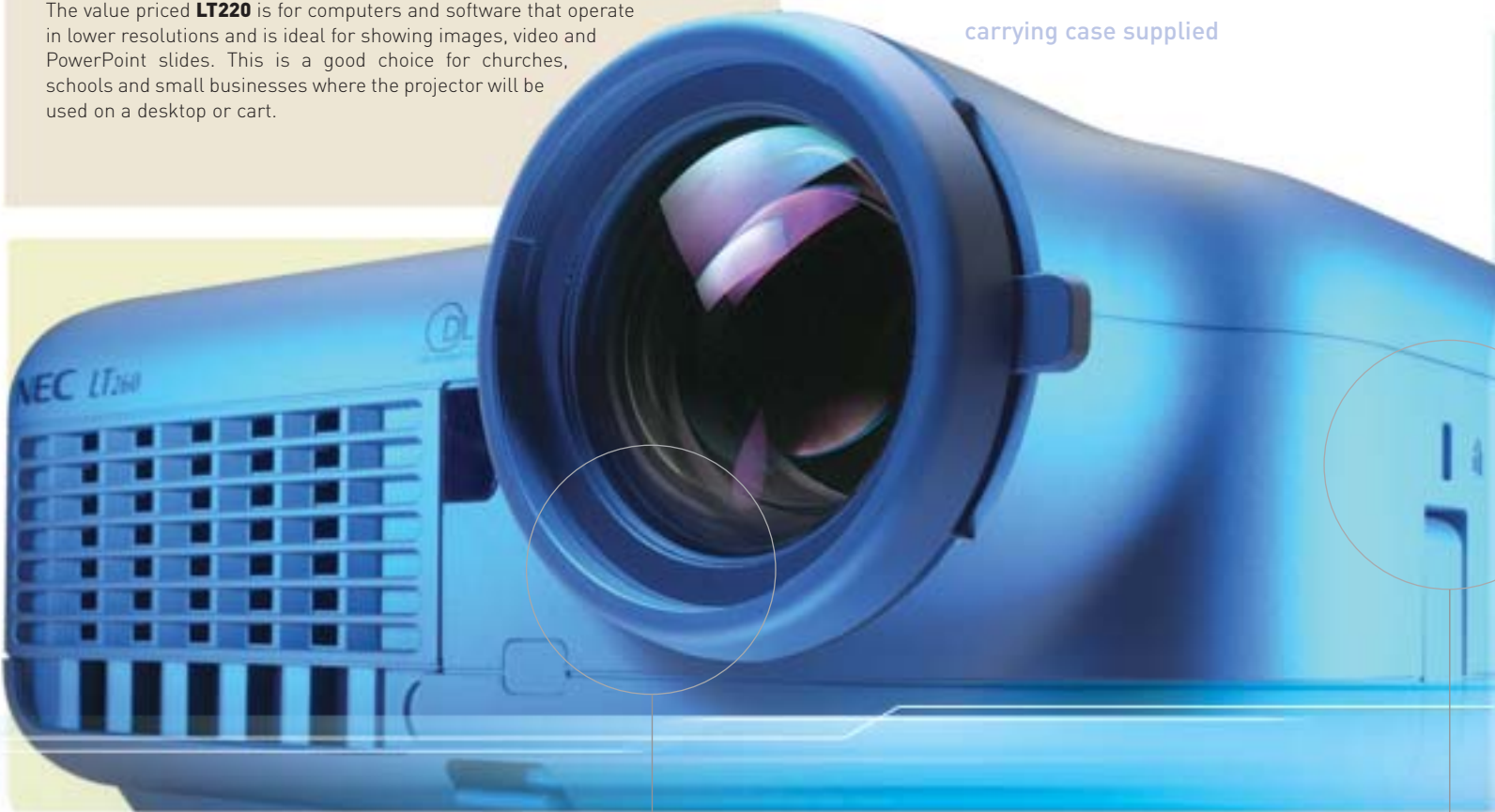sealed optics

password protection

carrying case supplied

figure 1
sealed optics
for use in dusty
or smokey
environments

figure 2
optional
security cable

sometimes being square is a good thing.

