Panasonic
ideas for life

PT-**LW25H** Series

LCD Projectors
PT-**LW25H**
PT-**LX30H**
PT-**LX26H**
PT-**LX26**
PT-**LX22**

Light, Bright, High-Contrast Portable Projectors

PT-**LW25H**

| 2,500 lm | 3,000 : 1 | WXGA |
| Wired LAN | Speaker | |

PT-**LX30H**

| 3,000 lm | 2,500 : 1 | XGA |
| Wired LAN | Speaker | |

PT-**LX26H**

| 2,600 lm | 2,500 : 1 | XGA |
| Wired LAN | Speaker | |

PT-**LX26**

| 2,600 lm | 500 : 1 | XGA |

PT-**LX22**

| 2,200 lm | 500 : 1 | XGA |

* Featured Image: PT-LW25H

Superb Functions in a Lightweight Body

- Up to 3,000 lm of brightness in a compact body, weighing 2.99 kg or less
- High contrast ratio up to 3,000:1 with variable iris[*1] for sharp images
- A maximum 4,000-hour[*2] lamp replacement cycle and 4,000-hour[*3] air filter replacement cycle
- Quiet 29-dB design does not interrupt meetings or classes (lamp power: Eco)
- Low standby power consumption of 0.47 W (standby mode: Eco)

Simple Setup and Easy Operation

- Real-Time Keystone Correction automatically corrects vertical image distortion
- The Auto Setup function enables Auto Input Signal Search and Guidance functions for easy projector operation
- Complete with basic terminals, two computer input (PT-LW25H/LX30H/LX26H)
- Easy remote monitoring and control over a LAN with Multi Projector Monitoring and Control Software, PJLink™(class1), web browser (PT-LW25H/LX30H/LX26H)

Convenient Functions for a Variety of Applications

- 1 W speaker enables audio playback directly from the projector (PT-LW25H/LX30H/LX26H)
- Presentation support/control tools such as Presentation Timer, Freeze Function, and Digital Zoom
- Color-board and Blackboard modes adjust the colors to provide high quality projection possible in rooms that don't have a screen
- Direct Power Off right after use
- Effective theft prevention with the startup logo
- Projector identification system for remote control allocation of up to six projectors
- Built-in closed caption decoder

*1 Variable iris: for the PT-LW25H/LX30H/LX26H only. ***2** This is the maximum value when the lamp power is set to Eco, with the lamp turned on for 2 hours and off for 0.25 hours. Increases in the lamp on cycle or extended use with the lamp continuously turned on will shorten the lamp replacement cycle. When the lamp power is set to High or Normal, the lamp replacement cycle is up to 3,000 hours. The usage environment affects the lamp replacement cycle. ***3** With the lamp power set to Eco. The usage environment affects the duration of the filter.
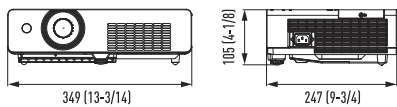
Specifications

