

# Panasonic

Micro Portable SVGA LCD Projector

## PT-LC56U

Simple  
Stylish  
Slim  
Secure



- Slim and compact:
  - 65 mm high (approx. 2.6)\*
  - A4 size: 297 x 209 mm (11.7" x 8.2")
- Light weight: 4.9 lbs (2.2 kg)
- 1600 ANSI lumens
- Easy to use:
  - Extra-short-throw lens
  - One-touch auto setup with keystone correction
  - Automatic input signal detector
- RGB2-in/RGB1-out selectable
- Anti-theft features:
  - User password
  - Control panel lock
  - Text superimposing
- Auto power off

\* 72 mm / 2.83" including protruding parts and legs.

**Panasonic** ideas for life

# Easy As ABC



**T**he Panasonic PT-LC56U is a high-performance projector that's easy enough for anyone to use. Its unique one-touch auto setup with digital keystone correction lets the projector practically set itself up. Just watch for the power indicator on the top panel to turn green—that's your "GO" signal to start presenting.

The PT-LC56U's slim, compact body won't block the audience's view, and its sleek design gains you "style points" even before your presentation begins. Measuring 8.2" (209 mm) long by 11.7" (297 mm) wide and 2.6" (65 mm) high, this micro-portable unit can slip easily into a carrying bag or a drawer in your desk.

The PT-LC56U is also equipped with a number of anti-theft features, like control panel lock that makes it impossible for others to operate the projector without the remote control. And its minimal size lets you store the PT-LC56U just about anywhere, so you can select a secure location that will help deter potential thieves.

Naturally, the PT-LC56U also features Panasonic's characteristic reliability and performance, so you can be assured of superior brightness and crisp, clear images. Equipped with user-friendly features like two RGB inputs and RGB-out monitoring capability, the PT-LC56U is truly a presentation tool destined to be at the head of the class.

## Simple

### Quick and Easy 1-2-3 Setup

The PT-LC56U top panel has just three control buttons: POWER, INPUT, and AUTO SETUP. Simply aim the projector at the screen and press the three buttons\*...it's that easy!

\* After turning on the main power and putting the projector into standby mode.



- 1 Power up...**  
Turn on the main power at the rear of the projector, then press the power button.
- 2 Select input...**  
Select your input signal source.
- 3 Setup is automatic...**  
Press the auto setup button, and the projector automatically adjusts to display the image correctly.

## One-Touch Auto Setup with Digital Keystone Correction

The One-Touch auto setup function with digital keystone correction saves you time and trouble. The projector handles all picture adjustments, from phasing and dot clocks to vertical and horizontal alignment. Plus, Panasonic's original built-in gravity sensor even determines the projector's angle relative to the floor (up to 30 degrees off level) and corrects for keystone distortion accordingly. With setup so quick and easy, you can start your presentation almost immediately.

Before keystone correction



After keystone correction

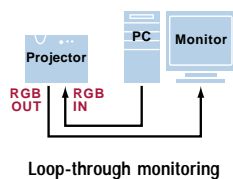


## Automatic Input Signal Detector

The PT-LC56U's new automatic signal detector also handles the entire re-setup procedure for you if the input signal changes. In other words, once you've used the One-Touch Auto Setup function at the start of your presentation, you can connect different PCs without any further adjustment—you don't even have to press the auto setup button each time.

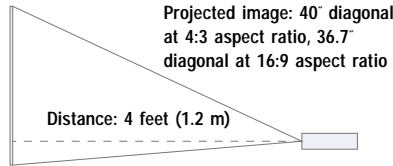
## RGB2-In/RGB1-Out Switchable

The PT-LC56U accepts up to two RGB inputs, which eliminates the need to juggle and reconnect equipment when giving consecutive presentations from two different PCs. The RGB2 terminal can also serve as a loop-through monitoring terminal for the RGB1 input. This means that an instructor, for example, can give a large-screen classroom presentation while following the same images on a desktop or notebook PC, eliminating the need to keep turning around to look at the screen behind.



