

Panasonic®

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

PT-L711X_U
PT-L701XSD_U
PT-L701X_U
PT-L511X_U
PT-L501X_U
Portable LCD Projectors

Simple, Smart, Stylish

- One-Touch Auto Setup with digital keystone correction
- Extra short-throw lens allows display of larger images in smaller rooms
- Quiet fans (28dB) and 4,000-hour lamp life* * in low power mode
- Index Window makes presentations easier to understand
- SD Memory Card support for convenient PC-free presentations**

** For the PT-L701XSDU only



The Smart Choice in Portable Projectors

At first glance you'll notice the smart design that distinguishes Panasonic's portable projectors from all the others. And when you turn one on, you'll see that their performance is a lot smarter, too.

For example, there's the remarkable ease of use you get with Auto Setup. Simply aim the projector at the screen, press a button, and let the projector make all the adjustments. With its large-diameter, extra-short-throw lens, you can display big, bright images even in small rooms. Panasonic adds a host of functions—such as SD Memory Card support for PC-free presentations and Digital Cinema Reality—that make every presentation a success.

Smart design, intelligent functions. That's the Panasonic difference.



PT-L701XU



PT-L701XSDU

The rear panel of the PT-L701XSDU features an SD Memory Card slot. Save your presentation onto an SD Memory Card, and you can deliver impressive presentations without connecting to a computer. The ultrathin SD Memory Card is only 24 x 32 mm (approximately 1 x 1-1/4 inches), yet has a huge, 64-megabyte capacity.

PT-L711XNTU—For Wireless Multiple Presentations



- 1600 ANSI lumens
- XGA (UXGA max.) resolution
- Micro Lens Array (MLA)

New networking technology gives the PT-L711XNTU a host of exciting new application possibilities. For example, the wireless LAN card (provided) lets you conduct wireless presentations. With no need for a cable connection, you can smoothly and easily control continuous presentations from multiple PCs.

Also, a single PT-L711XNTU can be connected to and receive data from several PCs at the same time, with no need to switch input settings. This greatly expands usability by allowing for "participatory" presentations—with executives taking part in the presentation on their own PCs.

COMING
SOON!

Choose the One that Suits Your Style

XGA models



PT-L711XU

Our top-of-the-line model, with the Micro Lens Array

- 1600 ANSI lumens
- XGA (UXGA max.) resolution
- Micro Lens Array (MLA)

PT-L701XU

High resolution

- 1200 ANSI lumens
- XGA (UXGA max.) resolution

SXGA models



PT-L511XU

Superb brightness and easy operation

- 1500 ANSI lumens
- SVGA (SXGA max.) resolution

PT-L501XU

Easy to use

- 1200 ANSI lumens
- SVGA (SXGA max.) resolution

SXGA model with SD card slot



PT-L701XSDU

SD card slot for PC-free presentations

- 1200 ANSI lumens
- XGA (UXGA max.) resolution
- SD memory card support



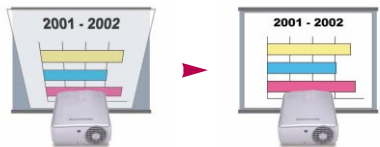
The PT-L701XSDU comes supplied with a 16MB SD Memory Card and a PC card adapter.



One-Touch "Full" Auto Setup



One-Touch Auto Setup provides a wide range of automatic adjustments, from phasing to dot clocks, to vertical sizing and horizontal blocking. The list goes on to include *keystone correction* and RGB input signal selection. Panasonic's original *built-in gravity sensor* detects the projector angle relative to the floor (up to 30 degrees), then corrects for keystone distortion accordingly. A new IC also minimizes picture degradation. Simply press the Auto Setup button to automatically tune and adjust the image for optimal viewing.



Before auto setup

After auto setup

Extra Short-Throw Lens



Each model 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



Conventional



Panasonic

Panasonic projectors provide larger, brighter images than conventional models do at the same projection distance.

distance of the new Panasonic models saves space, 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 Fan—Only 28 dB

Four new, quiet-design cooling fans greatly reduce operating noise to 28 dB in Low power mode. A rotary air outlet louver lets the user control the direction of exhaust air and aim leakage light away from the audience's eyes.

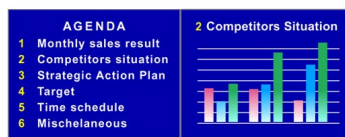
4,000-Hour Lamp Life

The user can select from Standard and Low lamp power modes. Designed for use in dark rooms, Low mode uses a lower lamp power that minimizes energy consumption and lengthens the lamp life up to 4,000 hours.