Now you can display a perfectly square image even from the most severe angle with NEC's proprietary new 3-D Reform™ geometry correction technology. The result is a vivid, razor-sharp image. If the projection is distorted, simply set the four corners of the screen to activate the keystone correction then square the picture. This allows greater freedom in projector and room set up because now the projector can be at an angle to the screen. When a USB mouse is connected, keystone corrections can be made with a simple click.
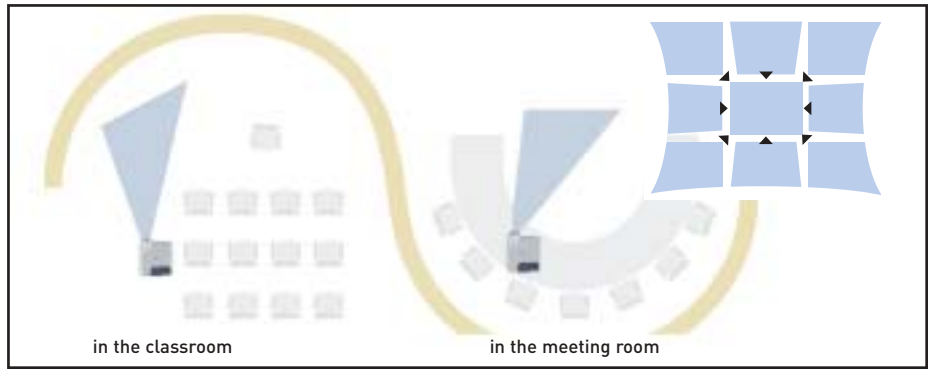
wired and wireless local networks.*

The LT200 Series projectors are compatible with both wired and wireless LANs through NEC's technology, ImageXpress. ImageXpress makes possible the fast, efficient, high-quality transfer of computer screen images to the projector.
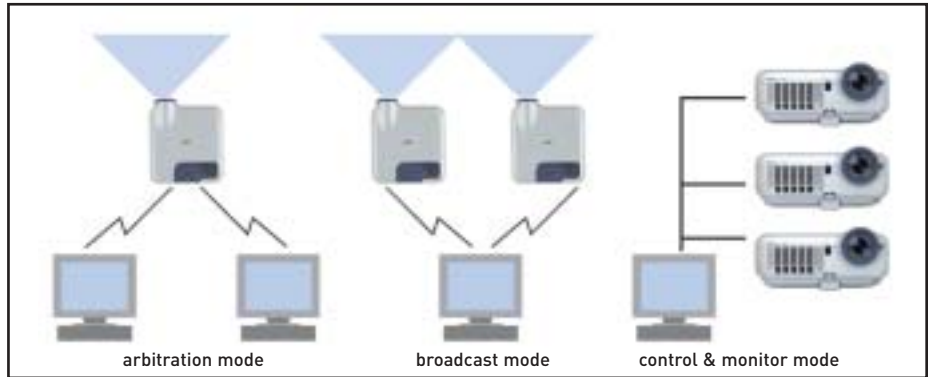
In arbitration wireless mode you can have several users give presentations from separate notebooks, in succession and in real time using the same projector. Peer-to-peer wireless mode lets you project to multiple screens using multiple projectors from a single notebook. No more bothersome cables, no more meeting interruptions, no more worries.

Using cable LAN cards also enable you to monitor and control the projector over the network using a computer to switch the unit on/off, check the usage time of the lamp, and receive automatic email notification when the lamp reaches the end of its life, so downtime is greatly reduced or eliminated.

3-D reform

in the classroom   in the meeting room

wireless and wired LAN

arbitration mode   broadcast mode   control & monitor mode

special features

keep your presentation and projector safe.

No need to worry about the safety of your presentation or projector. The LT200 Series has enhanced security including password protection and an optional security card feature that completely disables the projector to unauthorized users. To protect against projector theft, you can purchase ceiling mounts from NEC that feature security screws and include attachments for locks. Control panel buttons can also be locked to ensure projector settings are not changed by an unauthorized user.

sealed optics reduce maintenance costs.

The LT200 Series features sealed optics to reduce the amount of dust and smoke that enters the optics. This is especially important in arid climates, dusty environments like classrooms (chalk), military field operations, or smoke-filled rooms, bars or restaurants.**

your audience hears you, not your equipment.