## Extra-Short-Throw Lens

The PT-LC56U is equipped with a large-diameter, extra-short-throw lens. This shortens the necessary projection distance, thereby saving space. You can project a 32"-wide screen, for example, from only four feet (1.2 meters) away, which lets you place the projector right at the front of the table. Your presentations can be both more comfortable and more convenient, with large, easy-to-see images even in smaller rooms.



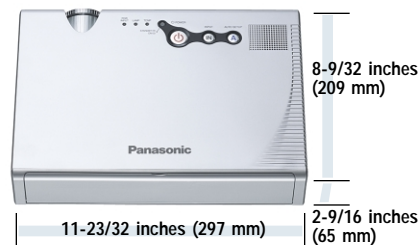
## High 1600 ANSI Lumens Brightness

The PT-LC56U delivers super-bright output with 1600 ANSI lumens—thanks to a high-performance optical system and high-efficiency 160W UHM™ lamp—for sharp, crisp images that are easy to see. It also provides excellent brightness uniformity of 90%.

## Stylish/Slim

### Compact and Lightweight

The PT-LC56U has a simple, streamlined look. Measuring 8.2" (209 mm) long by 11.7" (297 mm) wide and 2.6" (65 mm) high, this micro-portable unit can slip easily into a bag for carrying, together with a notebook PC. And it weighs only 4.9 pounds (2.2 kg). This



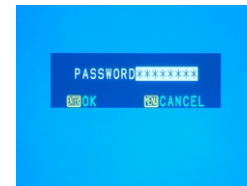
lightweight, space-saving design lets you store it on a bookshelf, in a locker...virtually anywhere you want.

## Secure

### Anti-Theft Features

The PT-LC56U is designed with effective anti-theft features, including a user password, control panel lock and text superimposing. It also has a security lock slot compatible with the Kensington MicroSaver® cable.

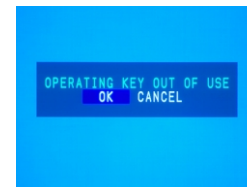
### User Password



When the projector power is turned on, a screen appears prompting you to enter the password. Unless the

correct password is input, nothing but the power button can be operated. The password can be changed as desired.

### Control Panel Lock

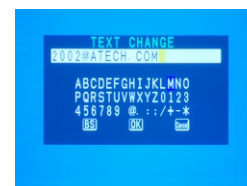


Using a setting on the on-screen menu, you can disable the operation of all of the controls on the top and rear panels of the projector. This setting can only be

canceled with the unit's own card remote control. By simply storing the projector and remote control separately, you can thus prevent unauthorized use.

### Text Superimposing

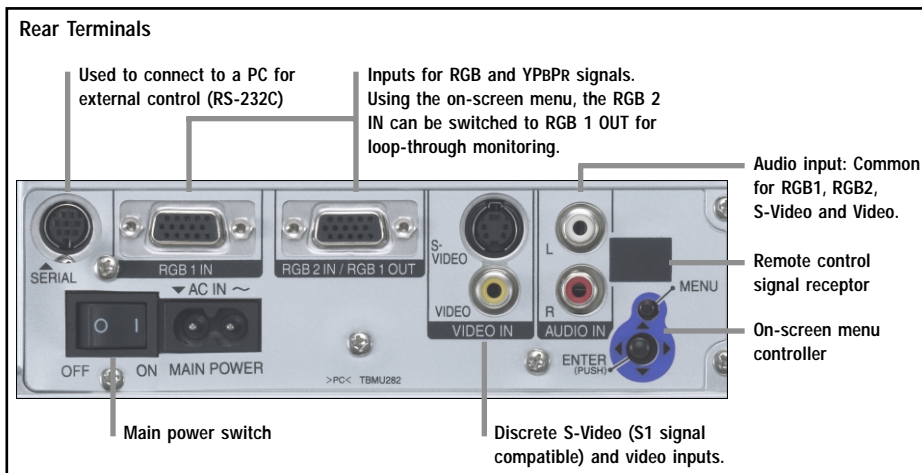
You can program a text line to be superimposed on the bottom of the projected image. This helps to deter theft by continually displaying, for example, your company name, URL, or a warning of your choice.



