

Panasonic®

PT-L556U

Ultra-Portable LCD Projector

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

Compact Size, Light Weight, And "PC-Less" Presentation

- PCMCIA Memory Card System
- Light Weight: 12.8 lbs/5.8 kg
- Brightness: 600 ANSI Lumens and 85% CCR*
- Advanced Intelligent Compression for XGA
- Wireless Remote with Mouse Control
- Auto Setup for Picture Adjustment

everyone
every time
everywhere

* CCR: Center-to-corner uniformity ratio



A Quality Projector for Anyone, Anytime, Anywhere

Leave your PC in the office. Panasonic's PT-L556U projects your computer-based presentation without a PC, using a built-in PCMCIA memory card system. The PT-L556U weighs only 12.8 lbs/5.8 kg and its square design fits in your briefcase, making it the ultimate portable presentation tool. A wireless remote with mouse control and presentation tools is provided for simple setup and professional presentations. Panasonic's sophisticated optical system provides a bright, uniform picture (600 ANSI lumens). With all of this, offered at an ultra-affordable price, the PT-L556U is a top-quality projector for anyone, anytime, anywhere.



"PC-Less" Presentation

PCMCIA PC Card System

Show slides directly from a PCMCIA card (ATA flash memory card). The PT-L556U's built-in JPEG viewer system projects JPEG files from the PCMCIA card. For convenience, JPEG conversion software for Windows 95 is supplied. Also, you can put on a slide show of your own digital images by inserting the CF card from your digital still camera¹ into the PCMCIA slot.²

¹ Compatibility depends on camera model.
² PC card adapter is needed.



TRUE PORTABILITY

Light Weight: 12.8 lbs/5.8 kg

Since you don't have to bring your computer, the total weight you carry is just 12.8 lbs/5.8 kg.

Compact Body, Tiny Footprint

The PT-L556U employs newly developed 0.9" LCD panels with half the area of 1.3" panels. With its new optical system configuration, it helps to dramatically reduce the whole cabinet size. The PT-L556U's footprint is only a little larger than a letter-size sheet of paper.

Square Design with Retractable Lens

Thanks to the square design, which helps to keep the lens protected when the projector is on the move, there is almost no protrusion. So the PT-L556U goes into your briefcase easily.



Easy-to-carry square design

ULTRA AFFORDABILITY

The PT-L556U is easy to carry, and the PCMCIA memory card system makes it easy to use, even for those who are not familiar with PCs. Plus, the PT-L556U is available at such an affordable price. This ultra-portable projector is ideal not only for business presentations, but also for educational use.

PANASONIC TECHNOLOGY

Polarization Converter Optical Unit with Light Integrator

This technology gives the PT-L556U high brightness—double that of conventional projectors. In combination with Light Integrator technology, the PT-L556U projects a crisp and clear image right up to the edges of the screen.



Light Integrator Lens

everyone
every time
everywhere

Bright 600 ANSI Lumens, 85% CCR

Thanks to the Polarization Converter Optics, brightness is a high 600 ANSI lumens, and center-to-corner uniformity ratio (CCR) is 85%.

True SVGA Resolution

With the PT-L556U, resolution is a full 800 x 600 pixels—true SVGA resolution—to project more detailed computer images and graphics from the most popular notebook computers.

XGA Compatibility with Advanced Intelligent Compression Technology

Advanced Intelligent Compression delivers full emulation 1,024 x 768-dot XGA images without the missing information or thinned out lines of conventional models.

MORE FEATURES FOR TRUE PORTABILITY

Backlit Wireless Remote with Mouse Control



Supplied remote with backlit buttons

By installing the supplied ProMouse driver software, remote mouse control is possible. With its built-in tools (highlight, circle, draw and point), the simple-to-use remote makes presentations run seamlessly.