The LT200 Series features extremely low fan noise at 32dB standard and 29dB in Eco-mode, making them among the quietest models available.

ECO-MODE

environmentally friendly and conserves energy.

We take our responsibility to the environment very seriously, especially since our products are used worldwide. We continually look for ways to improve the efficiency of our projectors with features like EcoMode™ that reduces overall projector power consumption and help conserve energy . In addition our projector factories are certified to meet the ISO environmental quality standard (ISO 14001) and are ISO9001 and ISO9002 certified.
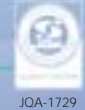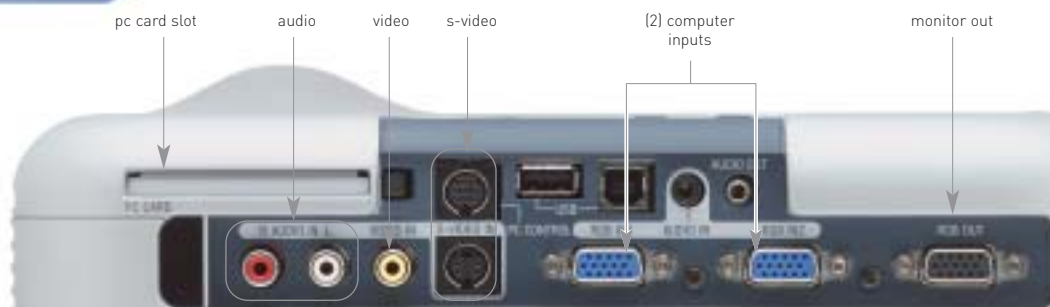
JQA-EM1665

JQA-1729

pc card slot   audio   video   s-video   (2) computer inputs   monitor out

figure 3

input and output connections

LT260/LT240/LT220

11.8″
(299.72mm)

10.2″
(259mm)

4.7″
(119.38mm)

Accessories

CEILING MOUNT   **REMOTE**

LTROLLER200   **ATAPRO200**   **TRAVELPRO200**

Additional Features

Advanced AccuBlend™	Ensures detailed images when non-native resolution sources are connected to the projector
AutoSense™	Automatic set-up and one touch adjustments for ease of use
Monitor Output	For connection of external monitor
VORTEX Technology Plus™	Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Picture management enables six-axis adjustment of CMY and RGB for display of personal color preferences. Includes sRGB setting.
Image magnification	64 step image magnification with location control
Security	Projector is inoperable if password or PCMCIA security card are not input. Projectors can be locked down by attaching security cable to lock slot. Ceiling mount includes security cable attachment and security screws.
Sleep Timer	Timer can be set to automatically shut down projector
High Performance Video	High contrast, sharp image frame with enhanced color imagery management
Specifically Designed for Special Needs	The LT Series complies with ADA 508 and offers closed captioning and menus that can be read by the color blind
Remote Laser Switch	Remote control laser pointer has internal shut off switch
Energy Saving Features	Complies with Executive Order 13221. Uses 0.6W when in standby and includes on/of switch

* Requires wireless LAN card accessory.

** Periodic cleaning may be required.

VORTEX TECHNOLOGY   **InstaCare**   **InstaCare** Xpress℠   **TravelCare**

For more information, call **(800) NEC-INFO**
or visit **www.necvisualsystems.com**

