Panasonic ®

PT-L757U
PT-L557U
Portable LCD Projectors

NTSC/M-NTSC/PAL/PAL-M/PAL-N/SECAM

Bright and Light

- 1500 ANSI Lumens Brightness* and 95% Center-to-Corner Luminance
- XGA (1024 x 768), SXGA (1280 x 1024) Maximum Resolution**
- Slim Profile, Compact and Lightweight
- Sophisticated Image Expansion and Compression
- User-Friendly PC Card Support with Convenient PC-Free Presentations
- Wireless Remote with Mouse Control and Built-in Laser Pointer
- Component or Composite Video Signal Support***

*   1400 ANSI lumens for the PT-L757U
**   SVGA native and XGA maximum resolution for the PT-L557U
*** Component signal support is featured on the PT-L757U only

PC Card Slot

Panasonic
Bright Ideas
for Brighter
Presentations

Panasonic

Wireless Remote with
Laser Pointer

On the Road or in Your Office, the Smart Choice is the PT-L757U or PT-L557U

With 1400 (PT-L757U) or 1500 (PT-L557U) ANSI lumens of brightness
in a 13.6-pound package, these high-impact projectors give your presentations
the power to impress. Supporting native XGA (PT-L757U) or SVGA (PT-L557U) resolution,
their advanced digital image processing technology also provides high picture quality
when compressing or expanding images of non-native resolution.
For use in trad shows or info-displays, a PC card slot allows standalone,
PC-free presentations with or without a presenter.
Both of these compact, lightweight models offer you
brighter presentations and all-in-one convenience.

High Brightness and Lightweight Portability

Crisp, Clear, Ultra-Bright Images
The 200-W UHM lamp provides an impressive 1400 ANSI lumens for the PT-L757U and 1500 ANSI lumens for the PT-L557U. It also achieves a center-to-corner uniformity ratio of 95%, one of the highest in the industry today. Together, they assure crisp, clear, ultra-bright screen images in all room lighting conditions.

High Resolution Delivers More Details
The PT-L757U supports true XGA resolution at a full 1,024 x 768 pixels, with a maximum resolution of 1,280 x 1,024 SXGA. The PT-L557U supports true SVGA resolution at a full 800 x 600 pixels, with a maximum resolution of 1,024 x 768 XGA.This allows them to project more detailed computer images and graphics, including web pages, from the most popular notebook computers.

Sophisticated Image Compression and Expansion
When expanding or compressing images that have anything other than XGA resolution, the PT-L757U and PT-L557U use digital signal processing to deliver smooth outlines and superior on-screen definition.
The PT-L757U features **Intelligent Image Resizing** which gives it outstanding compatibility with VGA, SVGA, SXGA, Macintosh, video and even DTV signals from HDTV sources. The PT-L557U use a newly developed **Panasonic original algorithm** to perform detailed calculations using multiple sets of pixel data, to compress XGA images to SVGA, with high picture quality. For expansion, the PT-L557U uses **Bilinear Compensation** to improve digital outline smoothing, helping achieve highly natural images from VGA or video sources .

Slim, Compact and Lightweight
A compact design and light weight (PT-L557U: 13.6 lbs/ 6.2 kg, PT-L757U: 14.1 lbs/6.4 kg) make both models highly portable. You can easily carry and set them up just about anywhere. During presentations, audiences will appreciate the slim profile not blocking their view.

Intelligent Image Resizing (PT-L757U)

Regular   **Intelligent Image Resizing**

Superb digital signal processing eliminates annoying jagged edges when displaying expanded or compressed images.

Bilinear Compensation for Image Expansion (PT-L557U)

Averaging compensation   **Bilinear compensation**
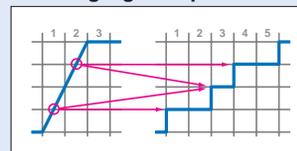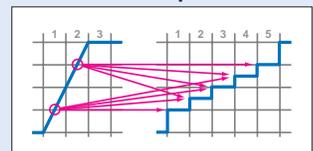
When projecting images with fewer pixels than the XGA LCD panel–such as VGA, SVGA and video images–the pixels must be "compensated" to expand the resolution. When the compensation is based on simple averaging, the resulting images look unnatural. The PT-L557U solves this problem by using bilinear compensation to deliver smooth images with superior definition.

