

Panasonic PT-DX 820

Power Supply 120 V AC, 7.5 A, 50/60 Hz, 220 - 240 V AC, 4.3 A, 50/60 Hz

Power Consumption (120 V AC) TBD (0.3 W with standby mode set to ECO*, 3 W with standby mode set to Normal); (220-240 V AC) TBD (0.3 W with standby mode set to ECO*, 3 W with standby mode set to Normal)

Pixels 786,432 (1,024 x 768) x 1, total of 786,432 pixels

Lens Powered zoom (throw ratio 1.8-2.5:1), powered focus, F 1.7-1.9, f25.6-35.7mm

Lamp 310 W UHM lamp x2

Screen Size (diagonal) 1.27-15.24 m (50 - 600 inches); 4:3 aspect ratio

Brightness** 8,200 lm (dual lamp, Lamp mode: Normal)

Centre-to-corner Uniformity** 90%

Contrast** TBD

Resolution 1,024 x 768 pixels (input signals that exceed this resolution will be converted to 1,024 x 768 pixels)

Scanning Frequency SDI 3G-SDI SMPTE ST 424 compliant,
[RGB 4:4:4 12-bit/10-bit]

1125(1080)/60i,

1125(1080)/50i,

1125(1080)/25p,

1125(1080)/24p,

1125(1080)24sF,

1125(1080)/30p,

[YPBPR 4:2:2 10-bit]

1125(1080)/60p,

1125(1080)/50p

HD-SDI SMPTE ST 292 compliant,

[YPBPR 4:2:2 10-bit]

750(720)/60p,

750(720)/50p,

1125(1035)/60i,

1125(1080)60i,

1125(1080)50i,

1125(1080)25p,

1125(1080)24p,

1125(1080)24sF,

1125(1080)/30p

SD-SDI SMPTE ST 259 compliant

[YCBCR 4:2:2 10-bit]

525i(480i), 625i(576i)

HDMI/DVI-D/DIGITAL LINK Compatible with HDCP, 480i (525i),***,

576i (625i),***,

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***** (1920 x 1200) (compatible with non-interlaced signals only), dot
 clock: 25-162 MHz
 RGB fH: 15-100 kHz, fV: 24-120 Hz, dot clock: 20-162 MHz
 YPBPR (YCBCR) fH: 15.75 kHz, fV: 60 Hz [480i (525i)]
 fH: 15.63 kHz, fV: 50 Hz [576i (625i)]
 fH: 45.00 kHz, fV: 60 Hz [720 (750)/60p]
 fH: 33.75 kHz, fV: 60 Hz [1035 (1125)/60i]
 fH: 28.13 kHz, fV: 50 Hz [1080 (1125)/50i]
 fH: 27.00 kHz, fV: 24 Hz [1080 (1125)/24p]
 fH: 33.75 kHz, fV: 30 Hz [1080 (1125)/30p]
 fH: 56.25 kHz, fV: 50 Hz [1080 (1125)/50p]
 fH: 31.50 kHz, fV: 60 Hz [480p (525p)]
 fH: 31.25 kHz, fV: 50 Hz [576p (625p)]
 fH: 37.50 kHz, fV: 50 Hz [720 (750)/50p]
 fH: 33.75 kHz, fV: 60 Hz [1080 (1125)/60i]
 fH: 28.13 kHz, fV: 25 Hz [1080 (1125)/25p]
 fH: 27.00 kHz, fV: 48 Hz [1080 (1125)/24sF]
 fH: 67.50 kHz, fV: 60 Hz [1080 (1125)/60p]
 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 Vertical plus 50%, minus 13% from centre of screen (powered)
 Horizontal plus 30%, minus 10% (plus 28%, minus 10% with the ET-DLE085) from centre of
 screen (powered)
 Keystone Correction Range Vertical $\pm 40^\circ$
 Horizontal $\pm 15^\circ$
 Installation Ceiling/floor, front/rear
 Terminals SDI IN BNC x 1 (3G/HD/SD-SDI)
 HDMI IN HDMI 19-pin x 1 (Deep Color, compatible with HDCP)
 DVI-D IN DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single
 link only)
 RGB 1 IN BNC x 5 (RGB/YPBPR/YCBCR x 1)
 RGB 2 IN D-Sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR x 1)
 VIDEO IN BNC x 1 (composite video)
 S-VIDEO IN Mini DIN 4-pin x 1 (S-Video)
 SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
 SERIAL OUT D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
 REMOTE 1 IN M3 x 1 for wired remote control
 REMOTE 1 OUT M3 x 1 for link control (for wired remote control)
 REMOTE 2 IN D-sub 9-pin (female) x 1 for external control (parallel)
 LAN/DIGITAL LINK RJ-45 x 1 (for network and DIGITAL LINK (video/network/serial
 control) connection, 100Base-TX, compatible with Art-Net, compliant with PLink™, Deep Color,

compatible with HDCP)

Noise Level 30 dB (dual lamp operation, LAMP MODE: NORMAL), 28 dB (dual lamp operation, LAMP MODE: ECO)

Cabinet Materials Molded plastic

Dimensions (W x H x D) 498 x 175***** x 521 mm (19-19/32" x 6-7/8"*****x 20-1/2")
(with supplied lens)

Weight :Approx. 17.6 kg (with supplied lens)

Operating Temperature***** 0-45° C

Operating Humidity 20% - 80% (no condensation)

Supplied Accessories Power cord with secure lock; Wireless/wired remote control unit; Batteries;

Software CD-ROM (Logo Transfer Software, Multi-Projector Monitoring & Control Software)