Panasonic

Micro Portable XGA LCD Projector

PT-**LC76**E

Micro Portable SVGA LCD Projector

PT-**LC56**E

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: 2.2 kg (4.9 lbs)
- 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.

The Mobile Presentation Solution

You're perfectly prepared. Mentally set. Suddenly, the time for your meeting gets cut in half. Now every second counts. But the more you rush to set up your projector, the longer it seems to take. The customer is growing increasingly impatient. Been there?

If you choose the Panasonic PT-LC76E or PT-LC56E, you'll never be in that situation again. Their 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 slim, compact body of the PT-LC76E and PT-LC56E won't block the audience's view, and its stylish design will make a good impression even before the presentation begins. Exactly the length and width of A4-size paper and only 65 mm high, these micro-portable units slip easily into a bag alongside a notebook PC to give you a complete mobile presentation system.

The PT-LC76E and PT-LC56E are 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 the minimal size lets you store the projector just about anywhere, so you can select a secure location that will help deter potential thieves.

Simple

Quick and Easy 1-2-3 Setup

The 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 projec-
   tor 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 adjust-

ments, 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

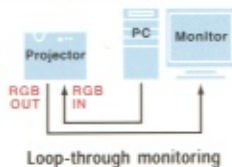**After keystone correction**

Automatic Input Signal Detector

The 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.
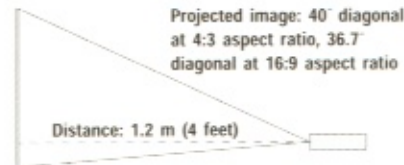
RGB2-In/RGB1-Out Switchable

The PT-LC76E and PT-LC56E accept 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.

RGB OUT | RGB IN

Loop-through monitoring

Extra-Short-Throw Lens

Each model is equipped with a large-diameter, extra-short-throw lens. This shortens the necessary projection distance, thereby saving space. You can project a 0.8 metre wide

screen, for example, from only 1.2 metres (4 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.

Projected image: 40˝ diagonal at 4:3 aspect ratio, 36.7˝ diagonal at 16:9 aspect ratio
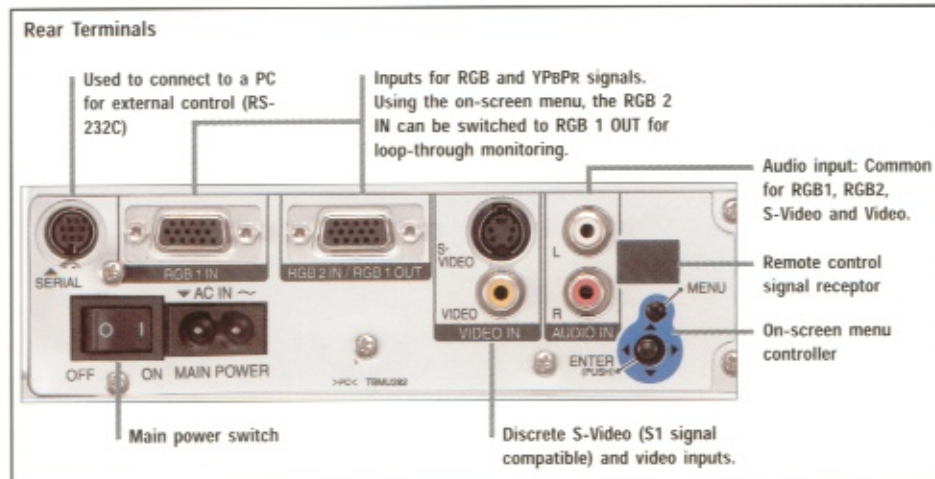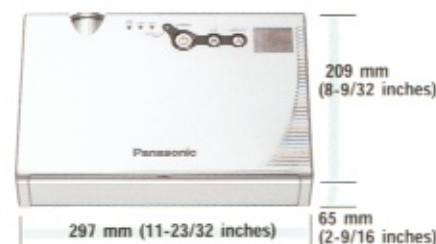
Distance: 1.2 m (4 feet)

High 1600 ANSI Lumens Brightness

The PT-LC76E and PT-LC56E deliver 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. They also provide excellent brightness uniformity of 90%.