PT-L557U: 13.6 lbs
PT-L757U: 14.1 lbs

$13\frac{1}{4}''$

$4\frac{7}{8}''$

$10\frac{11}{32}''$

Packed with Powerful, User-Friendly Functions for Impressive Presentations

One-Touch Auto Setup

Forget about adjusting your image step by step, from phasing to dot clocks, and from vertical sizing to horizontal blocking. The Auto Setup function identifies your input signal automatically, then tunes and adjusts your display to optimize it in all aspects.

Before   **After**

PC Card Presentation

Show your presentation directly from a PC card (ATA flash memory card). The PT-L757U and PT-L557U are designed to display JPEG files that you have transferred from your computer or digital camera onto a PC card. For convenience, JPEG conversion software for Windows® 95/98 (JPEG Viewer) is supplied. PC-free presentations ease your load while providing you a secure way of backing up your presentations.

Direct Image Capturing

The PT-L757U and PT-L557U features a built-in screen CAPTURE button that lets you capture and save any displayed screen image directly onto your PC memory card in JPEG file format. This gives you the flexibility of using the projector to prepare PC card presentations using data from a desktop computer that is not equipped with a PC card slot.

Screen

Desktop computer   **PT-L757U/L557U**   **PC Card**
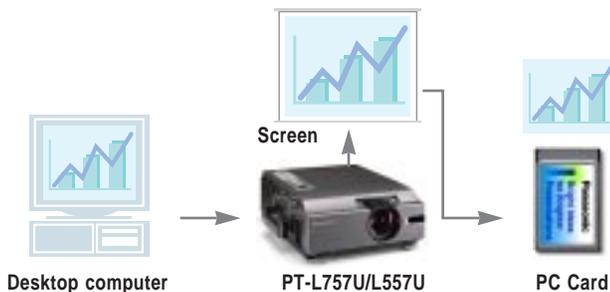
Functions for PC Card Presentation

Improved file management: Allows images to be sorted and stored into folders. This lets you store several sets of presentations on a single PC card, making it easier for you to manage your files.
Index display: Shows the images stored in a PC card in easy-to-see 16-slide displays. This makes it easy to check or select the contents.
Repeat: This function lets you to program the PT-L757U or PT-L557U for unattended presentations – great for trade shows or info-displays. The display time for each image can

be set to 5, 10, 30, 60 or 120 seconds per slide. Each presentation can be programmed for continuous looping.
Fade in/out: Supports creative transition effects for PC card presentations.
PC card editing: Allows the PT-L757U or PT-L557U to edit (delete, move or copy) presentation files stored in the PC card, even when the projector is not connected to a computer.

Index display

Wireless Remote with Mouse Control and Built-in Laser Pointer

The PT-L757U and the PT-L557U come with an all-in-one remote control that features a mouse control and laser pointer. This allows maximum productivity and gives the presenter total control.

Component or Composite Video Signal Support

By accepting input from YPBPR component signal mode or the traditional RCA type of composite connector, the PT-L757U offers maximum flexibility and compatibility for various video display applications, ranging from digital video to regular VCR or DVD players. *** Component video signal support is featured on the PT-L757U only.**

Ceiling Mount Capability

Optional ceiling mount bracket (ET-PK057) available for more flexible installation.

