

Product Spec Sheet from Rentex

Panasonic PT-RZ770 1-Chip DLP Laser Projector



Mfr Part No. PT-RZ770
Rentex Product No. 7100

Features

- 1-Chip DLP™ Imaging and SOLID SHINE Laser Technology Deliver Superior White-balance and Color Accuracy
- Dynamic Light Control for 10,000:1 Contrast
- Detail Clarity Processor 3 Improves Image Clarity, Detail, and Depth
- Dual-Drive Laser Optical Engine Ensures Reliable 24/7 Operation with Light-source Failover Protection Circuitry
- System Daylight View 3 Ensures Crisp Images for Projection Mapping and Brightly Lit Indoor Environments
- Filterless Dust-Resistant Optical Drive

Detailed Specifications

Brightness	7,200 lm (Center) / 7,000 lm	Scanning Frequency	SD-SDI: SMPTE ST 259 compliant, [YCBCR 4:2:2 10-bit] 480i (525i), 576i (625i) HD-SDI: SMPTE ST 292 compliant, [YPBPR 4:2:2 10-bit] 720 (750)/60p, 720 (750)/50p, 1080 (1125)/60i, 1080 (1125)/50i, 1080 (1125)/25p, 1080 (1125)/24p, 1080 (1125)/24sF, 1080 (1125)/30p 3G-SDI: SMPTE ST 424 compliant, [RGB 4:4:4 12-bit/10-bit] 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, [YPBPR 4:2:2 10-bit] 1080(1125)/60p, 1080(1125)/50p HDMI/DVI-D/DIGITAL LINK: 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 (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: 5.63 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/YC: fH: 15.75 kHz, fV: 60 Hz (NTSC/NTSC4.43/PAL-M/PAL60), fH: 15.63 kHz, fV: 50 Hz (PAL/PAL-N/SECAM)
Uniformity	90% (center-to-corner)		
Resolution	1920 x 1200 pixels		
Contrast	10,000:1 (Full On/Full Off, Dynamic Contrast Mode: ON)		
DLP Chip Panel Size	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)		
Display Method	DLP™ chip x 1, DLP™ projection system		
Pixels	2,304,000 (1920 x 1200) pixels		
Lens	Powered zoom (throw ratio 1.7–2.4:1), powered focus F 1.7–1.9, f 25.6–35.7 mm		
Optical Axis Shift	Vertical: +50 %, -16 % (powered) Horizontal: +30 %, -10 % (+28 %, -10 % with ET-DLE085) (powered)		
Keystone Correction Range	Vertical: ±40 ° (±22 ° with ET-DLE085/DLE055, +5 ° with ET-DLE030), horizontal: ±15 ° (Cannot be operated with ET-DLE030)		
Installation	Ceiling/floor, front/rear, free 360-degree installation		
Terminals	SDI IN BNC x 1: 3G/HD/SD-SDI input 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 RGB x 1 (BNC x 5): RGB/YPBPR/YCBCR/YC/VIDEO RGB 2 IN D-sub HD 15-pin (female) x 1: RGB/YPBPR/YCBCR 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 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, DIGITAL LINK connection, 100Base-TX, compatible with Art-Net, PJLink		
Power Supply	AC 100–240 V, 50/60 Hz		
Dimensions (WxHxD)	498 x 200 x 538 mm (w/legs @ shortest position) (19 19/32" x 7 7/8" x 21 3/16") (without lens)		
Weight	Approx. 22.4 kg (49.4 lbs.) (without lens)		

*2 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal). *3 WUXGA resolution is supported only when the signals are compliant with VESA CVT-RB (Coordinated Video Timing-Reduced Blanking). *4 Optical axis shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE030.