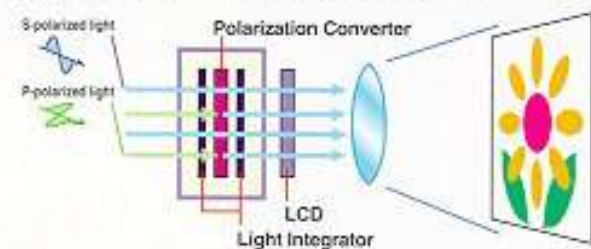


Auto Setup

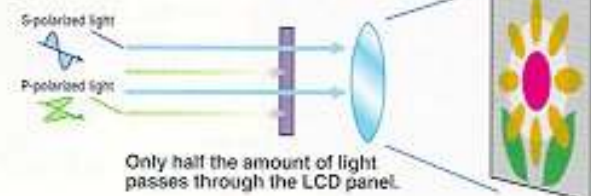
The ProMouse software also features an Auto Setup function. It identifies the signal mode and automatically adjusts the vertical position, horizontal position, horizontal size and phase.

Sophisticated Panasonic Technologies

Polarization Converter Optical System



Competitors' Optical System



Polarization Converter Optical System

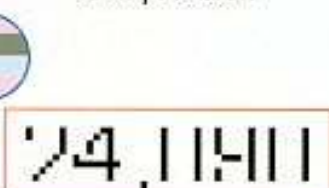
The PT-L556U uses Panasonic's Polarization Converter Optics to convert P-polarized light (horizontal) to S-polarized light (vertical). Compared with conventional units, which simply absorb the P-polarized light, this allows twice as much of the light source to pass through—resulting in images that are twice as bright. Our Light Integrator assures even brightness all the way to the corners.

Panasonic's Advanced Intelligent Compression



	A	B	C	D
Product A	20,145	24,890		
Product B	14,835	15,105		
Product C	10,050	12,105		
Product D	48,005	45,021		

Competitors' Compression



	A	B	C	D
Product A	20,145	24,114		
Product B	14,835	15,105		
Product C	10,050	11,105		
Product D	48,005	45,021		

Advanced Intelligent Compression

Conventional compression systems adjust the personal computer's resolution to the projector's resolution by omitting one scanning line in certain fixed intervals. These systems cannot adequately display small characters or detailed images. Panasonic's Advanced Intelligent Compression system solves this problem. A comparison and calculation are made using the scanning line which is omitted by conventional systems and the adjacent line. This is used to compose a line which contains the information of both lines, resulting in a more complete, sharper image and flicker-free projection.

Note: For easier understanding, this diagram shows only the vertical aspect of an image. The same concept applies to the horizontal aspect as well.

Other Valuable Features

- 0.9-inch polysilicon LCD panels for compactness and light weight.
- 150 W UHM lamp.
- 20" to 300" diagonal image projecting capability.
- 6 video system compatibility: NTSC, M-NTSC, PAL, PAL-M, PAL-N, SECAM.
- S-Video compatibility.
- Full 16.7 million color palette.
- RS-232C computer interface provided.
- RGB In and RGB Out connectors provided.
- Stereo audio output.



RGB In and RGB Out connectors are supplied.

- Blue screen function.
- Mute/freeze function for video and RGB.
- Selectable 5-language on-screen menu (English, French, Spanish, German, Italian).
- VGA expansion on/off selectable.
- Video expansion on/off selectable (NTSC only).
- 16:9 screen capability (NTSC only).
- Rear screen projection.
- Status code indicator.
- Warning indication for lamp replacement.
- Universal AC power supply (auto-voltage: 100–240 V)