Note: Brightness is reduced 20% in low mode.

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. For example, the outline of a plan can be displayed in the Index Window to the left, while details are displayed



Index window
(frozen image)

Normal window

to the right. The result is a multi-window effect from a single presentation source, with no special preparations necessary.

Attractive Styling

The stylish design helps to enhance your presentation, creating a positive impression the moment the projector is in place. The footprint is a compact A4 size, and the unit weighs only 3.8 kg (8.4 lbs.)*. The design is practical, too, with a protrusion-free body that makes carrying easy. The PT-L711XU, PT-L701XU, PT-511XU and PT-L501XU come in a light gray cabinet, and the PT-L701XSDU is available in silver.

**PT-L701XSDU: 3.9 kg/8.6 lbs.*



Top view

DTV-Ready Design

All models accommodate the major digital TV formats. The PT-L711XU, PT-L701XSDU and PT-L701XU also feature a Digital Cinema Reality circuit, which greatly improves viewing quality from film-based video sources.

Two RGB Inputs

Two RGB input terminals are provided for greater connection flexibility.

Options for more mobility and flexible installation



Ceiling Mount Bracket
ET-PK701

Photo shows the PT-L711XU mounted on the ET-PK701 bracket.

Wide Conversion Lens
ET-LEC701



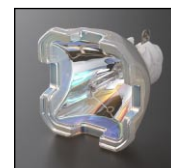
Photo shows the PT-L711XU with the ET-LEC701 wide conversion lens attached.



Full-Function
Remote Control Unit
ET-RM100



Replacement
Lamp Unit
ET-LA702



10-Bit Digital Gamma Correction

The 10-bit gamma correction circuitry featured on all models optimizes the non-linear imaging characteristics of their LCD panels. Far superior to conventional analogue gamma processing, this circuitry delivers naturally vibrant colors with smooth shading and image gradation.

High Resolution and Intelligent Image Resizing

The PT-L711XU, PT-L701XSDU and PT-L701XU offer native XGA resolution (UXGA max.). The PT-L511XU and PT-L501XU support native SVGA resolution (SXGA max.). When displaying images of other types, the signals are expanded or compressed by a digital processing system that ensures smooth outlines and outstanding picture definition.

Ultrahigh Brightness

The 165-W UHM™ lamp delivers an ultrahigh level of brightness. The PT-L711XU features a Micro Lens Array (MLA) for even greater brightness.

UHM is a trademark of Matsushita Electric Industrial Co., Ltd.



Terminals

Other Important Features

- RGB signal input indication
- Optional wide conversion lens (ET-LEC701) shortens the throw distance by 12%
- 9x digital zoom
- Advanced shutter function
- Card-type remote control
- Compatible with six video systems: NTSC, M-NTSC, PAL, PAL-M, PAL-N, SECAM
- Component video signal compatibility: 1080i, 720p, 480p, 480i, 625i
- S-Video compatibility
- Full 16.7-million color palette
- 3-Dimensional Y/C separation for NTSC signal
- RS-232C computer interface



The card-type remote control unit is a standard accessory. The main unit has a storage space for it.

- Ceiling mount capability
- 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
- 4:3/16:9 screen aspect ratio selectable
- Rear screen projection
- Universal AC power supply (auto-voltage: 100 to 240 V)



A carrying bag is standard with each model.

The brightness of each model is measured in compliance with "Guidelines for LCD Projector Measuring Procedures and Measuring Conditions" by the Japan Business Machine Makers Association (JBMA). Fan noise is measured in compliance with the ISO7779 standard.

PC-Free Presentations from the PT-L701XSDU with SD Memory Card Slot

SD Memory Card Presentation

Simply store your data onto an SD Memory Card, then grab the PT-L701XSDU for a PC-free presentation anywhere, anytime.

16MB SD Memory Card and PC Card Adapter Included

The PT-L701XSDU comes complete with a 16MB SD Memory Card and a PC card adapter for it.



Supplied 16MB SD Memory Card (right) and PC card adapter (left)

Capture Function

Use this function to save images displayed from a connected PC or VTR directly onto an SD Memory Card. You can save information

during the meeting for future reference.

Auto Slide Show

This function automatically shows the data from an SD Memory Card in succession. The intervals of slides can be set to between 5 and 60 seconds in 5-second steps. Auto Slide Show is useful for demonstrations in a shop or at a convention.

