Panasonic
CONNECT

Easy-to-Manage, Super Simple 1 Chip DLP™ Laser Projector delivers Clear Pictures in Bright Rooms with Flexible Integration in diverse installation environments

PT-FRZ55

DLP™ imaging technology, Quartet Colour Harmonizer, Rich Colour Enhancer, and digitally modulated Dynamic Contrast 2 optimization coalesce in images of surpassing brightness, colour, and clarity regardless of ambient light levels.Powered 0.8:1 short-throw lens for rear projection joins DIGITAL LINK and CEC-ready HDMI® terminals supporting 4K/60p input signals*2. Separate LAN terminal and USB-

Key Features

Laser 1-chip DLP, 5,000 lumens, WUXGA

DLP™ imaging technology, Quartet Colour Harmonizer, Rich Colour Enhancer, and digitally modulated Dynamic Contrast 2 optimization

Maintenance free up to 20,000 hours with dust-resistant optical block and long lasting laser engine

0.8:1 short-throw lens

Supports uncompressed 4K/60p input signals via HDCP 2.2-compliant HDMI® inputs or DIGITAL LINK terminal

PT-FRZ55

https://oc.connect.panasonic.com/au/en/products/projectors/pt-frz55

Projector type	1-Chip DLP™ projector
DLP™ Chip | Panel Size	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)
DLP™ Chip | Display Method	DLP™ chip x 1, DLP™ projection system
DLP™ chip | Number of Pixels	2,304,000 (1920 x 1200 pixels)
Light Source	Laser diodes
Light output	5,000 lm*1/5,200 lm (Center)*2
Time until light output declines to 50 %*3	20,000 hours (NORMAL)
Resolution	1920 x 1200 pixels
Contrast Ratio*1	20,000:1 (Full On/Full Off, Dynamic Contrast Mode: ON)
Screen size [diagonal]	1.02–7.62 m (40–300 in), 16:10 aspect ratio
Center-to-corner zone ratio*1	90 %
Lens	Fixed (throw ratio: 0.8:1), powered focus, F 1.75, f 11.9 mm
Lens shift | Vertical(From the origin point of the lens mounter)	±4.4 % (powered)
Lens shift | Horizontal(From the origin point of the lens mounter)	±2.1 % (powered)
Keystone Correction Range	Vertical: ±40 °, Horizontal: ±20 °. When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously,correction cannot be made exceeding a total of ±60 °.
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals | HDMI In	HDMI 19-pin x 2 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*4), CEC supported
Terminals | Computer 1 In	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR/YC)
Terminals | Computer 2 In/1 Out	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR/YC)
Terminals | Video In	Pin jack x 1 (composite video)
Terminals | Audio In 1	Pin jack x 2 (L, R)
Terminals | Audio In 2/3	M3 x 1/M3 x 1
Terminals | Audio Out	M3 x 1 (Variable)
Terminals | Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals | DIGITAL LINK	RJ-45 x 1 for network and DIGITAL LINK connections (HDBaseT™ compliant), PJLink™ (Class 2) compatible, 100Base-TX, Art-Net compatible, HDCP 2.2 compatible, Deep Color compatible,4K/60p signal input*4
Terminals | LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals | USB	USB connector (Type A) x 1 (Output 5 V/2 A)
Power Supply	AC 100–240 V, 50/60 Hz
Power Consumption	TBD
Cabinet Materials	Molded plastic
Operation noise*1	27 dB (Quiet Mode) (TBD), 32 dB (Normal Mode) (TBD)
Dimensions (W x H x D)	498 x 168*5 x 481 mm (19 5/8″ x 6 5/8″*5 x 18 15/16″)
Weight*6	Approx. 16.6 kg (36.6 lbs) (TBD)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F),operating humidity: 10–80 % (no condensation) (TBD)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped. *2 Average light-output value of all shipped products measured at center of screen in NORMAL Mode. *3 Aroundthis time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [ON], under conditions with 35 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3 of particulate matter. Estimated time until light outputdeclines to 50 % varies depending on environment. *4 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®. *5 With legs at shortest position. *6 Average value. May differ depending on the actual unit.