Optical

DLP Technology	LT220 - 0.67" 10 degree SDR DMD
	LT240 / LT260 - 0.69" 12 degree DDR DMD
Resolution (RGB)	LT220 - 800 x 600 pixels native, up to UXGA with Advanced AccuBlend
	LT240 / LT260 - 1024 x 768 pixels native, up to UXGA (1600 x 1200) with Advanced AccuBlend
Lens	Manual zoom and manual focus
	LT220 / LT260: F2.2 - 2.5, f = 28.3 - 34.0
	LT240: F2.5 - 2.9, f = 22.4 - 27.0
Throw Ratio	LT220: 2.0 - 2.06:1 (wide), 2.46 - 2.5:1 (tele)
	LT240: 1.49 - 1.56:1 (wide), 1.81 - 1.87:1 (tele)
	LT260: 1.93 - 2.0:1 (wide), 2.38 - 2.42:1 (tele)
Light Output (ANSI Rated)	LT220 - Up to 2000 ANSI Lumens
	LT240 - Up to 1600 ANSI Lumens
	LT260 - Up to 2100 ANSI Lumens
Lamp	220W DC igniter-less lamp (technology provides higher efficiency and reliability)
Lamp Life	2000 hours Eco-mode, 1500 hours Standard
Contrast Ratio	LT220: 600:1, LT240: 2000:1, LT260: 1600:1
Image Size	30" to 200" diagonal (for details regarding larger image sizes, consult throw charts on website)
Projection Distance	LT220: 48" - 399"
	LT240: 35.4" - 296.4"
	LT260: 35.7" - 298.9"
Projection Angle (degrees)	LT220/LT260 - 12.3 - 12.5 (tele), 14.9 - 15.2 (wide)
	LT240 - 15.7 - 16.2 (tele), 18.6 - 19.4 (wide)
Keystone Correction	LT220/LT260 - horizontal +/- 30 degrees, vertical +/- 40 degrees with 3-D Reform
	LT240 - horizontal +/- 25 degrees, vertical +/- 40 degrees with 3-D Reform

Electrical

Inputs (compatibility)	Computer: (2) mini D-Sub 15-pin, YCbCr Component Video through mini D-Sub 15-pin (optional cable)
	Video: (1) RCA, (1) S-Video (NTSC, PAL, PAL-60, SECAM, NTSC4.43, PAL-N, PAL-M)
	HDTV - 1080i, 1080i/50, 720p, 480p, 480i, PAL progressive/50
	Audio: (1) mini audio, (1) L/R RCA
	PC Card: PCMCIA type II
	USB Type A: control of menu, on-screen annotations and 3D reform
	USB Type B: connect to computer for mouse control
Outputs	(1) monitor output (mini D-Sub 15-pin), (1) mini audio with variable audio output
Synchronization Range	Horizontal - 15 - 100KHz, Vertical 50 - 120Hz
Video Bandwidth	RGB 100MHz (-3dB), Video 6.5MHz (-3dB), monitor output bandwidth 80MHz (-3dB)
Pixel Clock Frequency	Less than 135MHz
Color Reproduction	16.7 million colors displayed simultaneously
External Control	RS232, IR (AMX/Crestron compatibility)
Sync Compatibility	Separate Sync / Composite Sync / Sync of G
Built-in Speaker	1W
Power Requirements	100 - 120/200 - 240VAC, 50/60Hz
Input Current	3.0A(100 - 120VAC), 1.5A(200-240VAC)
Power Consumption	280W (max), 8W idle, 0.6W standby with power on/off switch
Fan Noise	<32dB standard mode, <29dB Eco-mode

Mechanical

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions	260mm(W) x 300mm(D) x 120mm(H), 10.2" x 11.8" x 4.7"
Net Weight	2.9Kg/6.5Lbs
Environment	Operational Temperatures 0 - 35 degrees Centigrade, 32 - 95 degrees Fahrenheit
Regulations	USA UL1950, FCC Class B; Canada CSA950 (C-UL)
Accessories	User's manual (CD-ROM), PJ/PC remote, batteries, power cable, 15-pin mini D-sub cable, USB cable A & B, quick connect guide, registration card, lens cap with attachment string & rivet

Warranty

Warranty	Registered owners receive a 3-year limited parts and labor warranty. The first year is covered by InstaCare. InstaCare provides the original owner limited concurrent 3-business day repair/return or next business day exchange. The lamp, when used under normal operating conditions is warranted for 1000 hours or 6 months, whichever comes first.
	Contact your reseller for InstaCare service program extension options

Product/Accessories

Order Code	Description
TRAVELPRO200	Executive faux leather rolling case w/ projector and laptop compartments. Fits in airline overhead compartment.
ATAPRO200	Rugged rolling case for projector shipment and check-in
LTROLLER200	Platinum, high impact plastic roller case for secure transport of projector. Fits in airline overhead compartment.
ADP-CV1	Component video adapter
LT60CM	Ceiling mount
LT60LP	Replacement lamp
LTSCREEN	50" diagonal table top screen in compact carrying case
SC200	Security cable for desktop and cart applications and ceiling mount applications
SWL-2100N	Wireless LAN card

DLP