You can create any wording you like (up to 22 characters) from the menu setting.



Continual display of this text at the bottom of the image screen has a theft-deterrent effect.



## Additional Valuable Features

- Auto power off lets you set a duration (from 15 to 60 minutes in 5-minute step) after which the projector will automatically enter standby mode if it has not been operated.
- HDTV compatibility
- Full compatibility with sRGB color space for accurate color reproduction (in natural mode)
- Color temperature selection (standard/high/low)
- Picture mode selection (standard/dynamic/natural)
- 3x digital zoom
- Index Window
- Freeze
- Advanced shutter function for image muting
- Selectable 7-language on-screen menu (English,

- German, French, Spanish, Italian, Japanese, Chinese)
- Automatic RGB input selection
- Discrete S-Video and video inputs allow connection of two DVD/video sources at a time
- Ceiling mountable (option)
- The lid for the rear panel can be detached for fixed ceiling mounting.
- The card remote control fits in the palm of your hand, and gives you smooth control of all major operations.
- Card remote control storage space (in rear panel)
- Lamp power high/low selection
- Fan control for high elevations (above 4,600 feet/

1,400 m)

- Temperature warning indication
- Lamp replacement warning indication
- Carrying bag supplied

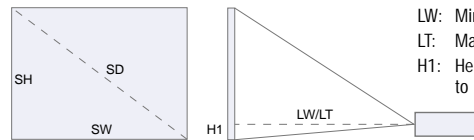


## Specifications

<b>LCD Panel</b>	0.7-inch diagonal (4:3 aspect ratio) x 3
<b>Pixels</b>	800 x 600 x 3 pixels (1,440,000 pixels)
<b>Lamp</b>	160 W UHM™ lamp
<b>Brightness*1</b>	1600 ANSI lumens
<b>Uniformity</b>	90%
<b>Contrast Ratio</b>	400:1 (full on/full off)
<b>Lens</b>	Manual zoom, manual focus, F 2.0–2.3, f 22.0–26.2 mm
<b>Image Size (diagonal)</b>	33"–300" / 83.8–762 cm (aspect ratio: 4:3)
<b>Optical Shift</b>	6:1 (fixed)
<b>Keystone Correction Range</b>	±30° vertically
<b>Video Compatibility</b>	
<b>Video YPBPR</b>	NTSC, M-NTSC, PAL, PAL-M, PAL-N, PAL60, SECAM 525i (480i), 625i (576i), 525p (480p), 750p (720p), 1125i (1080i)
<b>Computer Compatibility</b>	VGA, SVGA, XGA, SXGA, UXGA, Mac
<b>H-Sync/V-Sync Range</b>	15–91 kHz, 50–85 Hz
<b>Built-in speaker</b>	1.6" x 1.2" (4 x 3 cm), 2 W output power (monaural)
<b>Terminals</b>	VIDEO IN (RCA x 1) S-VIDEO IN (Mini DIN 4-pin x 1) AUDIO IN (RCA, L/R x 1) RGB1 IN (D-sub HD 15-pin x 1) RGB2 IN/RGB1 OUT, switchable (D-sub HD 15-pin x 1) SERIAL (DIN 8-pin)
<b>On-Screen Menu</b>	7 languages (English, French, German, Spanish, Italian, Chinese, Japanese) Ceiling/desk, front/rear (menu selection)
<b>Installation</b>	
<b>Power Supply</b>	100–240 V AC (auto-voltage), 50/60 Hz
<b>Power Consumption</b>	220 W (standby mode**): 3 W
<b>Weight</b>	4.9 lbs/2.2 kg
<b>Dimensions (W x H x D)**3</b>	11-23/32" x 2-9/16" x 8-7/32" (297 x 65 x 209 mm)
<b>Operating Temperature</b>	0°–40°C (32°–104°F)
<b>Operating Humidity</b>	20%–80%
<b>Supplied Accessories</b>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Card-type remote control unit</li> <li>• Battery for remote control unit</li> <li>• VGA cable (3 m/9.9')</li> <li>• AV cable (3 m/9.9')</li> <li>• Carrying bag</li> </ul>
<b>Optional Accessories</b>	Replacement lamp unit: ET-LAC80 Ceiling mount bracket: ET-PKC80 Full-function wireless remote control: ET-RM200 Serial adapter (DIN 8-pin to D-sub 9-pin): ET-ADSER