Other Valuable Features

• 20˝ to 300˝ diagonal image projecting capabilit
• A customizable background image for start-up and shutter • 6 video system compatibility: NTSC, M-NTSC, PAL, PAL-M, PAL-N, SECAM
• Component video signal compatibility: 1080i, 720P, 480P, 480i, 625i (PT-L757U only)
• S-Video compatibility • Full 16.7 million color palette • RS-232C computer interface • RGB In and RGB Out connectors • Blue screen • Mute/freeze for video and RGB
• Selectable 7-language on-screen menu (English, German, French, Spanish, Italian, Chinese, Japanese) • VGA expansion on/off selectable • Video expansion on/off selectable • 16:9 screen capability • Rear screen projection • Status code indicator
• Warning indication for lamp replacement • Universal AC power supply (auto-voltage: 100 to 240 V) • Security lock system
• Detachable carrying handle

Specifications

Power supply: 100–240 V AC, 50/60 Hz
Power consumption:
PT-L757U: 340 W (standby mode*: 20 W)
PT-L557U: 330 W (standby mode*: 20 W)
* with fan stopped.
Color system: NTSC/M-NTSC/PAL/PAL-M/ PAL-N/SECAM
LCD panel: 1.3˝ (diagonal) polysilicon TFT LCD panels (x 3)
Drive method: Active matrix
Pixels:
PT-L757U: 786,432 (1,024 x 768) x 3
PT-L557U: 480,000 (800 x 600) x 3
Pixel configuration: Stripe
Screen aspect ratio: 4:3
Lens: Manual zoom/focus lens (1:1–1:1.3), F 2.5–3.0, f 45–59 mm,
Lamp: AC 200 W UHM lamp
Colors: Full color (16,777,216 colors)
Brightness:
PT-L757U: 1400 ANSI lumens
PT-L557U: 1500 ANSI lumens
CCR: 95%
Contrast: 250:1
Resolution:
PT-L757U:
RGB: 1024 x 768 pixels
Video: 700 TV lines
PT-L557U:
RGB: 800 x 600 pixels
Video: 600 TV lines
Screen size: 20–300 inches diagonally
Throw distance: 0.8–13.5 m (2´6˝–44´3˝)
Lens shift: 6:1 (fixed)
Installation: Ceiling/desk, front/rear (menu selection)
Built-in speaker:
Size: 7 x 4 cm (2-3/4˝ x 1-9/16˝)
Output power: 1.5 W
Terminals:
RGB/YPBPR* in: D-sub HD 15-pin
* YPBPR: For PT-L757U only
S-Video in: Mini DIN 4-pin

Video in: RCA jack
Audio in: RGB: Stereo mini jack
Video:Stereo mini jack
RGB/YPBPR* out: D-sub HD 15-pin
* YPBPR: For PT-L757U only
Audio out: Stereo mini jack
RS-232C: Mini DIN 8-pin
Mouse: Round 13-pin
PC card slot PCMCIA Type II
Security lock: Kensington MicroSaver Security System
Dimensions
(W x H x D): 263 x 124 x 336 mm (10-11/32˝ x 4-7/8˝ x 13-1/4˝)
Weight:PT-L757U: 6.2 kg (13.6 lbs.)
PT-L557U: 6.4 kg (14.1 lbs.)
Operating temperature: 5°–40°C (41°–104°F)
Operating humidity: 10%–80% (no condensation)
Safety regulations: UL (UL 1950), C-UL, FCC Class-B, IC Class-B, CE (EN60950, EN60825-1), CE Class-B, VDE, CB Certificate, C-Tick
Laser beam:
Laser type: Class 2
Wavelength: 660 nm
Max. output: 1 mW
Supplied accessories:
Remote control unit, Batteries for remote control unit, Power cord, Lens cap, RGB cable, RGB/Mac adapter, Video cable, Video audio cable, JPEG Viewer for Windows 95/98 (floppy disk), PS/2 mouse cable, Macintosh mouse cable, Carrying handle
Optional accessories:
Replacement lamp unit: ET-LA057
Serial mouse cable: ET-MC02S
Component video cable*: ET-ADBNC
ATA hard-shell carrying case: PT-057CS
Soft-line carrying case: PT-57WPC
Ceiling mount bracket: ET-PK057
PC memory card (US only):
12MB: BN012ABM, 20MB: BN020ABM
* For the PT-L757U only

