



## Portable LCD Projectors

PT-LB400 / PT-LB300 / PT-LB250

**Designed for education and corporate environments. LCD, 3 100 lumens, XGA projector.**

### **PT-LB303**

Bright, compact and easy to use projector with low TCO. Designed for education and corporate environments. 28dB quiet operation, long lamp replacement cycle.

#### **Key Features**

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LCD, 3100 lumens, XGA

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Lamp and filter replacement cycle of up to 10 000 hours (Reduced TCO)

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Quiet 28 dB operation for distraction-free projection

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16 000:1 contrast ratio



## PT-LB303

<https://eu.connect.panasonic.com/fi/en/products/projectors/pt-lb303>

<b>Power Supply</b>	AC100-240 V 50 Hz/60 Hz
<b>Power Consumption</b>	300 W
	6W when Standby mode set to Normal,
	0.5W when Standby mode set to Eco
<b>LCD Panel   Panel Size</b>	16.0 mm (0.63 inches) diagonal (4:3 aspect ratio)
<b>LCD Panel   Display Method</b>	Transparent LCD panel (x 3, R/G/B)
<b>LCD Panel   Drive Method</b>	Active matrix method
<b>LCD Panel   Pixels</b>	786,432 (1,024 x 768) x 3, total of 2,359,296 pixels
<b>LCD Panel   Pixel Configuration</b>	Stripe
<b>Lens</b>	Manual zoom (1.2x), manual focus F 2.1- 2.25, f 19.11- 22.94 mm
<b>Throw Ratio</b>	1.47- 1.77:1
<b>Lamp</b>	230 W UHM lamp
<b>Screen Size</b>	0.76 - 7.62 m (30-300 inches) diagonally, 4:3 aspect ratio
<b>Colors</b>	Full color (16,777,216 colors)
<b>Brightness*1</b>	3,100 lumens (lamp power: normal)
<b>Center-to-Corner Uniformity*1</b>	80%
<b>Contrast*1</b>	16,000:1 (full on/full off, Iris ON)
<b>Resolution</b>	1,024 x 768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)
<b>Optical Axis Shift</b>	6:1 (fixed)
<b>Keystone Correction Range</b>	Vertical: ±30°
	Ceiling/floor, front
<b>Installation</b>	Ceiling/floor, front/rear (menu selection)
<b>Built-in Speaker   Output Power</b>	2 W (monaural)
<b>Terminals   HDMI In</b>	HDMI 19-pin x 1, HDCP and Deep color compatible
	480i (525i)*2, 576i (625i)*2, 480p (525p), 576p (625p), 720 (750)/60p,
	720 (750)/50p, 1080 (1125)/60i, 1080 (1125)/50i, 1080 (1125)/25p,
	1080 (1125)/24p, 1080 (1125)/24sF, 1080 (1125)/30p, 1080 (1125)/60p,
	1080 (1125)/50p,
	VGA (640 x 480) - WUXGA*3 (1,920 x 1,200),
	Audio signal: linear PCM
	(sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
<b>Terminals   Computer (RGB) 1 In</b>	D-sub HD 15-pin (female) x 1
<b>Terminals   Computer (RGB) 1 In   R, G, B</b>	R, G, B: 0.7 Vp-p, 75 ohms;
	HD/VD, SYNC: high impedance, TTL (positive/negative automatic)
<b>Terminals   Computer (RGB) 1 In   Y, PB (CB), PR (CR)</b>	Y: 1.0 Vp-p (including sync signal), 75 ohms
	PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
<b>Terminals   Computer (RGB) 1 In   S-Video</b>	Y: 1.0 Vp-p; C: 0.286 Vp-p, 75 ohms
	NOTE: D-Sub -S video conversion cable (ET-ADSV) is required.
<b>Terminals   Monitor Out</b>	D-sub HD 15-pin (female) x 1
<b>Terminals   Video In</b>	Pin jack x 1, 1.0 Vp-p, 75 ohms
<b>Terminals   Audio In 1</b>	M3 (L, R) x 1, 0.5 Vrms
<b>Terminals   Audio In 2</b>	Pin jack x 2 (L, R x 1), 0.5 Vrms
<b>Terminals   Audio Out</b>	M3 (L, R) x 1 (monitor out: 0- 2.0 Vrms, variable)
<b>Terminals   Serial In</b>	D-sub 9-pin (female) x 1, for external control (RS-232C compliant)
<b>Power Cord Length</b>	1.8 m (5 ft 11 in)
<b>Cabinet Materials</b>	Molded plastic
<b>Dimensions (W x H x D)</b>	335 x 96*4 x 252 mm
	(13-3/16 x 3-25/32*4 x 9-29/32 inches)
<b>Weight*5</b>	Approx. 2.8 kg (6.2 lbs)
<b>Operation Noise*3</b>	37 dB (Lamp power: Normal), 33 dB (Lamp power: Eco1)
	28 dB (Lamp power: Eco2)
<b>Operating Temperature</b>	5°C-40°C (41°F-104°F)
	[at less than 1,400 m (4,593 ft.);[High land]:[off]
	5°C-35°C (41°F-95°F)
	[at 1,400 m to 2,700 m (4,593 ft. to 8,858 ft.);[High land]:[on 1 ]
	5°C-30°C (41°F-86°F)
	[at 2,700 m to 3,000 m (8,858 ft. to 9,843 ft.);[High land]:[on 2 ]

<b>Operating Humidity</b>	20%-80% (no condensation)
<b>Storage Temperature</b>	-20°C-60°C
<b>Storage Humidity</b>	10%-80%
<b>Note</b>	<p>*1 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.</p> <p>*2 Only compatible with dot clock frequency of 27MHz (pixel repetition signal)</p> <p>*3 WUXGA resolution is supported only when the signals are compliant with VESA CVT-RB (Coordinated Video Timing-Reduced Blanking).</p> <p>*4 With legs at shortest position.</p> <p>*5 Average value. May differ depending on models.</p> <p>*6 Operation range differs depending on environments.</p>
<b>Brightness</b>	3100 lumens
<b>Technology</b>	LCD,