

# Panasonic



**Portable LCD Projectors Deliver Efficient, Long-Life  
High-Contrast Projection for Offices & Classrooms**

## **PT-LAW44**

### **Key Features**

---

Low-Maintenance Design for Long-Term Use

---

Flexible Installation with Stable Image Adjustment

---

Flexible Connectivity for System Integration

<b>Projector type</b>	LCD projectors
<b>Display method</b>	Transparent LCD panel (x 3, R/G/B)
<b>Display Device -&gt; Panel size</b>	16.0 mm (0.64 in) diagonal(16:10 aspect ratio)
<b>Display Device -&gt; Number of pixels</b>	1,024,000 (1280 x 800) x 3, total of 3,072,000 pixels
<b>Light output *2</b>	4,300 lm
<b>Lamp</b>	240 W x 1 lamp
<b>Lamp replacement cycle -&gt; NORMAL *1</b>	10,000 hours
<b>Lamp replacement cycle -&gt; ECO *1</b>	20,000 hours
<b>Resolution</b>	WXGA (1280 x 800 pixels) (Input signal that exceed this resolution will be converted to 1280 x 800 pixels)
<b>Contrast Ratio (typ.) *2</b>	15,000:1 (Iris: On)
<b>Screen size (diagonal)</b>	0.76 – 7.62 m (30–300 in), 16:10 aspect ratio
<b>Center to Corner Uniformity *2</b>	80%
<b>Lens</b>	Manual zoom (1.2x), manual focus lens, F = 1.6 – 1.76, f = 19.1 – 23.0 mm
<b>Lens shift -&gt; Vertical (from center of screen)</b>	–
<b>Lens shift -&gt; Horizontal (from center of screen)</b>	–
<b>Keystone correction range</b>	Vertical: ±30 ° (Manual), Horizontal: ±30 ° (Manual)
<b>Installation</b>	Ceiling/floor, front/rear
<b>Terminals -&gt; HDMI™ IN</b>	HDMI 19P x 1, HDCP compatible, Deep Color compatible, Audio Signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
<b>Terminals -&gt; COMPUTER IN (D-SUB 15pin)</b>	D-sub HD 15-pin (female) x 1 [RGB]
<b>Terminals -&gt; AUDIO IN (M3 Stereo Mini Jack)</b>	M3 (L,R) x 1
<b>Terminals -&gt; AUDIO OUT (M3 Stereo Mini Jack)</b>	M3 (L,R) x 1 (Variable)
<b>Terminals -&gt; SERIAL IN</b>	D-sub 9P (female) x 1 for external control (RS-232C compatible)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink™ (Class 1) compatible
<b>Terminals -&gt; USB TYPE A</b>	USB Type A [DC 5 V, MAX. 1A]
<b>Power supply</b>	AC 100 V–240 V, 50/60 Hz
<b>Maximum power consumption</b>	335 W 235W [ECO]
<b>Built-in speaker</b>	5 W monaural
<b>Cabinet materials</b>	Molded plastic (PC)
<b>Filter</b>	Yes
<b>Estimated filter maintenance cycle *3</b>	5,000 hours [NORMAL] 10,000 hours [ECO]
<b>Operation noise -&gt; Normal *2</b>	39 dB [NORMAL]
<b>Operation noise -&gt; Eco *2</b>	35 dB [ECO]
<b>Dimensions (W x H x D)</b>	345 x 99* x 261 mm (13 9/16" x 3 7/8" x 10 1/4") (*with legs at shortest position)
<b>Weight *4</b>	Approx. 3.1 kg (6.8 lbs)
<b>Operating environment -&gt; Operating temperature</b>	Normal use: 5–40 °C (41–104 °F) [at altitudes less than 1,400 m (4,593 ft)], 5–35 °C (41–95 °F) [at altitudes of 1,400–2,700 m (4,593–8,858 ft)]
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	20 – 80 %

#### Footnote Description

- Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50%. Usage environment affects lamp replacement cycle.
- Measurement, measuring conditions, and method of notation all comply with ISO21118:2020 international standards
- Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times.
- Average value. May differ depending on the actual unit.