



## 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/hu/en/products/projectors/pt-lb303>

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|--|---|
| <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 ]                                     |

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|----------------------------|--|
| <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,   |