Model	PT-LW25H	PT-LX30H	PT-LX26H	PT-LX26	PT-LX22
Power supply	100–240 V AC, 50/60 Hz				
Power consumption	297 W (0.47 W in Eco standby mode*1, 8.6 W in Network standby mode.)			297 W (0.47 W in Eco standby mode*1, 8.6 W in Serial standby mode.)	287 W (0.47 W in Eco standby mode*1, 7.1 W in Serial standby mode.)
LCD panel — Panel size	15 mm (0.59 inches) diagonal (16:10 aspect ratio)	16 mm (0.63 inches) diagonal (4:3 aspect ratio)	14 mm (0.55 inches) diagonal (4:3 aspect ratio)		
LCD panel — Display method	Transparent LCD panel (x 3, R/G/B)				
LCD panel — Pixels	1,024,000 (1,280 × 800) x 3, total of 3,072,000 pixels	786,432 (1,024 × 768) x 3, total of 2,359,296 pixels			
Lens	1.2x manual zoom, manual focus, F 2.10–2.25, f 19.11–22.94 mm				
Lamp	230 W × 1, lamp replacement cycle (lamp power: High, Normal/Eco): 3,000 hours/4,000 hours*2				
Screen size (diagonal)	0.76–7.62 m (30–300 inch)				
Brightness*3	2,500 lm (lamp power: High)	3,000 lm (lamp power: High)	2,600 lm (lamp power: High)		2,200 lm (lamp power: High)
Center-to-corner uniformity*3	85%				
Contrast*3	3,000:1 (full on/full off, lamp power: High, Iris: on)	2,500:1 (full on/full off, lamp power: High, Iris: on)		500:1 (full on/full off, lamp power: High)	
Resolution	1,280 × 800 pixels*4	1,024 × 768 pixels*5			
Scanning frequency — RGB (analog)	fH: 15–100 kHz, fv: 50–100 Hz, dot clock: 140 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.)				
Scanning frequency — YPBPR (YCBCR)	fH: 15.75 kHz, fv: 60 Hz [480i(525i)] fH: 45.00 kHz, fv: 60 Hz [720(750)/60p]	fH: 15.63 kHz, fv: 50 Hz [576i(625i)] fH: 37.50 kHz, fv: 50 Hz [720(750)/50p]	fH: 31.50 kHz, fv: 60 Hz [480p(525p)] fH: 33.75 kHz, fv: 60 Hz [1080(1125)/60i]		fH: 31.25 kHz, fv: 50 Hz [576p(625p)] fH: 28.13 kHz, fv: 50 Hz [1080(1125)/50i]
Scanning frequency — VIDEO/S-VIDEO	fH: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fH: 15.63 kHz, fv: 50 Hz [PAL/PAL-N/SECAM]				
Optical axis shift	13:1	6:1			
Keystone correction range	Vertical: ±30° (±20° when Auto Keystone)				
Installation	Ceiling/floor, front/rear				
Terminals — COMPUTER IN 1/ S-VIDEO IN	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1) (The D-Sub/S-VIDEO conversion cable ET-ADSV is required for inputting S-VIDEO signals.)				
Terminals — COMPUTER IN 2/ MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB×1), (input/output selectable using on-screen menu) (When Monitor Out is selected, the COMPUTER IN 1 signal is output.)			—	
Terminals — VIDEO IN	RCA pin × 1 (Composite VIDEO)				
Terminals — AUDIO IN	RCA pin x 2 (L-R x 1) for VIDEO input			—	
Terminals — COMPUTER AUDIO IN	M3 × 1 (L-R x 1)			—	
Terminals — SERIAL IN	D-sub 9-pin (male) × 1 for external control (RS-232C compliant)				
Terminals — LAN	RJ-45 × 1 (for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (class 1))			—	
Built-in speaker	3.2 cm round shape × 1, output power: 1 W (monaural)			—	
Noise level	37.0 dB (lamp power: High), 34.1 dB (lamp power: Normal), 29.0 dB (lamp power: Eco)				
Cabinet materials	Molded plastic				
Dimensions (W × H × D)	349 x 105 x 247 mm (13.7" x 4.1" x 9.7") (with legs at shortest position, not including protruding parts)				
Weight	Approximately 2.99 kg (6.59 lbs)			Approximately 2.90 kg (6.39 lbs)	
Operating environment	Operating temperature: 5°C–35°C (41°F–95°F), operating humidity: 20%-80% (no condensation)				
Supplied accessories	Power cord x 1*6, wireless remote control unit, batteries (AAA/R03/LR03 type × 2), VGA cable x 1, filter cover				
	Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)			Software CD-ROM (Logo Transfer Software)	

*1 When Standby mode is set to Eco, network functions such as standby on via LAN are not available. Also, only certain commands can be received for external control using the serial terminal. *2 The values given for the recommended lamp replacement cycles are maximum. The usage environment affects the lamp replacement cycle. *3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *4 Input signals that exceed this resolution will be converted to 1,280 x 800 pixels. *5 Input signals that exceed this resolution will be converted to 1,024 x 768 pixels. *6 Power cords available (x 2) for the PT-LW25HEA/LX30HEA/LX26HEA/LX26EA/LX22EA.

Dimensions
unit: mm (inch)

349 (13-3/14) 105 (4-1/8) 247 (9-3/4)

Optional accessories

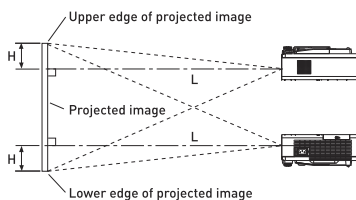| Replacement lamp unit ET-LAL100	Replacement filter unit ET-RFL100	Ceiling mount bracket for high ceilings*7 ET-PKV100H	Ceiling mount bracket for low ceilings*7 ET-PKV100S	Bracket assembly ET-PKL100B	D-Sub/S-VIDEO conversion cable ET-ADSV

*7 This product is used together with an optional bracket assembly (sold separately).

