



**3DLP - 16000 lumens - Full HD - 4Lamps -
Exchangeable lens - 3D /HD-SDI / High Frame Rate
120Hz processing / Digital Link/ 10000:1**

PT-DZ16K2

Compact 20000 lumens-class Projector Flagship model delivering spellbinding picture quality for events and staging

Key Features

3-chip DLP, 16000 lumens, FULL HD

120Hz high frame rate for superb and sharp motion pictures

Compact design, light weight and low noise level (as low as 46db)

Quad-lamp redundancy for failsafe operation

Fully featured for single or multi-mapping installations



PT-DZ16K2

<https://eu.connect.panasonic.com/fr/en/products/projectors/pt-dz16k2>

Lamp	432 W UHM lamps (x 4) (four lamp system)
Brightness	16,000 lumens (four lamp)
Resolution	1,920 x 1,080 pixels (Input signals that exceed this resolution will be converted to 1,920 x 1,080 pixels.)
Power Supply	200 - 240 V AC, 12 A, 50/60 Hz (3-wire single-phase)
Power Consumption	2,060 W (2,100 VA) (0.3 W with STANDBY MODE set to ECO. 9 W with STANDBY MODE set to NORMAL), max. 7,031 BTU (without light output: 6,758 BTU)
DLP™ Chip Panel Size	24.1 mm (0.95 inches) diagonal (16:9 aspect ratio)
DLP™ Chip Display Method	DLP™ chip x 3 (R, G, B), DLP™ projection system
DLP™ Chip Pixels	2,073,600 (1,920 x 1,080) x 3, total of 6,220,800 pixels
Lens	Optional powered zoom/focus lenses
Screen Size	1.78-25.4 m (70-1,000 inches) (1.78-15.24 m (70-600 inches) with the ET-D75LE8 tele), (1.78-7.62 m (70 - 300 inches) with the ET-D75LE5, 16:9 aspect ratio
Center-to-Corner Uniformity	90%
Contrast	10,000:1 (full on/full off, in dynamic iris 3 mode)
Scanning Frequency SDI	3G-SDI signal (YPBPR 4:2:2 10-bit): SMPTE ST 424 compliant: 1080/50p, 1080/60p, (RGB4:4:4 12bit/10bit): SMPTE ST 424 compliant: 1080/50i, 1080/60i, 1080/25p, 1080/24p 1080/24sF, 1080/30p Single-link HD-SDI signal (YPBPR 4:2:2 10-bit): SMPTE ST 292 compliant: 720/50p, 720/60p, 1035/60i, 1080/50i, 1080/60i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p SD-SDI signal (YCBCR 4:2:2 10-bit): SMPTE ST 259 compliant: 480i, 576i
Scanning Frequency HDMI/DVI-D/DIGITAL LINK/RGB	Horizontal: 15-100 kHz, vertical: 24-120 Hz, dot clock: 162MHz or less HDMI/DVI-D : 25 MHz-162MHz)
Scanning Frequency YPBPR (YCBCR)	480i (525i): fH 15.73 kHz; fV 59.94 Hz, 576i (625i): fH 15.63 kHz; fV 50 Hz, 480p (525p): fH 31.47 kHz; fV 59.94 Hz, 576p (625p): fH 31.25 kHz; fV 50 Hz, 720 (750)/60p: fH 45.00 kHz; fV 60 Hz, 720 (750)/50p: fH 37.50 kHz; fV 50 Hz, 1035/60i: fH 33.75 kHz; fV 60 Hz, 1080 (1125)/60i: fH 33.75 kHz; fV 60 Hz, 1080 (1125)/50i: fH 28.13 kHz; fV 50 Hz, 1080/25p: fH 28.13 kHz; fV 25 Hz, 1080/24p: fH 27.00 kHz; fV 24 Hz, 1080/24sF: fH 27.00 kHz; fV 48 Hz, 1080/30p: fH 33.75 kHz; fV 30 Hz, 1080/60p: fH 67.50 kHz; fV 60 Hz, 1080/50p: fH 56.25 kHz; fV 50 Hz
Scanning Frequency Video/Y/C	fH: 15.73 kHz, fV: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60] fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]
Optical Axis Shift Vertical	±60% (±50% with the ET-D75LE6, +75-+88% with the ET-D75LE90) from center of screen, powered
Optical Axis Shift Horizontal	±20% (±15% with the ET-D75LE6, -12-+14% with the ET-D75LE90) from center of screen, powered
	NOTE: Optical axis shift function cannot be operated when used with the ET-D75LE50.

Keystone Correction Range	Vertical : $\pm 40^\circ$ ($\pm 22^\circ$ with the ET-D75LE50, $\pm 28^\circ$ with the ET-D75LE6, $+5^\circ$ with the ET-D75LE90), horizontal: $\pm 15^\circ$
Installation	Ceiling/ · or, front/rear
Terminals SDI In	BNC x 1, 3G-SDI signal: SMPTE ST 424 compliant Dual-link HD-SDI signal: SMPTE ST 292 compliant SD-SDI signal: SMPTE ST 259 compliant
Terminals HDMI In	HDMI 19-pin x 1, Deep Color, compatible with HDCP
Terminals DVI-D In	DVI-D 24-pin x 1, DVI 1.0 compliant, HDCP compatible, for single link only
Terminals DIGITAL LINK/LAN	RJ-45 Network connection / digital link connection (video/network/serial control) compliant with PLink, 100base-tx, Art-Net compatible Deep Color, compatible with HDCP
Terminals RGB 1 In	BNC x 5
Terminals RGB 1 In R, G, B	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
Terminals RGB 1 In Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals RGB 1 In S-Video Signal	Y: 1.0 Vp-p, C: 0.286 Vp-p, 75 ohms
Terminals RGB 2 In	D-sub HD 15-pin (female) x 1
Terminals RGB 2 In R, G, B	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
Terminals RGB 2 In Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals Serial Out	D-sub 9-pin (male) x 1 for link control
Terminals Remoter 1 In	M3 jack x 1 for wired remote control
Terminals Remoter 1 Out	M3 jack x 1 for link control
Terminals Remoter 2 In	D-sub 9-pin (female) x 1 for external control (parallel)
Power Cord Length	3.0 m (9 ft 10 in)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	620 x 291 x 800 mm (24-7/16 x 11-15/32 x 31-1/2 inches) (without lens)
Weight	Approx. 41 kg (90.4 lbs) (without lens)
Operating Noise	46 dB (quad lamp operation)
Operating Temperature	0°- 45°C (32°- 113°F)
Operating Humidity	10%-80% (no condensation)
Technology	3-chip DLP