Panasonic
ideas for life

PT-**LM1**U
Mobile SVGA LCD Projector

Go Mobile: The Lightweight LCD Projector



- **Lightweight and compact**
  - 3.5 lbs (1.6 kg)
  - 10-3/32″ x 2-11/32″ x 8-7/32″ * (257 x 59 x 209 mm) *

* Height including legs: 2-11/16″ (69 mm)

- **1200 lumens brightness**
- **Time-saving**
  - Speed start
  - Direct power off
  - One-touch auto setup with digital keystone correction
- **Secure**
  - Password and control lock
  - Text superimposing
  - Kensington lock
- **Auto power off**

Go Mobile.

3.5 lbs

10-3/32″ x 2-11/32″ x 8-7/32″

SVGA

1200 Lumens

Time-Saving Functions

Security

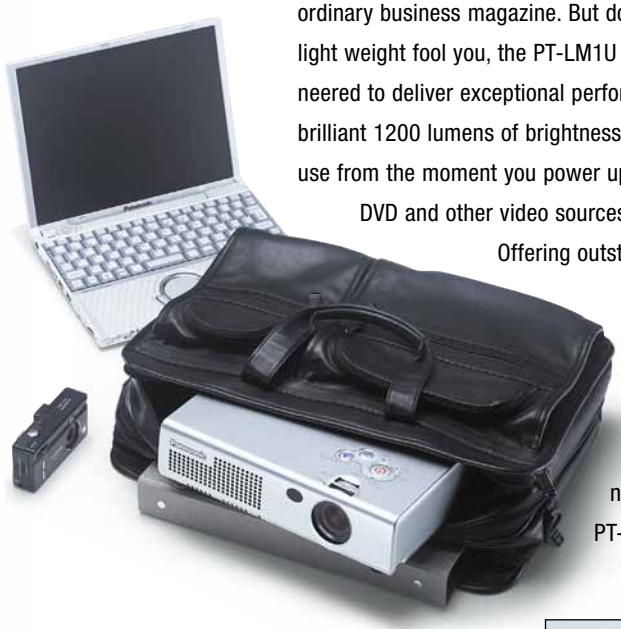


For business presentations

For classrooms

For home theater

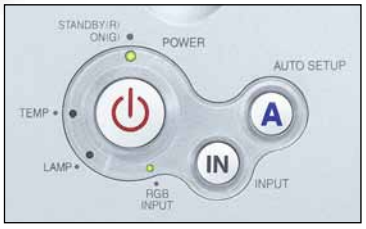




The Panasonic PT-LM1U weighs 3.5 lbs and is just 10-3/32″ wide by 8-7/32″ deep; its footprint is slightly smaller than an ordinary business magazine. But don't let the small size and light weight fool you, the PT-LM1U is feature-packed and engineered to deliver exceptional performance. It provides you with a brilliant 1200 lumens of brightness and offers superior ease of use from the moment you power up. Of course, it also displays DVD and other video sources with excellent image quality.

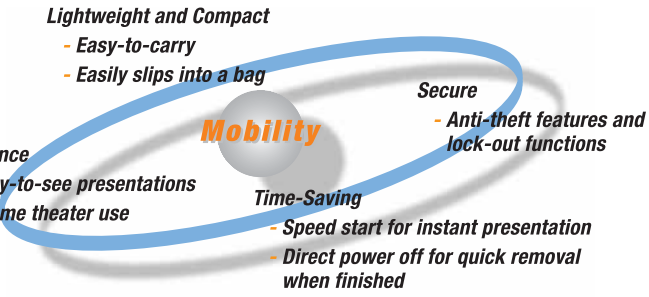
Offering outstanding performance optimized for mobile use and made easy enough for anyone to operate, the PT-LM1U is an extremely handy projector. If you currently use a notebook PC or DVD player, the PT-LM1U is made for you.

The PT-LM1U is extremely simple to operate, even if you've never used a projector before, for stress-free presentations or home theater entertainment. And it is small and light enough to bring it with you to your customers or friends—whatever you want to do, the PT-LM1U makes it easy.



Neatly-arranged controls are all on top.

Features for Mobility and Convenience





Lightweight and Portable >>

Ultra-Lightweight: Only 3.5 lbs

Weighing approximately 3.5 pounds, the Panasonic PT-LM1U won't make you feel overloaded, even when carrying it along with a notebook PC. The PT-LM1U the logical choice for mobile presentations.

Space-Saving Compact Body

Just 10-3/32 inches wide by 8-7/32 inches deep, and only 2-11/32 inches high, the PT-LM1U slips easily into a bag or briefcase. Its compact size and minimal weight make it pleasingly portable and minimizes the space required during presentations or storage.



