

# Panasonic

Micro Portable XGA LCD Projector

## PT-LC80E

Simple  
Stylish  
Slim  
Secure



- 2000 ANSI lumens
- Slim and compact:
  - 65 mm high (approx. 2.6")\*
  - A4 size: 297 x 209 mm (11.7" x 8.2")
- Light weight: 2.2 kg (4.9 lbs)
- Easy to use:
  - Extra-short-throw lens
  - One-touch auto setup
  - H/V-keystone correction
  - Automatic input signal detector
- RGB2-in/RGB1-out switchable
- Anti-theft features:
  - User password
  - Control panel lock
  - Text superimposing
- Blackboard mode
- Auto power off

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

# Easy Presentations with 2000 ANSI Brightness



**Y**ou've put the perfect presentation together, but you don't have a lot of time. Every second counts. You've got to get set up quickly. That's when you need the Panasonic PT-LC80E. With one-touch auto setup and digital keystone correction, the PT-LC80E virtually sets itself up.

This micro-portable unit packs uncompromising performance in a slim, stylish body. It delivers a full 2,000 ANSI lumens of brightness. It adds a number of anti-theft features, such as a control panel lock that prevents operation without the remote control. And the PT-LC80E measures just 209 mm (8.2") by 297 mm (11.7") by 65 mm (2.6"), so it slips easily into a bag for go-anywhere convenience.

Bright, mobile, easy to use. The PT-LC80E is a smart answer to all your presentation needs.

## Simple

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

The PT-LC80E 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.

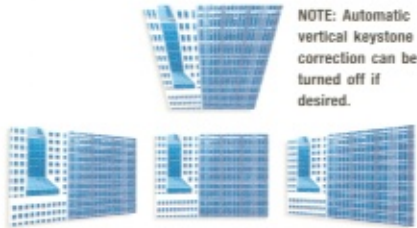
### One-Touch Auto Setup

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 position. With setup so quick

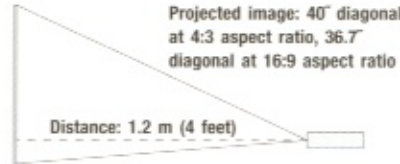
and easy, you can start your presentation almost immediately.

### Horizontal/Vertical Digital Keystone Correction

The PT-LC80E's built-in gravity sensor—a Panasonic original—determines the projector's angle relative to the floor and corrects for vertical keystone distortion accordingly. This is performed automatically as part of the one-touch auto setup function. Horizontal (left/right) keystone correction can be performed manually using the on-screen menu.



the necessary projection distance, thereby saving space. You can project a 32"-wide screen, for example, from only 1.2 meters (four feet) 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.



### Blackboard Mode



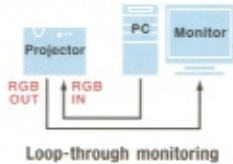
This special picture mode allows the PT-LC80E to project images onto an ordinary classroom or conference room blackboard when a projection screen is not available.

### Automatic Input Signal Detector

The PT-LC80E'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-LC80E 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, making it easy to give presentations while viewing the display on a desktop or notebook computer.



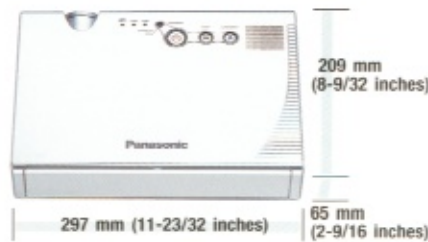
### High 2000 ANSI Lumens Brightness

The PT-LC80E delivers super-bright output with 2000 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-LC80E has a simple, streamlined look. Measuring 209 mm (8.2") long by 297 mm



(11.7") wide and 65 mm (2.6") high, this micro-portable unit can slip easily into a bag for carrying, together with a notebook PC. And it weighs only 2.2 kg (4.9 pounds). This lightweight, space-saving design lets you store it on a bookshelf, in a locker—virtually anywhere you want.

## Secure

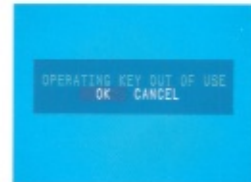
### Anti-Theft Features



The PT-LC80E 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 cancelled with the supplied card remote control. By simply storing the projector and remote control separately, you can thus prevent unauthorised use.