Easy-to-Use Software Supplied

The "JPEG Convertor" utility software converts BMP or TIFF



The PT-L701XSDU comes supplied with file conversion software.

images and entire Microsoft® PowerPoint files into JPEG images for easy storage onto an SD Memory Card. Operation couldn't be easier. Just drag and drop the desired file or folder onto the JPEG Convertor icon.

Thumbnail Display

This function provides an index-type display of all the images on an SD Memory Card, and lets the user move and delete desired images.



Thumbnail Display for easy editing on the spot.

Specifications

Power supply:	100–240 V AC, 50/60 Hz
Power consumption:	240 W (standby mode*: 5 W) * with fan stopped.
Color system:	NTSC/M-NTSC/SECAM/PAL/ PAL-M/PAL-N
Scanning frequency:	
RGB	
PT-L711XU/L701XSDU/L701XU:	fH 24–97 kHz, fV 50–120 Hz
PT-L511XU/L501XU:	fH 24–81 kHz, fV 50–120 Hz
YPbPr:	480i: fH 15.7 kHz, fV 59.9 Hz 625i: fH 15.6 kHz, fV 50.0 Hz 480p: fH 31.5 kHz, fV 59.9 Hz 720p: fH 45 kHz, fV 60.0 Hz 1080i: fH 33.75 kHz, fV 60.0 Hz
Video/S-Video:	PAL/PAL-N/SECAM: fH 15.6 kHz, fV 50.0 Hz PAL-M/NTSC/M-NTSC: fH 15.7 kHz, fV 59.9 Hz
LCD panel:	0.9" (diagonal) polysilicon TFT LCD panels (x 3)
Drive method:	Active matrix
Pixels:	
PT-L711XU/L701XSDU/L701XU:	786,432 (1,024 x 768) x 3
PT-L511XU/L501XU:	480,000 (800 x 600) x 3
Pixel configuration:	Stripe
Screen aspect ratio:	4:3 (16:9 compatible)
Lens:	Manual zoom/focus lens (1:1–1:1.3), F 1.8–2.1, f 28.7–36.0 mm
Lamp:	AC 160 W UHM™ lamp
Colors:	Full color (16,777,216 colors)
Brightness:	
PT-L711XU:	1600 ANSI lumens
PT-L701XSDU:	1200 ANSI lumens
PT-L701XU:	1200 ANSI lumens
PT-L511XU:	1500 ANSI lumens
PT-L501XU:	1200 ANSI lumens
Contrast ratio:	
PT-L711XU:	400:1
PT-L701XSDU:	500:1
PT-L701XU:	500:1
PT-L511XU:	350:1
PT-L501XU:	200:1
Resolution:	
PT-L711XU/L701XSDU/L701XU:	
RGB:	1024 x 768 pixels
Video:	760 TV lines
PT-L511XU/L501XU:	
RGB:	800 x 600 pixels
Video:	600 TV lines
Screen size:	30"–300" diagonal (aspect ratio: 4:3)

Projection setting example

Projection size*	with supplied lens		with ET-LEC701 (option)	
40 inches	118	– 151 cm (3.9' – 5.0')	103	– 131 cm (3.4' – 4.3')
80 inches	243	– 308 cm (8.0' – 10.1')	213	– 271 cm (7.0' – 9.0')
120 inches	368	– 465 cm (12.7' – 15.3')	323	– 410 cm (10.6' – 13.5')
160 inches	492	– 622 cm (16.1' – 20.4')	434	– 549 cm (14.2' – 18.0')
200 inches	617	– 779 cm (20.2' – 25.6')	544	– 688 cm (17.8' – 22.6')
240 inches	742	– 936 cm (24.3' – 30.7')	655	– 827 cm (21.5' – 27.1')
300 inches	929	– 1172 cm (30.5' – 38.5')	820	– 1036 cm (26.9' – 34.0')