* Height including legs: 2-11/16″

High Performance >>

Bright 1200 Lumens

Thanks to a high-performance optical system and high-efficiency 130-W UHM™ lamp, the PT-LM1U delivers super-bright pictures with 1200 lumens. Sharp, crisp images are easy to see.

Projector AI*

Using artificial intelligence, the PT-LM1U instantaneously adjusts the brightness of the lamp to optimize on-screen imaging. For darker scenes, it automatically lowers the brightness to produce deeper blacks and make light areas stand out. This improves overall image quality and heightens your enjoyment of DVD and other video programming.

* In high lamp power mode.

Time-Saving >>

Speed Start



Speed Start slashes the time it takes to get your presentation under way. The image appears in approx. 5 seconds after you press the power button. Behind this breakthrough is Panasonic's high-precision lamp and lamp power supply—an advantage made possible by our advanced production technology.

Direct Power Off

When the presentation is completed, Direct Power Off lets you disconnect the power cable and move the projector right away* because the cooling fan keeps operating until the lamp is cooled.

* Note: The projector cannot be placed into a bag until the cooling fan stops operating.

One-Touch Auto Setup with Digital Keystone Correction



This function assures quick and easy setup. The projector handles the basic image adjustments, from phasing to vertical and horizontal position. Vertical digital keystone correction is also done automatically.

Secure >>

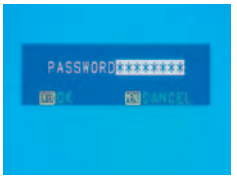
Anti-Theft Features

The PT-LM1U 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 the projector's controls. This setting can only be canceled with the supplied 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.

More Convenience >>

Auto Power Off

This lets you specify a time (from 15 to 60 minutes, in 5-minute steps) after which the projector automatically enters standby mode if unused.

More Valuable Features

- 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)
- Projector AI on/off
- Still mode
- 3x digital zoom
- Index Window
- Freeze
- Shutter function for image and sound muting
- Selectable 8-language on-screen menu (English, German, French, Spanish, Italian, Russian, Chinese, Korean)
- Discrete S-Video and video inputs allow connection of two DVD/video sources at a time
- Card remote control
- Handy card remote control holder on the bottom of the projector
- Ceiling mountable (option)
- Lamp power high/low selection
- Fan control for high elevations (above 4,600 feet/1,400 m)
- Temperature warning indication
- Lamp replacement warning indication



Supplied card remote control

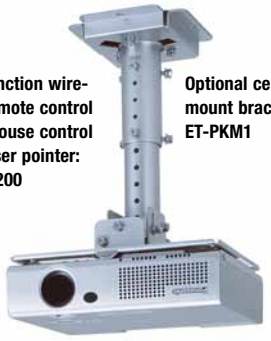
Rear View



Optional Accessories



Full-function wireless remote control with mouse control and laser pointer: ET-RM200

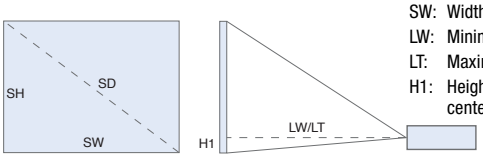


Optional ceiling mount bracket: ET-PKM1

Specifications

LCD Panel	0.55-inch diagonal (4:3 aspect ratio) x 3
Pixels	800 x 600 x 3 pixels (480,000 pixels)
Lamp	130 W UHM™ lamp
Brightness	1200 lumens
Uniformity	90%
Contrast Ratio	400:1
Lens	Manual zoom (1:1–1:1.2), manual focus, F 1.8–1.9, f 17.0–20.4 mm
Image Size (Diagonal)	33″–300″/0.84–7.6 m (aspect ratio: 4:3)
Throw Distance	3′10″–36″ (1.17–10.99 m)
Optical Shift	6:1 (fixed)
Keystone Correction	Digital, vertical ±30°
Video Compatibility	
Video	NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM
YPBPR	480i (525i), 576i (625i), 480p (525p), 576p (625p), 720p (750p), 1080i (1125i)
Computer Compatibility	VGA, SVGA, XGA, SXGA, UXGA, Mac
H-Sync/V-Sync Range	15–91 kHz, 50–85 Hz
Built-In Speaker	1-3/32″ (2.8 cm) round x 1, 1 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) RGB IN (D-sub HD 15-pin x 1)
On-Screen Menu	8 languages (English, French, German, Spanish, Italian, Russian, Chinese, Korean)
Installation	Ceiling/desk, front/rear (menu selection)
Power Supply	100–240 V AC (auto-voltage), 50/60 Hz
Power Consumption	180 W (3 W for 120 V, 5 W for 230 V, in standby mode with fan stopped)
Weight	3.5 lbs/1.6 kg
Dimensions (W x H x D)	10-3/32″ x 2-11/32″ x 8-7/32″ (257 x 59 x 209 mm) Height including legs: 2-11/16″ (69 mm)
Operating Temperature	32°–104°F (0°–40°C)
Operating Humidity	20%–80%
Safety Regulations	UL1950, C-UL, FCC class B, EN60950/IEC60950, EN55024, EN55022 (B), EN61000-3-2, EN61000-3-3, VDE, GOST, MIC, CB, C-tick
Supplied Accessories	• Card-type remote control • Battery for remote control • Soft case • Power cord • RGB cable
Optional Accessories	ET-LAM1 Replacement lamp unit ET-PKM1 Ceiling mount bracket ET-RM200 Full-function wireless remote control