Terminals on the PT-L757U

Compatible graphic modes

PT-L757U

	fH	fv		fH	fv
VGA 400			SXGA		
640 x 400	31.5	70.1	1152 x 864	54.1	60.1
VESA	37.9	85.1		63.9	70.0
VGA 480	fH	fv		67.5	75.0
640 x 480	31.5	59.9		77.1	85.0
VESA	37.9	72.8	1280 x 960	60.0	60.0
VESA	37.5	75.0		75.0	75.0
VESA	43.3	85.0	1280 x 1024	64.0	60.0
SVGA	fH	fv		80.0	75.0
800 x 600	35.2	56.3	Mac 13˝	fH	fv
	37.9	60.3	640 x 480	35.0	66.7
	46.9	75.0	Mac16˝	fH	fv
	48.1	72.2	832 x 624	49.7	74.6
	53.7	85.1	Mac 19˝	fH	fv
XGA	fH	fv	1024 x 768	60.2	74.9
1024 x 768	48.4	60.0	Mac 21˝	fH	fv
	56.5	70.1	1152 x 870	68.7	75.1
	60.0	75.0			
	68.7	85.0			

fH : Horizontal frequency (kHz)
fv : Vertical frequency (Hz)

The display resolution of the PT-L757U is 1024 x 768 dots. If the display resolution indicated in the above data does not match this resolution, the input signal will be converted to 1024 x 768.

PT-L557U

	fH	fv		fH	fv
VGA 350			SVGA		
640 x 350	31.5	70.1	800 x 600	35.2	56.3
	37.9	85.1		37.9	60.3
VGA 400	fH	fv		48.1	72.2
640 x 400	31.5	70.1		46.9	75.0
	37.9	85.1		53.7	85.1
VGA 480	fH	fv	XGA	fH	fv
640 x 480	31.5	59.9	1024 x 768	48.4	60.0
	37.9	72.8		56.5	70.1
	37.5	75.0		60.0	75.0
	43.3	85.0	Mac16˝	fH	fv
Mac LC	fH	fv	832 x 624	49.7	74.6
640 x 480	35.0	66.6	Mac 19˝	fH	fv
Mac 13˝	fH	fv	1024 x 768	60.2	74.9
640 x 480	35.0	66.7			

fH : Horizontal frequency (kHz)
fv : Vertical frequency (Hz)

The display resolution of the PT-L557U is 800 x 600 dots. If the display resolution indicated in the above data does not match this resolution, the input signal will be converted to 800 x 600.

CAUTION
LASER RADIATION
DO NOT STARE INTO BEAM
WAVE LENGTH : 660nm
MAX OUTPUT : 1mW
CLASS II LASER PRODUCT

Projection setting example

L : Projection distance. (Projection size is adjustable.)
M : Height from upper edge of projected image to center of lens.
N : Height from lower edge of projected image to center of lens.
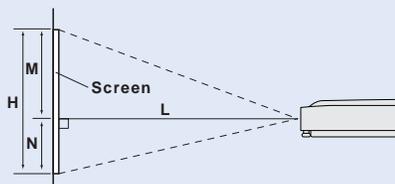
Projection size*	L		M		N	
20 inches	80 cm	(2.6´)	26 cm	(0.85´)	4 cm	(1.6˝)
40 inches	130 – 170 cm	(4.3´– 5.6´)	52 cm	(1.7´)	9 cm	(3.5˝)
60 inches	200 – 270 cm	(6.6´– 8.9´)	78 cm	(2.6´)	13 cm	(5.1˝)
100 inches	340 – 450 cm	(11.2´–14.8´)	131 cm	(4.3´)	22 cm	(8.7˝)
200 inches	690 – 900 cm	(22.6´–29.5´)	261 cm	(8.6´)	44 cm	(17.3˝)
300 inches	1040 –1350 cm	(34.1´–44.3´)	392 cm	(12.9´)	65 cm	(25.6˝)

* diagonally

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