Specifications

LCD panel:	0.9" TFT Active Matrix Polysilicon (x3)
Pixels:	1,440,000 pixels (800 x 600 pixels x3)
Resolution:	RGB: 800 x 600 dots
	Video: 500 TV lines
Pixel configuration:	Stripe
Screen aspect ratio:	4 : 3
Colors:	16,777,216
Standards:	Composite NTSC/M-NTSC/PAL/PAL-M/PAL-N/SECAM, S-Video, VGA, SVGA, XGA (advanced intelligent compression), Macintosh
Lens:	Retractable manual focus/zoom lens (1 : 1.5), F 2.5–2.7, f 32–48 mm
Lens shift:	1/9 fixed
Screen size:	20–300 inches diagonally
Throw distance:	3.18'–51.84' (0.97–15.8 m)
Installation:	Desk, front/rear
Lamp:	150 W UHM lamp
Brightness:	600 ANSI Lumens
Contrast ratio:	200 : 1
Terminals:	
Video in:	RCA jack (x1)
S-Video in:	Mini DIN 4-pin (x1)
RGB in:	D-sub HD 15-pin (x1)
Audio in:	For video: RCA jack (L/R) For RGB: stereo mini jack (x1)
RGB out:	D-sub HD 15-pin (x1)
Audio out:	For video/RGB: stereo mini jack (x1)
RS-232C:	Mini DIN 8-pin (x1)
PC card slot:	PCMCIA Type II (x1)
Plug and Play:	DCC1/2B

Controls/switches on the main unit:

Main power on/off, Power, Volume +/-, Mode, Menu, Input, Select (arrows), PC card release

Remote controllable functions:

Power, Freeze, Shutter, Mute, Volume +/-, Mode, Menu, Input, Select (arrows), Light, Pointer, Mouse, Click buttons (x2)

Indicator: Standby/on, Status code, Remote

On-screen display languages:

English/German/French/Spanish/Italian

Built-in speaker:

Size: 2.76" x 1.58" (7 x 4 cm) (x1)

Output power: 1.5 W (10% THD)

Power source: AC 100–240 V (automatic), 50/60 Hz

Power consumption: 260 W

Dimensions (W x H x D):

9-7/16" x 6-1/32" x 12-13/16"
(240 x 153 x 325 mm)

Weight: 12.8 lbs (5.8 kg)

Operating temperature: 41–104°F (5–40°C)

Operating humidity: 10–80 %, non condensation

Safety standards: UL, C-UL (UL 1950), FCC Class B, CE Class B, CB certificate, C-tick

Accessories:

- Power cord • Wireless remote controller
- Batteries for remote controller • VGA cable
- VGA/Mac adaptor • Audio/video cable
- RS-232C cable • RS-232C adaptor (D-sub 9-pin) • RS-232C adaptor (D-sub 25-pin)
- Lens cap • ProMouse for Windows 95
- ProMouse for Macintosh • JPEG Converter for Windows 95

Optional accessories:

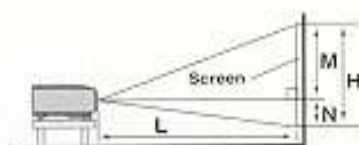
- Replacement lamp unit: ET-LA556
- Carrying case

Compatible Graphic Modes

Modes	Resolution	fh	fv
VGA	640 x 350	31.5	70.0
VGA	640 x 400	31.5	70.0
VGA	640 x 480	31.5	60.0
SVGA	800 x 600	35.2	56.3
SVGA	800 x 600	37.9	60.3
SVGA	800 x 600	46.9	75.0
SVGA	800 x 600	48.1	72.2
SVGA	800 x 600	53.7	85.0
XGA	1024 x 768	48.4	60.0
XGA	1024 x 768	56.4	70.0
XGA	1024 x 768	60.0	75.0
Mac 13"	640 x 480	35.0	66.7
Mac LC	640 x 480	35.0	66.6
Mac 16"	832 x 624	49.7	74.6
Mac 19"	1024 x 768	60.2	74.9
VESA	640 x 350	37.9	85.1
VESA	640 x 400	37.9	85.1
VESA	640 x 480	37.9	72.8
VESA	640 x 480	37.5	75.0
VESA	640 x 480	43.3	85.0

Bold: Advanced Intelligent Compression Mode

Setting-up Position Example



Screen size	L	H	M	N
20 inches	3.18'	0.98'	0.89'	1.18'
40 inches	4.92'–6.56'	2.00'	1.80'	2.36'
60 inches	7.87'–10.17'	2.99'	2.69'	3.54'
100 inches	13.12'–17.06'	4.92'	4.43'	5.91'
200 inches	26.57'–34.78'	9.84'	8.86'	11.81'
300 inches	40.03'–51.84'	15.09'	13.58'	18.11'

L: Throw distance