### Main Features

**01 | Detailed Images Rich in Natural Color**

Rich Color Harmonizer achieves vibrant color reproduction while Smooth Pixel Drive 1-axis pixel-wobbling expresses fine detail beyond the panel resolution.

**02 | Seamless Integration**

Supports 4K playback*1, optional SLOT NX interface boards, and Smart Projector Control app*2 with NFC function*3 for settings access on standby and auto-focus via smartphone camera*4.

**03 | Excellent 24/7 Reliability**

Dual-drive SOLID SHINE Laser has a refined cooling system that contributes to 20,000 hours*5 of maintenance-free operation.

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**PT-RCQ10 Series**

<table>
<thead>
<tr>
<th>Light Output</th>
<th>PT-RCQ10</th>
<th>PT-RCQ10L</th>
<th>PT-RCQ80</th>
<th>PT-RCQ80L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handling</td>
<td>10,000 lm*6 / 10,500 lm (Center)*7</td>
<td>8,000 lm*6 / 8,400 lm (Center)*7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>4,608,000 pixels / 2715 x 1697 dots (With Smooth Pixel Drive: ON)</td>
<td>With supplied lens</td>
<td>Without lens</td>
<td>With supplied lens</td>
</tr>
<tr>
<td>Lens</td>
<td>With supplied lens</td>
<td>Without lens</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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*1 With Smooth Pixel Drive: ON. 4K signals are resized to 2715 x 1697 pixels upon projection. *2 Check device and OS compatibility at the App Store or the Google Play store. For more information, please visit https://panasonic.net/cns/projector/download/application/smartpj/. *3 Projectors sold in some countries or regions require an ET-NUK10 Upgrade Kit available from PASS to activate NFC function. See NFC Regional Compatibility List at https://panasonic.net/cns/projector/products/smarty/projector/html/ for details. *4 Some devices do not support projector autofocus function. *5 At this time, light output will have decreased by approximately 50%. IEC62087: 2008 Broadcast Contents, NORMAL Mode, Dynamic Contrast set to [0], temperature 30 °C (86 °F), elevation 700 m (2,297 ft) with 0.15 mg/m 3 of particulate matter. Value will vary depending on environment and usage conditions. Parts other than the light source may require replacement in a shorter period. Panasonic recommends checking at point of purchase after about 30,000 hours. *6 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is an average of all products when shipped. *7 Average light output value of all shipped products measured at center of screen in NORMAL Mode.
Rich Color Harmonizer

Rich Color Harmonizer features a new color-filter design and original image processing technology to achieve deeper, brighter reds. Accurate white-balance contributes to vibrant colors and natural skin-tone reproduction.

Smart Projector Control App

Smart Projector Control app* with NFC Function + lets you perform certain setting adjustments with the projector off, and supports projector auto-focus via smartphone camera**.

Smooth Pixel Drive

One-axis wobbling creates crisp yet smooth images beyond the panel resolution. It’s enhanced by an original image processing engine that smooths jaggies, sharpens text, and clarifies details for immersive viewing.