Stylish/Slim

Compact and Lightweight

The PT-LC76E and PT-LC56E have a simple, streamlined look. Exactly A4 size in length and width and just 65 mm high, these micro-portable units can slip easily into a bag for carrying, together with a notebook PC. And they weigh only 2.2 kg. Their lightweight, space-saving design lets you store them on a bookshelf, in a locker...virtually anywhere you want.

209 mm (8-9/32 inches)

297 mm (11-23/32 inches)

65 mm (2-9/16 inches)

Secure

Anti-Theft Features

The PT-LC76E and PT-LC56E are designed with effective anti-theft features, including a user password, control panel lock and text superimposing. They also have a security lock slot compatible with the Kensington MicroSaver® cable.

User Password

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

OPERATING KEY OUT OF USE

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 unit's own 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.

TEXT CHANGE

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.

Rear Terminals

Used to connect to a PC for external control (RS-232C)

Inputs for RGB and YPBPR signals. Using the on-screen menu, the RGB 2 IN can be switched to RGB 1 OUT for loop-through monitoring.

Audio input: Common for RGB1, RGB2, S-Video and Video.

Remote control signal receptor

On-screen menu controller

Main power switch

Discrete S-Video (S1 signal compatible) and video inputs.

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 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 1,400 m/

4,600 feet)
- Temperature warning indication
- Lamp replacement warning indication
- Carrying bag supplied

Specifications

LCD Panel		0.7-inch diagonal (4:3 aspect ratio) x 3
Pixels	PT-LC76E	1024 x 768 x 3 pixels (2,359,296 pixels)
	PT-LC56E	800 x 600 x 3 pixels (1,440,000 pixels)
Lamp		160 W UHM™ lamp
Brightness*1		1600 ANSI lumens
Uniformity		90%
Contrast Ratio	PT-LC76E	300:1 (full on/full off)
	PT-LC56E	400:1 (full on/full off)
Lens		Manual zoom, manual focus. F 2.0–2.3, f 22.0–26.2 mm
Image Size (diagonal)		33–300˝ / 83.8 762 cm (aspect ratio: 4:3)
Optical Shift		6:1 (fixed)
Keystone Correction Range		±30° vertically
Video Compatibility		
	Video	PAL, PAL-M, PAL-N, PAL 60, SECAM, NTSC, M-NTSC
	YPBPR	525i (480i), 625i (576i), 525p (480p), 750p (720p), 1125i (1080i)
Computer Compatibility		VGA, SVGA, XGA, SXGA, UXGA, Mac
H-Sync/V-Sync Range		15–91 kHz, 50–85 Hz
Built-in speaker		4 x 3 cm (1.6˝ x 1.2˝), 2 W output power (monaural)
Terminals		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)
On-Screen Menu		7 languages (English, French, German, Spanish, Italian, Chinese, Japanese)
Installation		Ceiling/desk, front/rear (menu selection)
Power Supply		100–240 V AC (auto-voltage), 50/60 Hz
Power Consumption		220 W (standby mode*2: 3 W)
Weight		2.2 kg/4.9 lbs
Dimensions (W x H x D)*3		297 x 65 x 209 mm (11-23/32˝ x 2-9/16˝ x 8-7/32˝)
Operating Temperature		0°–40°C (32°–104°F)
Operating Humidity		20%–80%
Supplied Accessories		• Power cord
		• Card-type remote control unit
		• Battery for remote control unit
		• VGA cable (3 m/9.9˝)
		• AV cable (3 m/9.9˝)
		• Carrying bag
Optional Accessories		Replacement lamp unit: ET-LAC80
		Ceiling mount bracket: FT-PKC80
		Full-function wireless remote control: FT-RM200
		Serial adaptor (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 manufactures.
*2 With fan stopped.
*3 Without lens cover, and not including protruding parts and legs. Height including legs is 72 mm (2-27/32˝).
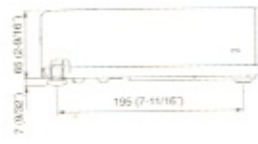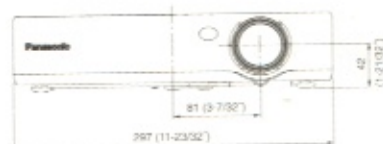
Projection Distance

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 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

Unit: mm (inch)

208 (8-1/4˝)
297 (11-23/32˝)
81 (3-7/32˝)
42 (1-21/32˝)
65 (2-9/16˝)
7 (9/32˝)
195 (7-11/16˝)

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