

# Panasonic®

# PT-LC75U

Full-Featured, High-Performance  
Go-Anywhere LCD Projector

## Quality Presentations the Easy Way

- 1** One-Touch Auto Setup with digital keystone correction
- 2** Extra short-throw lens allows display of large images in small rooms
- 3** Bright 1,200 ANSI, high contrast and excellent color rendition



# A High-Quality, Go-Anywhere Projector Packed with Top Features



Finally, a projector that comfortably fits most budgets while providing the outstanding quality and performance that business applications need. Introducing the PT-LC75U micro-portable projector, from Panasonic. The PT-LC75U is packed with user-friendly features and advanced digital technologies. This XGA projector stands well above others in its class in picture quality. With 1200 ANSI lumens of brightness, it's bright enough for use in meet-



The PT-LC75U fits a host of user-friendly features into a compact, attractive body that is about the size of an A4 file.

ing rooms. Weighing just 6.6 pounds (3 kg), it's lightweight enough to take anywhere. With the PT-LC75U, Panasonic provides the ideal solution for companies that want a high-performance portable projector without the high price.

**True XGA resolution to match your XGA laptop or notebook PC.**

**Bright 1,200 ANSI lumens and a high 400:1 contrast ratio.**

**Weighs only 6.6 lbs. / 3 kg.**

**Advanced technologies\* provide uniform colors, smooth gradation, and high-quality motion pictures.**

\* Including 10-bit digital gamma correction, Digital Cinema Reality and 3-D digital comb filter

**One-Touch Auto Setup with digital keystone correction—you're ready to go in about 1.5 seconds.**

**Extra short-throw lens\* displays an 80-inch diagonal image at only 2.4 m, for large images even in small rooms.**

\* Features manual zoom and focus

**Whisper-quiet at less than 30 dB\*.**

\* In standard lamp power mode

**Two computer signal inputs and monitor out capability.\***

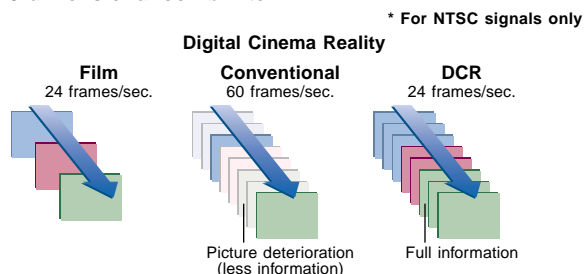
\* Allows you to view your presentation both on a screen and on your PC display. Only one input can be used during RGB loop-through monitoring.

**Bright 1200 ANSI Lumens, High 400:1 Contrast Ratio**

The PT-LC75U delivers super-bright performance with 1200 ANSI lumens, thanks to a newly-designed, high-performance optical system and high-efficiency 160-W UHM™ lamp. The high contrast ratio of 400:1 ensures that images are sharp, crisp, and easy to see. It also provides excellent brightness uniformity of 90%.

**Excellent Color Rendition**

The use of advanced 10-bit digital gamma correction circuitry with the latest algorithm gives the PT-LC75U naturally vivid, uniform colors and smooth image gradation. Plus, full compatibility with the “sRGB” standard color space adds more accurate color reproduction to your presentations. It also delivers outstanding moving pictures thanks to a **Digital Cinema Reality (DCR)** circuit and **3-dimensional comb filter\***.



The Digital Cinema Reality circuit preserves image quality as it converts each frame of a movie source to TV signals.

**One-Touch Auto Setup—Ready in Just 1.5 Seconds**

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 (up to 30 degrees) 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 to vertical and horizontal position. Our newly designed algorithm slashes set-up time to just 1.5 seconds—half the time of our previous models.



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

**Extra Short-Throw Lens**

The PT-LC75U 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-LC75U 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

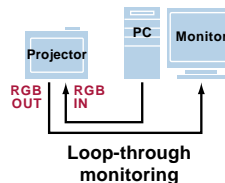
enables comfortable presentations with large, easy-to-see images even in small rooms.

**Quiet Cooling Fans—Only 30 dB**

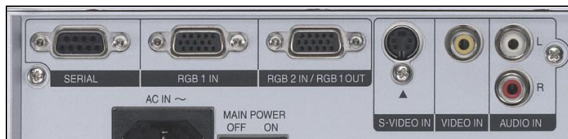
Whisper-quiet fans and switchable dual-mode operation combine to reduce operating noise to 30 dB (in standard lamp power mode). A newly developed exhaust fan also minimizes light leakage.

**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



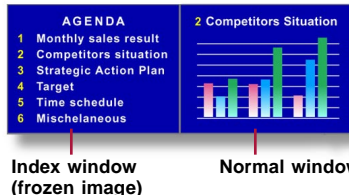
terminal for the RGB1 input. For instance, an instructor in a classroom can use this to give a presentation on a large screen while following the same images on a PC, eliminating the need to keep looking at the screen behind.



Versatile terminals

**Unique Index Window**

Any image in the presentation, RGB or video input, can be frozen, stored in memory, and displayed on the left side of the screen as an Index Window, while the display of subsequent images continues on the right. This can make presentations much easier to understand.



**3,000-Hour Lamp Life**

The user can select from Standard and High lamp power modes. Designed for use in dark rooms, Standard mode uses a lower lamp power that minimizes energy consumption and lengthens the lamp life up to 3,000 hours (2,000 hours in High lamp power mode).

Note: Brightness is reduced 25% in Standard mode.