\*1 ANSI lumens is measuring method of the American Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.  
 \*2 With fan stopped.  
 \*3 Without lens cover, and not including protruding parts and legs. Height including legs is 2-27/32" (72 mm).

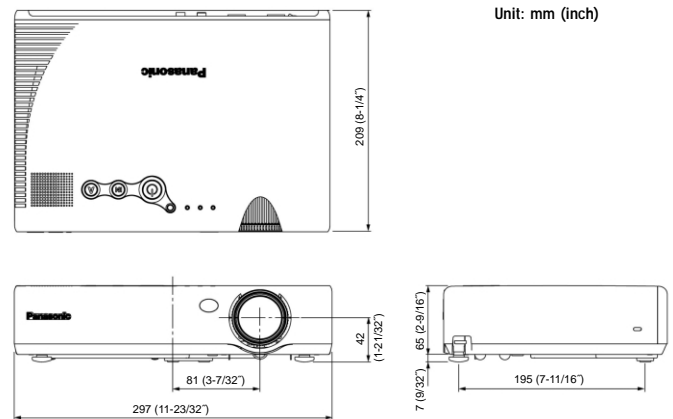
## Projection Distance



SD: Diagonal image size  
 SH: Height of projected image  
 SW: Width of Projected image  
 LW: Minimum projection distance  
 LT: Maximum projection distance  
 H1: Height from the edge of screen to center of lens

Diagonal image size (4:3 aspect ratio)	Distance to screen		Height from the edge of screen to center of lens
	min.	max.	
33" / 0.84 m / 2.7'	—	1.1 m / 3.6'	8 cm / 3.1"
40" / 1.02 m / 3.3'	1.2 m / 3.9'	1.4 m / 4.6'	9 cm / 3.5"
50" / 1.27 m / 4.2'	1.5 m / 4.9'	1.8 m / 5.9'	11 cm / 4.3"
60" / 1.52 m / 4.9'	1.8 m / 5.9'	2.1 m / 6.9'	14 cm / 5.5"
70" / 1.78 m / 5.8'	2.1 m / 6.9'	2.5 m / 8.3'	16 cm / 6.3"
80" / 2.03 m / 6.7'	2.4 m / 7.9'	2.9 m / 9.5'	18 cm / 7.1"
90" / 2.29 m / 7.5'	2.8 m / 9.2'	3.2 m / 10.5'	20 cm / 7.9"
100" / 2.54 m / 8.3'	3.0 m / 9.8'	3.6 m / 11.8'	22 cm / 8.7"
120" / 3.05 m / 10.0'	3.7 m / 12.1'	4.3 m / 14.1'	26 cm / 10.2"
150" / 3.81 m / 12.5'	4.6 m / 15.1'	5.4 m / 17.7'	33 cm / 13.0"
200" / 5.08 m / 16.7'	6.1 m / 20.0'	7.3 m / 24.0'	44 cm / 17.3"
250" / 6.35 m / 20.8'	7.6 m / 24.9'	9.1 m / 29.9'	55 cm / 21.7"
300" / 7.62 m / 25.0'	9.2 m / 30.2'	11.0 m / 36.1'	66 cm / 26.0"

## Dimensions



Please contact Panasonic or your dealer for a demonstration.

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