

Panasonic

PT-L730NTE

PT-L720E

PT-L520E

Ultra-Portable LCD Projectors—
Bright, Powerful, Easy-to-Use

Super Bright, Light and Easy to You

- ✓ **Wireless PC-to-projector image transfer** for dynamic, cable-free presentations (special file-management software included)
- ✓ **Easy operation** thanks to advanced auto setup; wireless remote control via a Web browser; and SD Memory Card for PC-free presentations
- ✓ **Powerful performance** with 2,200/2,000 ANSI brightness*, extra-short throw lens, and loop-through monitoring

* 2,200 ANSI for PT-L730NTE and PT-L720E; 2,000 ANSI for PT-L520E



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Cable-Free. Trouble-Free.



In developing its class-leading projectors, Panasonic's goal is simple: to make it easy for anybody to deliver advanced, high-quality presentations. Now the new, easy-to-use PT-L730NTE extends this tradition.

The PT-L730NTE uses wireless networking technology and SD Memory Card compatibility to bring you an entirely new level of presentation performance.

It provides you wireless remote control via your Web browser.

And it offers advanced digital and optical technologies that assure outstanding image quality.

With the PT-L730NTE, you'll see just how easy a presentation can be.



PC LAN card and SD memory card slots

PT-L730NTE Wireless Portable LCD Projector

Wireless Image Transfer

Wireless Presentation Capability

The PT-L730NTE incorporates wireless LAN technology* for super-easy wireless networking. You can transfer presentation data from a PC (equipped with an optional wireless LAN card) directly to the projector — no cables required, no connections to make.

*IEEE802.11b compliant

No Need to Change Cables

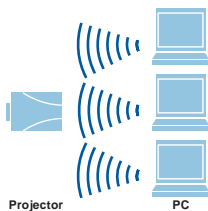
With no cables to worry about, you can position the projector and PC anyway you want. And there's no need to change cables when several presenters are involved, so the presentation flows smoothly and the audience remains attentive. In rooms where a PT-L730NTE is permanently installed, simply bring in your PC — or an SD Memory Card with presentation data — and you're ready to go.



Cable-free presentation

Collaborative Presentation

A PT-L730NTE can receive data from several PCs without switching input settings. This lets you conduct collaborative presentations. For example, a new presenter can display information in the middle of a presentation, or a presenter can display his or her PC screen as part of a question and answer session.



Multiple "collaborative" presentation capability

Image Creator and Wireless Manager Software

The PT-L730NTE comes bundled with Image Creator and Wireless Manager software. Image Creator converts Microsoft® PowerPoint presentation files to PNG or JPEG images. The compression format is selectable from JPEG, PNG, and Auto (in Auto, the software determines the optimal format for each slide). Wireless Manager is used to transfer images to the projector. These two applications work seamlessly, making it easy for you to deliver great presentations.

Wireless Manager functions:

- Adds or deletes slides, or changes their sequence.
- Switches between slide display in list format, and enlarged views during display.
- Presentation mode: Blocks data transfer from other PCs during the presentation.
- PC screen capture: Lets you select the capture range.

Wireless + SD Memory Card Synergy

"PC-Free" Presentations with SD Memory Card

It's easy to deliver a sophisticated presentation without having a PC on hand.



Presentations in a PC can be transmitted to SD memory card

Just use Image Creator to prepare the presentation images, then transfer them to the SD Memory Card in the PT-L730NTE. You can bring the projector anywhere you like — whether or not there's a PC present. Presentation is easy, too, with features like Auto Slide Show. You can set the slide interval between 5 and 60 seconds in 5-second steps. You can even choose from one to 10 repeat cycles or endless display. You can also use the PT-L730NTE to project images that have been transferred directly to an SD Memory Card from a PC or digital camera.

Control via Your Web Browser

The PT-L730NTE gives you wireless remote control via your PC's Web browser (either Microsoft® Internet Explorer or Netscape® Navigator). You can control most basic projector operations and change settings from the browser. Presentations are super-easy — there's no additional software to install and you can use the browser you're accustomed to. Both preparation and operation are simplified. This universal design from Panasonic is especially a boon to

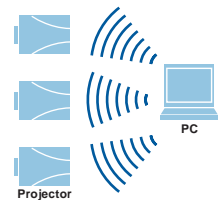


Projector Control Window

physically challenged presenters.