* diagonally

Lens shift:	9:1 (fixed)
Installation:	Ceiling/desk, front/rear (menu selection)
Built-in speaker:	
Size:	28 mm (1.1") round type
Output power:	1 W x 2 (stereo)
Terminals:	
RGB1/YPbPr in:	D-sub HD 15-pin
RGB2/YPbPr in:	D-sub HD 15-pin
S-Video in:	Mini DIN 4-pin
Video in:	RCA jack
Audio in:	RGB: Stereo mini jack Video: RCA jack (L/R)
Audio out:	Stereo mini jack
RS-232C:	D-sub 9-pin
SD memory card slot:	JPEG compliant/EXIF2.1 (Featured on the PT-L701XSDU only)
Security lock:	Kensington MicroSaver Security System
Dimensions (W x H x D):	233 x 98 x 330 mm (9-3/16" x 3-7/8" x 12-15/16")
Weight:	
PT-L711XU/L701XU/L511XU/L501XU:	3.8 kg (8.4 lbs.)
PT-L711XSDU:	3.9 kg (8.6 lbs.)
Operating temperature:	
Operating humidity:	0°–40°C (32°–104°F)
Safety regulations:	20%–80% (no condensation) UL1950, C-UL, EN60950, FCC class A, EN50082-1, EN55022 (B), EN61000-3-2, EN61000-3-3, VDE, CB Certificate, C-tick
Supplied accessories:	
Common:	Remote control unit, Batteries for remote control unit, Power cord, RGB cable, AV cable, Carrying bag
For the PT-L701XSDU only:	
	SD memory card (16 MB), PC card adapter for SD memory card, JPEG conversion software (JPEG Converter)
Optional accessories:	Replacement lamp unit: ET-LA702 Ceiling mount bracket: ET-PK701 Full function wireless remote control: ET-RM100 Wide conversion lens: ET-LEC701 D-sub 15-pin/BNC adapter cable: ET-ADBNC

Compatible Signals

PT-L711XU/L701XSDU/L701XU					
VGA 400	fH	fV	MXGA	fH	fV
640 x 400	31.5	70.1	1152 x 864	64.0	71.2
				67.5	75.0
VGA 480	fH	fV		76.7	85.0
640 x 480	31.5	59.9			
	37.9	72.8	Mac 21"	fH	fV
	37.5	75.0	1152 x 870	68.7	75.1
	43.3	85.0			
			SXGA	fH	fV
Mac 13"	fH	fV	1280 x 1024	52.4	50.0
640 x 480	35.0	66.7		64.0	60.0
SVGA	fH	fV		72.3	66.3
800 x 600	32.1	51.1		78.2	72.0
	35.2	56.3		80.0	75.0
	37.9	60.3	1280 x 1024i	46.4	86.9
	48.1	72.2		47.6	89.1
	46.9	75.0	UXGA	fH	fV
	53.7	85.1	1600 x 1200	75.0	60.0
				87.5	70.0
Mac 16"	fH	fV		93.8	75.0
832 x 624	49.7	74.6			
XGA	fH	fV	Video/S-Video	fH	fV
1024 x 768	48.4	60.0	PAL/PAL-N/SECAM		
	56.5	70.1		15.7	50.0
	60.0	75.0	NTSC/M-NTSC/PAL-M		
	65.5	81.6		15.6	59.9
	68.7	85.0	YPbPr	fH	fV
	80.0	100.0	480i	15.7	59.9
	96.7	120.0	625i	15.6	50.0
1024 x 768i	35.5	87.0	480p	31.5	59.9
Mac 19"	fH	fV	720p	15.0	60.0
1024 x 768	60.2	74.9	1080i	33.75	60.0

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

The display resolution of the PT-L711XU, PT-L701XSDU and PT-L701XU 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-L511XU/L501XU					
VGA 400	fH	fV	Mac 19"	fH	fV
640 x 400	31.5	70.1	1024 x 768	60.2	74.9
VGA 480	fH	fV	MXGA	fH	fV
640 x 480	31.5	59.9	1152 x 864	64.0	71.2
	37.9	72.8		67.5	75.0
	37.5	75.0			
	43.3	85.0	SXGA	fH	fV
			1280 x 1024	52.4	50.0
Mac 13"	fH	fV		64.0	60.0
640 x 480	35.0	66.7	Video/S-Video	fH	fV
SVGA	fH	fV	PAL/PAL-N/SECAM		
800 x 600	32.1	51.1		15.7	50.0
	35.2	56.3	NTSC/M-NTSC/PAL-M		
	37.9	60.3		15.6	59.9
	48.1	72.2	YPbPr	fH	fV
	46.9	75.0	480i	15.7	59.9
	53.7	85.1	625i	15.6	50.0
	80.0	100.0	480p	31.5	59.9
Mac 16"	fH	fV	720p	15.0	60.0
832 x 624	49.7	74.6	1080i	33.75	60.0
XGA	fH	fV			
1024 x 768	48.4	60.0			
	56.5	70.1			
	60.0	75.0			
	65.5	81.6			
	68.7	85.0			
	80.0	100.0			
1024 x 768i	35.5	87.0			

The display resolution of the PT-L511XU and PT-L501XU 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.

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Panasonic is the brandname of Matsushita Electric.

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