Projection distance
unit: meters (feet)

Upper edge of projected image
Projected image
Lower edge of projected image

PT-LW25H
(16:10 aspect ratio; throw ratio: 1.5–1.8:1)

Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min.(wide)	max.(tele)	
0.76 [30"]	0.9 (3.1)	1.1 (3.7)	0.03 (0.09)
1.02 [40"]	1.3 (4.1)	1.5 (5.0)	0.04 (0.13)
1.27 [50"]	1.6 (5.2)	1.9 (6.3)	0.05 (0.16)
1.52 [60"]	1.9 (6.3)	2.3 (7.5)	0.06 (0.19)
1.78 [70"]	2.2 (7.3)	2.7 (8.8)	0.07 (0.22)
2.03 [80"]	2.6 (8.4)	3.1 (10.1)	0.08 (0.25)
2.29 [90"]	2.9 (9.4)	3.5 (11.3)	0.09 (0.28)
2.54 [100"]	3.2 (10.5)	3.8 (12.6)	0.10 (0.32)
3.05 [120"]	3.8 (12.6)	4.6 (15.1)	0.12 (0.38)
3.81 [150"]	4.8 (15.8)	5.8 (18.9)	0.14 (0.47)
5.08 [200"]	6.4 (21.1)	7.7 (25.3)	0.19 (0.63)
6.35 [250"]	8.0 (26.3)	9.6 (31.6)	0.24 (0.79)
7.62 [300"]	9.6 (31.6)	11.0 (36.1)*8	0.29 (0.95)

PT-LX30H
(4:3 aspect ratio; throw ratio: 1.5–1.8:1)

Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min.(wide)	max.(tele)	
0.76 [30"]	0.9 (2.9)	1.1 (3.5)	0.07 (0.21)
1.02 [40"]	1.2 (3.9)	1.4 (4.7)	0.09 (0.29)
1.27 [50"]	1.5 (4.9)	1.8 (5.9)	0.11 (0.36)
1.52 [60"]	1.8 (5.9)	2.2 (7.1)	0.13 (0.43)
1.78 [70"]	2.1 (6.9)	2.5 (8.3)	0.15 (0.50)
2.03 [80"]	2.4 (7.9)	2.9 (9.5)	0.17 (0.57)
2.29 [90"]	2.7 (8.9)	3.3 (10.7)	0.20 (0.64)
2.54 [100"]	3.0 (9.9)	3.6 (11.9)	0.22 (0.71)
3.05 [120"]	3.6 (11.9)	4.3 (14.3)	0.26 (0.86)
3.81 [150"]	4.5 (14.8)	5.4 (17.8)	0.33 (1.07)
5.08 [200"]	6.0 (19.8)	7.3 (23.8)	0.44 (1.43)
6.35 [250"]	7.6 (24.8)	9.1 (29.8)	0.54 (1.79)
7.62 [300"]	9.1 (29.7)	10.9 (35.7)	0.65 (2.14)

PT-LX26H/LX26/LX22
(4:3 aspect ratio; throw ratio: 1.7–2.0:1)

Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min.(wide)	max.(tele)	
0.76 [30"]	1.0 (3.3)	1.2 (4.0)	0.07 (0.21)
1.02 [40"]	1.4 (4.5)	1.6 (5.4)	0.09 (0.29)
1.27 [50"]	1.7 (5.6)	2.0 (6.7)	0.11 (0.36)
1.52 [60"]	2.0 (6.7)	2.5 (8.1)	0.13 (0.43)
1.78 [70"]	2.4 (7.8)	2.9 (9.4)	0.15 (0.50)
2.03 [80"]	2.7 (9.0)	3.3 (10.8)	0.17 (0.57)
2.29 [90"]	3.1 (10.1)	3.7 (12.1)	0.20 (0.64)
2.54 [100"]	3.4 (11.2)	4.1 (13.5)	0.22 (0.71)
3.05 [120"]	4.1 (13.5)	4.9 (16.2)	0.26 (0.86)
3.81 [150"]	5.2 (16.9)	6.2 (20.3)	0.33 (1.07)
5.08 [200"]	6.9 (22.6)	8.3 (27.1)	0.44 (1.43)
6.35 [250"]	8.6 (28.2)	10.3 (33.9)	0.54 (1.79)
7.62 [300"]	10.3 (33.9)	11.0 (36.1)*8	0.65 (2.14)

*8 There is no guarantee of the lens performance when the projection distance exceeds 11.0 m (36.1 feet).

Caution

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

NOTE ON USE

1 The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.
2 The high-wattage lamp becomes very hot during operation. Please observe the following precautions:
  • Never place objects on top of the projector while it is in operation.
  • Make sure there is an unobstructed space of 1,000 mm (39-3/8 in) or more around the projector's exhaust openings.
  • If stacking projector units, care must be taken to provide the recommended space between units. These space requirements also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

  • If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the operating temperature listed in the specifications table during use. Also, make sure the projector's intake and exhaust openings are not blocked. Ensure there is sufficient ventilation to prevent hot air from the exhaust openings being recirculated into the intake opening.
3 The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
  • The lamp replacement cycle varies greatly depending on individual lamp characteristics and usage conditions.
  • The brightness of the lamp will gradually decrease with use.
4 Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

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All information included here is valid as of November 2011.

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