Manage Multiple Projectors from a Single PC, with Wire-Free Ease

By first assigning a distinct IP address to each projector, you can transfer data or adjust settings on a particular projector without affecting the other networked projectors. For example, use this advanced feature in a car showroom to present a unique demo on each of 20 or more projectors. Prepare the demos in advance on your PC, then transfer the appropriate data to each projector. The PC doesn't need to be continually accessed for projector control, and the wireless design eliminates the need to run a host of cables from the projectors to the PC. This saves you considerable time, trouble, and labor costs in setting up and maintaining a presentation system.



Presentations on a single PC can be sent to a particular projector

Centralized Control and Security Features

Security was a high priority in the design of the PT-L730NTE. Projector settings, basic operations, and operating conditions all can be monitored from a single PC, giving you centralized, wireless control over multiple projectors. You can check and adjust the operating mode and check how many hours the lamp has been used. A locking function (with a control key) lets you "lock" projector operation. You can also set a Web password to prevent unauthorized wireless operation.

Advanced Performance

Bright 2200 ANSI Lumens, High 400:1 Contrast Ratio

The PT-L730NTE delivers super-bright performance with 2200 ANSI lumens, thanks to a newly-designed, high-performance optical system and high-efficiency 220-W UHM™ lamp. The high contrast ratio of 400:1 ensures that images are sharp, crisp, and easy to see. The PT-L730NTE also provides excellent brightness uniformity of 90%.

Excellent Colour Rendition

The use of advanced **10-bit digital gamma correction** circuitry with the latest algorithm gives the PT-L730NTE naturally vivid, uniform colours and smooth image gradation. Plus, full compatibility with the **sRGB** standard colour space adds more accurate colour reproduction to your presentations. The PT-L730NTE also delivers outstanding moving pictures thanks to a **Digital Cinema Reality (DCR)** circuit and **3-dimensional comb filter***.

* For NTSC signals only

One-Touch Auto Setup

The One-Touch Auto Setup function with digital keystone correction saves adjustment hassles. Panasonic's original built-in gravity sensor determines the projector's angle relative to the floor (vertically

and horizontally) and corrects for keystone distortion accordingly. This makes set-up super-easy: Just aim the projector at the screen and press the Auto Setup button. The projector handles all picture adjustments, from phasing and dot clocks



The One-Touch Auto Setup function features digital keystone correction with a built-in gravity sensor.

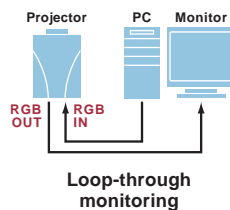
to vertical and horizontal position.

Extra Short-Throw Lens

The PT-L730NTE is equipped with a large-diameter, extra short-throw lens that shortens the necessary projection distance by 25%. Conventional projectors often have to be positioned in the middle of the meeting table, with considerable distance between the lens and the screen. The shorter projection distance of the PT-L730NTE saves space. For instance, 2.4 m or less is needed to project an 80-inch diagonal screen, allowing the projector to be placed at the front of the table. This convenient feature enables comfortable presentations with large, easy-to-see images even in small rooms.

Accepts Up to Two RGB Inputs and One RGB Output

Two RGB inputs eliminate the need to re-connect equipment when giving two different presentations back to back. The RGB2 terminal can also serve as a loop-through monitoring



Versatile terminals
(A USB connector for remote mouse control is featured on the PT-L730NTE only.)

monitoring terminal for the RGB1 input. For instance, an instructor in a classroom can use this to give a presentation on a large screen while following the same images on a PC, eliminating the need to keep looking at the screen behind. Plus, images can still be monitored on the computer display while the projector is switched to standby mode.

Other Important Features

- RGB1 accepts component (YPbPr) video signal
- 3000-hour lamp life in low lamp power mode
- 3-dimensional comb filter (NTSC only)
- Colour temperature selection (standard/high/low)
- Image mode selection (standard/dynamic/natural)
- Full compatibility with sRGB colour management (in natural mode)
- HDTV compatibility
- 3x digital zoom
- Freeze function
- Advanced shutter function for image muting
- Selectable 7-language on-screen menu (English, German, French, Spanish, Italian, Japanese, Chinese)
- VGA expansion on/off selectable
- Video expansion on/off selectable
- Ceiling mountable (option)

sRGB Standard Colour Space

sRGB is a new standard that assures uniform colour expression among scanners, monitors, projectors and other imaging equipment. Applying the sRGB standard minimises hue deviations to ensure the same high level of colour reproduction in each device.