Projection Distance

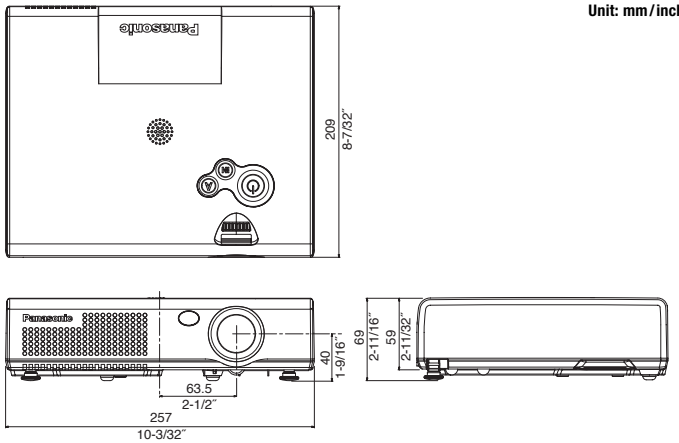


SD: Diagonal image size
SH: Height of projected image
SW: Width of Projected image
LW: Minimum projection distance
LT: Maximum projection distance
H1: Height from the edge of screen to center of lens

Diagonal image size (4:3 aspect ratio)	Distance to screen min.	Distance to screen max.	Height from the edge of screen to center of lens
33″/ 0.84 m / 2.7′	–	1.17 m / 3′10″	0.07 m / 2-3/4″
40″/ 1.01 m / 3.3′	1.19 m / 3′10″	1.43 m / 4′8″	0.09 m / 3-17/32″
50″/ 1.27 m / 4.2′	1.50 m / 4′11″	1.80 m / 5′10″	0.11 m / 4-5/16″
60″/ 1.52 m / 4.9′	1.81 m / 5′11″	2.16 m / 7′1″	0.13 m / 5-3/32″
70″/ 1.77 m / 5.8′	2.12 m / 6′11″	2.53 m / 8′3″	0.15 m / 5-7/8″
80″/ 2.03 m / 6.7′	2.43 m / 7′11″	2.90 m / 9′6″	0.17 m / 6-11/16″
90″/ 2.28 m / 7.5′	2.74 m / 8′11″	3.27 m / 10′8″	0.20 m / 7-27/32″
100″/ 2.54 m / 8.3′	3.05 m / 10′	3.63 m /11′10″	0.22 m / 8-21/32″
150″/ 3.81 m / 12.5′	4.60 m / 15′1″	5.47 m /17′11″	0.33 m /12-31/32″
200″/ 5.08 m / 16.7′	6.14 m / 20′1″	7.31 m /23′11″	0.44 m / 17-5/16″
250″/ 6.35 m / 20.8′	7.69 m / 25′2″	9.15 m / 30′	0.54 m / 21-1/4″
300″/ 7.62 m / 25.0′	9.23 m / 30′3″	10.99 m / 36′	0.65 m / 25-9/16″

Dimensions

Unit: mm/inch



Panasonic®

Please contact Panasonic or your dealer for a demonstration.

Panasonic Broadcast & Television Systems Company
Presentation Systems Group
800 528 8601
www.panasonic.com/projectors

Headquarters
1 Panasonic Way, 4E-7
Secaucus, NJ 07094
201 348 5300

Panasonic Canada Inc.
5770 Ambler Drive
Mississauga, Ontario
Canada L4W 2T3
905 624 5010

Weights and dimensions shown are approximate. Specifications are subject to change without notice. This product may be subject to export control regulations. UHM is a trademark of Matsushita Electric Industrial Co., Ltd. VGA and XGA are trademarks of International Business Machines Corporation. SVGA is a registered trademark of the Video Electronics Standards Association. All other trademarks are the property of their respective trademark owners.

PT-LM1U1-03VOV20K Printed in Japan.