### Text Superimposing

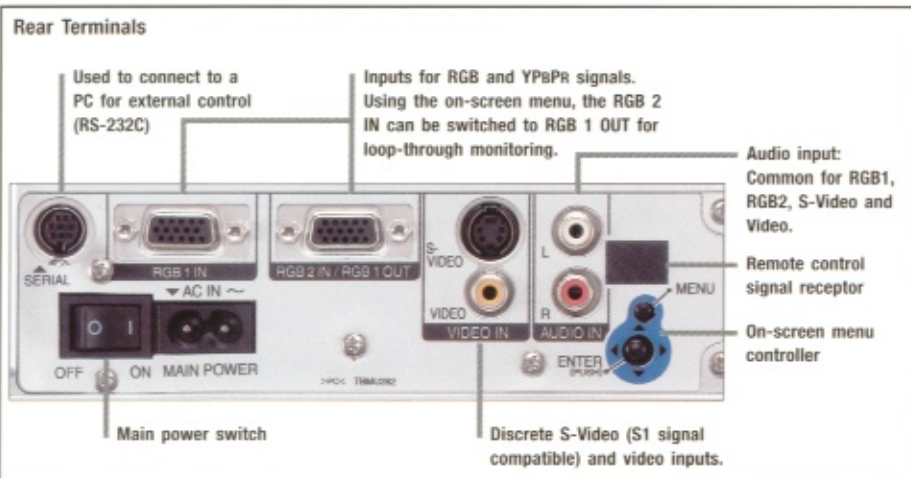
You can program a text line to be superimposed on the bottom of the projected image. This helps to deter theft by continually displaying, for example, your company name, URL, or a warning of your choice.



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 specify a time (from 15 to 60 minutes, in 5-minute steps) after which the projector automatically enters standby mode if unused.
- HDTV compatibility
- Full compatibility with sRGB colour space for accurate colour reproduction (in natural mode)
- Colour 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)

- RGB signal input indication
- 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>	1024 x 768 x 3 pixels (2,359,296 pixels)
<b>Lamp</b>	160 W UHM™ lamp
<b>Brightness**</b>	2000 ANSI lumens
<b>Uniformity</b>	90%
<b>Contrast Ratio</b>	400:1 (full on/full off)
<b>Lens</b>	Manual zoom, manual focus, 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>Optical Shift</b>	6:1 (fixed)
<b>Keystone Correction Range</b>	±30° vertically, ±20° horizontally (Horizontal: Max. ±30° with vertical correction off)
<b>Video Compatibility</b>	
<b>Video YPbPr</b>	PAL, PAL-M, PAL-N, PAL60, SECAM, NTSC, M-NTSC 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>	4 x 3 cm (1.6" x 1.2"), 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)
<b>Installation</b>	Ceiling/desk, front/rear (menu selection)
<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>	2.2 kg/4.9 lbs
<b>Dimensions (W x H x D)**</b>	297 x 65 x 209 mm (11-23/32" x 2-9/16" x 8-7/32")
<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 adaptor (DIN 8-pin to D-sub 9-pin): ET-ADSER

\*1 ANSI lumens is the measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications may vary among manufacturers.

\*2 With fan stopped.

\*3 Without lens cover, and not including protruding parts and legs. Height including legs is 72 mm (2-27/32").

## Projection Distance



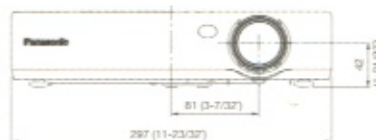
SD: Diagonal image size  
SH: Height of projected image  
SW: Width of Projected image  
LW: Minimum projection distance  
LT: Maximum projection distance  
H1: Height from the edge of screen to centre of lens

Diagonal image size (4:3 aspect ratio)	Distance to screen		Height from the edge of screen to centre 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'	1.7 m / 5.6'	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'	2.4 m / 7.9'	16 cm / 6.3"
80" / 2.03 m / 6.7'	2.4 m / 7.9'	2.8 m / 9.2'	18 cm / 7.1"
90" / 2.29 m / 7.5'	2.7 m / 8.9'	3.2 m / 10.5'	20 cm / 7.9"
100" / 2.54 m / 8.3'	3.0 m / 9.8'	3.5 m / 11.5'	22 cm / 8.7"
120" / 3.05 m / 10.0'	3.6 m / 12.5'	4.2 m / 13.8'	26 cm / 10.2"
150" / 3.81 m / 12.5'	4.5 m / 14.8'	5.3 m / 17.4'	33 cm / 13.0"
200" / 5.08 m / 16.7'	6.0 m / 19.7'	7.1 m / 23.3'	44 cm / 17.3"
250" / 6.35 m / 20.8'	7.5 m / 24.6'	8.9 m / 29.2'	55 cm / 21.7"
300" / 7.62 m / 25.0'	9.0 m / 29.5'	10.7 m / 35.1'	66 cm / 26.0"

## Dimensions



Unit: mm (inch)



# Panasonic

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