PT-L720E



- 2200 ANSI lumens
- Native XGA resolution
- Advanced auto setup with digital keystone correction
- Extra short-throw lens – 80-inch diagonal images from 2.5-m distance
- 3000-hour lamp life (in low lamp power mode)

Panasonic's PT-L720E XGA projector and PT-L520E SVGA projector are the perfect solution for a wide variety of presentation environments. Both models feature extraordinary brightness and high native resolution for high-quality video and data images.

The PT-L720E and PT-L520E pack best-in-class performance and advanced user-friendly features into a sleek and compact unit.

Their stunning performance is

PT-L520E



- 2000 ANSI lumens
- Native SVGA resolution
- Advanced auto setup with digital keystone correction
- Extra short-throw lens – 80-inch diagonal images from 2.5-m distance
- 3000-hour lamp life (in low lamp power mode)

backed by a host of Panasonic's digital technologies, such as an advanced 10-bit digital gamma correction circuit, sRGB colour management for accurate colour rendition, and one-touch auto-setup with digitalized keystone correction.

For greater connection flexibility, both models feature two computer inputs, one of which doubles as a monitor loop-through output, as well as three video inputs (component, composite and S-Video). And for even more

convenience in loop-through monitoring, the images can still be monitored on the computer display while the projector is switched to standby mode.

Each model is equipped with a large-diameter, extra short-throw lens, which allows 80-inch diagonal images from a 2.5-meter distance.

The PT-L720E and PT-L520E perform even better than other heavier and bulkier conference room projec-

Feature Comparison

	PT-L730NTE	PT-L720E	PT-L520E
Resolution (Native/Max.)	XGA/UXGA	XGA/UXGA	SVGA/SXGA
Brightness	2200 ANSI lumens	2200 ANSI lumens	2000 ANSI lumens
Contrast Ratio	400:1	400:1	300:1
Extra-Short Throw Lens	Yes	Yes	Yes
Advanced Auto Setup	Yes	Yes	Yes
Keystone Correction	Yes (Vertical, Horizontal)	Yes (Vertical)	Yes (Vertical)
Wireless Image Transmission	Yes	No	No
Wireless LAN Card Slot	Yes (LAN card for PT-L730NTE supplied)	No	No
SD Memory Card Slot	Yes (SD memory card supplied)	No	No
Presentation Management Software	Yes (CD-ROM supplied)	No	No

Specifications

Native Resolution:

PT-L730NTE/L720E:	XGA (1024 x 768 pixels)
PT-L520E:	SVGA (800 x 600 pixels)

Brightness:

PT-L730NTE/L720E:	2200 ANSI lumens
PT-L520E:	2000 ANSI lumens

Dimensions

(W x H x D):	245 x 118 x 341 mm (9-5/8" x 4-5/8" x 13-4/16")
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Weight:

PT-L730NTE:	4 kg/8.8 lbs
PT-L720E/L520E:	3.9 kg/8.6 lbs

Contrast Ratio:

PT-L730NTE/L720E:	400:1
PT-L520E:	300:1

Display Technology:

PT-L730NTE/L720E:	LCD (0.9" polysilicon panels) 786,432 (1024 x 768) x 3
PT-L520E:	480,000 (800 x 600) x 3

Lamp:

Lamp Life:	AC 220 W UHM™ lamp 3000 hours (in low lamp power mode) 2000 hours (in high lamp power mode)
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Brightness Uniformity:

Keystone Correction:	90%
	Digital, vertically adjustable (optically fixed, horizontally adjustable with the PT-L730NTE)

Lens Shift

Installation:

Audio:	9:1 (fixed) Ceiling/desk, front/rear (menu selection)
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Input Sources:

