



Ideal for use in education and corporate environments. 3-LCD Laser, 8 000 lumens, WUXGA projector.

PT-MZ770

Flexible and cost-efficient Solid Shine laser projector Designed for single-screen projection and equipped with advanced collaboration technologies for education and corporate use

Key Features

Laser LCD, 8 000 lumens, WUXGA

Compact and lightweight body, designed with ultra-low noise operation

Exchangeable lenses (compatible with PT-EZ770 series lenses) for flexible installation in any meeting- or classroom

Packed with a wide range of collaboration technologies such as 5 Ghz wireless projection from multiple devices, secure streaming & networking, PC-less presentation, audio loop-through and others

Long lasting laser light source and low-maintenance design provide high brightness and superb image quality





PT-MZ770

<https://eu.connect.panasonic.com/it/en/products/projectors/pt-mz770>

Brightness	8 000 lumens
Technology	Laser LCD
LCD panel Panel size (mm)	19.3 mm diagonal (16:10 aspect ratio)
LCD panel Panel size (inch)	0.76 inch diagonal (16:10 aspect ratio)
LCD Panel Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel Drive Method	Active matrix
LCD Panel Pixels	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
Lens	PT-MZ770/MW730: Powered zoom (throw ratio 1.6-2.8 :1), F = 1.7-2.3, f = 26.8-45.5 mm PT-MZ770L/MW730L: Optional powered zoom/focus lenses
Light Source	Laser diode (Class 1) (Class 3R for US models)
Screen size (diagonal) (mm)	1.02-10.16 m, 16:10 aspect ratio 1.52-10.16 m with the ET-ELW22, 16:10 aspect ratio
Screen size (diagonal) (inch)	40-400 in, 16:10 aspect ratio 60-400 in with the ET-ELW22, 16:10 aspect ratio
Brightness*1	8 000 lm
Center-to-Corner Uniformity*1	90 %
Contrast	3,000,000:1 (Dynamic Mode/Dynamic Contrast 1/2)
Resolution	1920 x 1200 pixels
Optical axis shift Vertical (from center of screen)	±67 % (powered) (for supplied lens [ELS20]/ELW20/ELT20/ELT21, ELW22; max. ±60 %, ELW21; cannot use optical axis shift function)
Optical axis shift Horizontal (from center of screen)	±35 % (powered) (for supplied lens [ELS20]/ELW20/ELT20/ELT21, ELW22; max ±30%, ELW21; cannot use optical axis shift function)
Keystone correction range*2	Vertical: ±25°, Horizontal: ±30°
Installation	Horizontal/Vertical, free 360-degree installation
Terminals HDMI In	HDMI 19-pin x 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
Terminals RGB 1 In	BNC x 5 (RGB or YPBPR/YCBCR x 1)
Terminals RGB 2 In	D-sub HD 15-pin (female) x 1 (compatible with component input)
Terminals Video In	Pin jack x 1 (composite video)
Terminals Monitor Out	D-sub HD 15-pin (female) x 1 (RGB x 1) (compatible with RGB or YPBPR/YCBCR)
Terminals Audio In	Pin jack x 2 (L-R), M3 stereo mini jack x 2
Terminals Audio Out	M3 stereo mini-jack x 1 for output
Terminals Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals REMOTE 1 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals Remote 2 In	M3 x 1 for wired remote control
Terminals LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX, compatible with PLink™ (Class 2)
Terminals DIGITAL LINK	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PLink™ (Class 2), HDCP, Deep Color
Terminals Memory Viewer/Pairing	USB (Type A) x 1
Terminals DC Out	USB (Type A) x 1, DC 5 V/2 A*3
Power Supply	100-240 V AC, 50/60 Hz
Power Consumption	TBD
Built-in Speaker	10 W (monaural)
Operating noise*1	35 dB (NORMAL/ECO Mode), TBD (Quiet Mode)
Filter	x 1, estimated maintenance time: approx. 20,000 hours*4
Cabinet Materials	Molded plastic (PC + ABS)
Dimensions (W x H x D) (mm)	PT-MZ770/MW730: 560 x 205*5 x 443 mm (with supplied lens) PT-MZ770L/MW730L: 560 x 205*5 x 428 mm (without lens)
Dimensions (W x H x D) (inch)	PT-MZ770/MW730: 22 1/16 x 8 1/16 *5 x 17 7/16 inch (with supplied lens) PT-MZ770L/MW730L: 22 1/16 x 8 1/16 *5 x 16 27/32 inch (without lens)
Weight (kg)*6	PT-MZ770/MW730: Approximately 17.1 kg (with supplied lens) or less PT-MZ770L/MW730L: Approximately 16.3 kg (without lens)
Weight (lbs.)*6	PT-MZ770/MW730: Approximately 37 lbs (with supplied lens) or less PT-MZ770L/MW730L: Approximately 35.7 lbs (without lens)
Operating environment (°C/M)	Operating temperature: 0 °C- 45 °C*7, operating humidity: 20 %-80 % (no condensation)
Operating environment (°F/Feet)	Operating temperature: 32 °F -113 °F*7, operating humidity: 20 %-80 % (no condensation)
Applicable software/application	Wireless Manager for Windows/Mac, Logo Transfer Software, Multi Monitoring & Control Software, Smart Projector Control, Plug and Share, Wireless Projector Apps for iOS/Android™

Note

Note: PT-MZ770L and PT-MW730L deliver the same performance as PT-MZ770 and PT-MW730 but respectively come without a lens.

*1 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

*2 With supplied lens. Value differs when correction for both directions is operated. *3 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.

*4 Under conditions with 0.15 mg/m³ of particulate matter (based on tests by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers [ASHRAE], and the Japanese Building Maintenance Association). Estimated maintenance time varies depending on environment.

*5 With legs at shortest position.

*6 Average value. May differ depending on models.

*7 Brightness is limited at operating temperatures higher than 36 °C (96 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level.