**Additional Features**

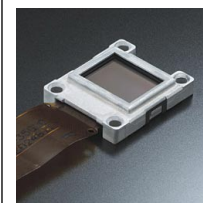
- HDTV compatibility
- Color temperature selection (standard/high/low)
- Image mode selection (standard/dynamic/natural)
- Advanced shutter function for image muting
- 3x digital zoom
- Selectable 7-language on-screen menu (English, German, French, Spanish, Italian, Japanese, Chinese)
- VGA expansion on/off selectable
- Video expansion on/off selectable
- Soft carrying case supplied
- Ceiling mountable (option)



Controls are neatly arranged on the top panel for easy access.



Newly developed optical system unit



High-performance 0.7-inch LCD panel



Newly developed exhaust fan



Supplied card-type remote control

**The sRGB Standard Color Space**

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



## Optional Accessories

### Wide conversion lens: ET-LEC75



Mounts in front of the standard-equipped lens to shorten the projection distance by 20%. Enables an 80-inch (2 m) diagonal screen projection at a distance of about 1.9 m (6.3 feet).



### Full-function remote control: ET-RM100

An all-in-one wireless remote with built-in laser pointer. Also enables mouse control, including button clicking.

### Ceiling mount bracket: ET-PKC75

### Replacement lamp unit: ET-LAC75

### D-sub 15-pin/BNC adapter cable: ET-ADBNC



## Specifications

<b>Native Resolution:</b>	XGA (1024 x 768 pixels)
<b>Brightness:</b>	1200 ANSI lumens
<b>Weight:</b>	3 kg/6.6 lbs.
<b>Dimensions (W x H x D):</b>	310 x 85.5 x 243 mm (12-3/16" x 3-3/8" x 9-9/16")
<b>Contrast Ratio:</b>	400:1 (full white/full black)
<b>Display Technology:</b>	LCD (0.7" polysilicon panels), 786,432 (1,024 x 768) x 3
<b>Lamp:</b>	AC 160 W UHM™ lamp
<b>Lamp Life:</b>	3000 hours (in standard lamp power mode) 2000 hours (in high lamp power mode)
<b>Brightness Uniformity:</b>	90%
<b>Keystone Correction:</b>	Digital, ±30° vertically (optically fixed)
<b>Installation:</b>	Ceiling/desk, front/rear (menu selection)
<b>Audio:</b>	2 W (mono)
<b>Audible Noise:</b>	Less than 30 dB
<b>Input Sources:</b>	Computer (D-sub HD 15-pin x 2) S-Video (Mini DIN 4-pin x 1) Composite video (RCA x 1) Audio line in (RCA, L/R)
<b>Output Sources:</b>	VGA monitor out (D-sub HD 15-pin)
<b>Computer Compatibility:</b>	VGA, SVGA, XGA, SXGA, UXGA, Mac
<b>Video Compatibility:</b>	PAL, PAL-M, PAL-N, SECAM, NTSC, M-NTSC
<b>Number of Colors:</b>	16.7 million
<b>Aspect Ratio:</b>	4:3 (16:9 compatible)

<b>H-Sync Range:</b>	15–91 kHz
<b>V-Sync Range:</b>	50–87 Hz
<b>Lens:</b>	Manual zoom/focus lens (1:1–1:1.2) F 1.7–1.9, f 21.5–25.8 mm
<b>Image Size (diagonal):</b>	33"–300" / 83.8–762 cm (aspect ratio: 4:3)
<b>Control:</b>	RS-232C (D-sub 9-pin)
<b>Power Supply:</b>	100–240 V AC (auto-voltage), 50/60 Hz
<b>Power Consumption:</b>	220 W (standby mode*: 2 W) * with fan stopped.
<b>Security Lock:</b>	Kensington MicroSaver Security System
<b>Operating Temperature:</b>	0°–40°C (32°–104°F)
<b>Operating Humidity:</b>	20%–80%
<b>Safety Regulations:</b>	UL1950, C-UL, FCC class B
<b>Supplied Accessories:</b>	• Card-type remote control unit • Batteries for remote control unit • Power cord • RGB cable (3 m/9.9') • AV cable (3 m/9.9') • Carrying bag
<b>Optional Accessories:</b>	Wide conversion lens: ET-LEC75 Ceiling mount bracket: ET-PKC75 Full-function wireless remote control: ET-RM100 Replacement lamp unit: ET-LAC75 D-sub 15-pin/BNC adapter cable: ET-ADBNC

## Image size / projection distance

Diagonal image size 4:3 aspect ratio	Distance to screen			
	With supplied lens		With optional wide conversion lens	
	min.	max.	min.	max.
0.8 m / 2.8'	1.1 m / 3.6'		–	
1.0 m / 3.3'	1.2 m / 3.9'	– 1.4 m / 4.6'	1.1 m / 3.6'	
2.0 m / 6.7'	2.4 m / 7.9'	– 2.8 m / 9.2'	1.8 m / 5.9'	– 2.2 m / 7.2'
3.8 m / 12.5'	4.5 m / 14.8'	– 5.3 m / 17.4'	3.5 m / 11.5'	– 4.3 m / 14.1'
5.1 m / 16.7'	6.0 m / 19.7'	– 7.1 m / 23.3'	4.7 m / 15.4'	– 5.7 m / 18.7'
7.6 m / 25'	9.0 m / 29.5'	– 10.7 m / 35.1'	7.1 m / 23.3'	– 8.6 m / 28.2'

\* Image sizes and distances shown above are approximate.

# Panasonic

Panasonic is the brandname of Matsushita Electric.

Panasonic Broadcast & Television Systems Company  
Presentation Systems Group  
(800) 528-8601  
www.panasonic.com/presentations

**Headquarters**  
1 Panasonic Way, 4E-7  
Secaucus, NJ 07094  
(201) 348-7621

**Canada**  
Panasonic Canada Inc.  
5770 Ambler Drive  
Mississauga, Ontario  
Canada L4W 2T3  
(416) 624-5010

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