2 W (mono)
Computer (D-sub HD 15-pin x 2)
Component video (D-sub HD 15-pin x 1)
Composite video (RCA x 1)
S-Video (Mini DIN 4-pin x 1)
Audio line in for computer (mini x 1)
Audio line in for video (RCA, L/R)
USB mouse (For PT-L730NTE only)

Output Sources:

VGA monitor out (D-sub HD 15-pin)
Audio monitor out (mini x 1)

PC Card Slot:

PCMCIA Type II (PT-L730NTE only)

SD Memory Card Slot:

JPEG/PNG compliant (PT-L730NTE only)

Computer Compatibility:

VGA, SVGA, XGA, SXGA, UXGA, Mac PAL, PAL-M, PAL-N, PAL60, SECAM, NTSC, M-NTSC, YPbPr (525i/480i, 625i/576i, 525p/480p, 750p/720p, 1125i/1080i)
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Video Compatibility:

Full colour (16.7 million)
4:3 (16:9 compatible)

Number of Colours:

Aspect Ratio:

H-Sync/V-Sync Range:

PT-L730NTE/L720E:	31–91 kHz, 50–85 Hz
PT-L520E:	31–70 kHz, 50–85 Hz

Lens:

Manual zoom/focus lens (1:1–1:1.3), F 1.7–2.2, f 28.7–36.0 mm

Image Size (Diagonal):

40"–300" (1.0–7.6 m)

Control:

RS-232C (D-sub 9-pin)

Power Supply:

100–240 V AC (auto-voltage), 50/60 Hz

Power Consumption:

300 W

Operating Temperature:

0°–40°C (32°–104°F)

Operating Humidity:

20%–80%

Safety Regulations:

UL1950, C-UL, FCC class B, EN60950/IEC60950, EN55024, N55022 (B), EN61000-3-2, EN61000-3-3, VDE, GOST, MIC, CB, C-tick
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Supplied Accessories

- Remote control with laser pointer
- Batteries (AAA x 3) for remote control unit
- Power cord
- RGB cable
- AV cable
- Carrying bag
- IEEE802.11b compliant wireless LAN card*
- 8 MB SD memory card*
- Software CD-ROM (Wireless Manager, Image Creator) *

* For PT-L730NTE only

Optional Accessories

- ET-LA730 User-replacement lamp unit
- ET-PK730 Ceiling mount bracket
- ET-CDWL1* IEEE802.11b compliant wireless LAN card for PC
- ET-ADBNC D-sub 15-pin/BNC adaptor
- ET-LEC701 Wide conversion lens
- ET-RMRC1 Wireless mouse receiver

* For PT-L730NTE only

Photo shows the PT-L730NTE mounted on the ET-PK730 bracket.



Projection Distances

Diagonal image size	Distance to screen			
	With supplied lens		With optional wide conversion lens	
	min.	max.		
1.0 m / 3.3' (40")	1.2 m / 4.0'	1.5 m / 5.0'	1.1 m / 3.5'	1.3 m / 4.4'
1.5 m / 5.0' (60")	1.9 m / 6.3'	2.3 m / 7.7'	1.6 m / 5.3'	2.0 m / 6.7'
2.0 m / 6.7' (80")	2.5 m / 8.1'	3.1 m / 10.3'	2.2 m / 7.1'	2.7 m / 9.1'
2.5 m / 8.3' (100")	3.1 m / 10.2'	3.9 m / 12.9'	2.8 m / 9.2'	3.4 m / 11.4'
3.0 m / 10.0' (120")	3.7 m / 12.2'	4.7 m / 15.5'	3.3 m / 10.7'	4.1 m / 13.7'
4.1 m / 13.3' (160")	5.0 m / 16.3'	6.2 m / 20.5'	4.4 m / 14.4'	5.5 m / 18.0'
5.1 m / 16.7' (200")	6.2 m / 20.5'	7.8 m / 25.7'	5.5 m / 18.0'	6.9 m / 22.7'
6.4 m / 20.8' (250")	7.8 m / 25.6'	9.8 m / 32.3'	6.9 m / 22.8'	8.6 m / 28.5'
7.6 m / 25.0' (300")	9.4 m / 31.0'	11.8 m / 38.9'	8.3 m / 27.3'	10.4 m / 34.3'

Image sizes and distances are approximate.



Photo shows the PT-L730NTE with the ET-LEC701 wide conversion lens attached.

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