Optional Lens Family

Eleven interchangeable lenses include a new stackable zero-offset ET-DLE200 Ultra-Short-Throw Zoom Lens fronting wide-range image adjustment ideal for front- or rear-projection in the tightest spaces.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>With supplied lens</th>
<th>PT-RCQ10</th>
<th>PT-RCQ80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projector type</td>
<td>1-Chip DLP® - projector</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>DLP® chip</td>
<td>ET-DLE010 (0.97:1) (diagonal, 16:10 aspect ratio)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Light source</td>
<td>Laser diodes</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Light output</td>
<td>3,000 lumens (at 0.2 lux)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Keystone correction range</td>
<td>Vertical: ±45° (±16° with ET-DLE060, ±40° with ET-DLE150/ET-DLE250/ET-DLE170, ±22° with ET-DLE105/ET-DLE085/ET-DLE055)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Lens shift</td>
<td>Vertical (from center of screen)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Resolution</td>
<td>ET-DLE200 (2.27-3.62:1) / ET-DLE350 (3.58-5.45:1) / ET-DLE085 (0.782-0.977:1) / ET-DLE105 (0.978-1.32:1) / ET-DLE020 (0.280-0.299:1) / ET-DLE060 (0.600-0.801:1)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Laser diodes</td>
<td>ET-DLE350: 498 x 200* 6 x 581 mm (19 19/32˝ x 7 7/8˝ *6 x 22 7/8˝ ) (with supplied lens)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Power consumption</td>
<td>1,100 W</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Power supply</td>
<td>AC 100-240 V, 50/60 Hz</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>498 x 200* 6 x 581 mm (19 19/32˝ x 7 7/8˝ *6 x 22 7/8˝ ) (with supplied lens)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Weight**</td>
<td>PT-RCQ10: Approx. 24.2 kg (53.4 lbs)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Operation noise*1</td>
<td>90 dB (Normal)/86 dB (Quiet 1)/82 dB (Quiet 2)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Vertical (from center of screen)</td>
<td>PT-RCQ10: 498 x 200* 6 x 581 mm (19 19/32˝ x 7 7/8˝ *6 x 22 7/8˝ ) (with supplied lens)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
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<td>Power supply</td>
<td>AC 100-240 V, 50/60 Hz</td>
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<td>PT-RCQ80</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>498 x 200* 6 x 581 mm (19 19/32˝ x 7 7/8˝ *6 x 22 7/8˝ ) (with supplied lens)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
<tr>
<td>Weight**</td>
<td>PT-RCQ80L: Approx. 23.4 kg (51.6 lbs) (without lens)</td>
<td>PT-RCQ10</td>
<td>PT-RCQ80</td>
</tr>
</tbody>
</table>

Optional Accessories

• Fixed-Focus Lens
  - ET-DLE030 (0.380:1) / ET-DLE050 (0.781:1)
• Zoom Lens
  - ET-DLE060 (0.290:1) / ET-DLE080 (0.600:1-0.801:1) / ET-DLE200 (0.978:1-0.997:1) / ET-DLE150 (3.0:1-3.1:1) / ET-DLE170 (1.7-2:1) / ET-DLE020 (2.7-3:1) / ET-DLE060 (5.6:1-5.8:1)/ ET-DLE020 (5.8:1-5.8:1)
  * Europe only: ET-DL170 is a ceiling model.
  ** For 1-Chip DLP® models.
• Ceiling Mount Bracket
  - ET-PKCS30H (4-axle, for high ceiling)
  - ET-PKCS30H (for low ceiling)
  * Note: ET-PKCS20D/ET-PKCS30D used in combination with ET-PKCS10M (sold separately).
• Projector Mount Bracket
  - ET-PKCS30B
• Interface Board for 12G-SDI Input
  - ET-MN3010
• Interface Board for HDMI® (HDCP 2.2) Input
  - ET-MN3010
• Interface Board for DVI Input
  - ET-MN3010
• Interface Board for DisplayPort™
  - ET-MN3010
• Wireless Module
  - AJ-WM50S Series
  * Note: Product availability may vary by country or region.
  ** The suffix of the model number is indicated. The suffix is ET-MN3010/ET-MN3010.
  *** Operating Temperature: 0–40 °C (32–104 °F)
• DIGITAL LINK Switcher
  - ET-YBS20G
  * Note: ET-YBS20G is not compatible with 4K signals.
• Digital Interface Box
  - ET-YBD10G
  * Note: ET-YBD10G is not compatible with 4K signals.
• Geometry Manager Pro Software Upgrade Kit
  - ET-JK01
• Auto Screen Adjustment Upgrade Kit
  - ET-JK01/ET-UK20

For more information about Panasonic projectors, please visit: Projector Global Website – https://panasonic.net/cns/projector/
Facebook – www.facebook.com/panasonicprojectoranddisplay
YouTube – www.youtube.com/user/panasonicprojector

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