



**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-DC outlet further streamline installation. Operation is almost inaudible at 27 dB\*3. Heat-pipe cooling for the laser modules and heat-sinks for airtight DMD block support filterless design for 20,000 hours of maintenance-free projection. Multi-Laser Drive Engine has failover circuit protection while optional Early Warning software reinforces reliability.

### 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





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<https://ap.connect.panasonic.com/vn/en/products/projectors/pt-frz55>

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|---|---|
| <b>Projector type</b>   | 1-Chip DLP™ projector   |
| <b>DLP™ Chip   Panel Size</b>   | 17.0 mm (0.67 in) diagonal (16:10 aspect ratio)   |
| <b>DLP™ Chip   Display Method</b>   | DLP™ chip x 1, DLP™ projection system   |
| <b>DLP™ chip   Number of Pixels</b>                                       | 2,304,000 (1920 x 1200 pixels)  |
| <b>Light Source</b>   | Laser diodes  |
| <b>Light output</b>   | 5,000 lm*1/5,200 lm (Center)*2  |
| <b>Time until light output declines to 50 %*3</b>                         | 20,000 hours (NORMAL)   |
| <b>Resolution</b>   | 1920 x 1200 pixels  |
| <b>Contrast Ratio*1</b>   | 20,000:1 (Full On/Full Off, Dynamic Contrast Mode: ON)  |
| <b>Screen size [diagonal]</b>   | 1.02–7.62 m (40–300 in), 16:10 aspect ratio   |
| <b>Center-to-corner zone ratio*1</b>                                      | 90 %  |
| <b>Lens</b>   | Fixed (throw ratio: 0.8:1), powered focus, F 1.75, f 11.9 mm  |
| <b>Lens shift   Vertical(From the origin point of the lens mounter)</b>   | ±4.4 % (powered)  |
| <b>Lens shift   Horizontal(From the origin point of the lens mounter)</b> | ±2.1 % (powered)  |
| <b>Keystone Correction Range</b>  | Vertical: ±40 °, Horizontal: ±20 °. When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of ±60 °.   |
| <b>Installation</b>   | Ceiling/floor, front/rear, free 360-degree installation   |
| <b>Terminals   HDMI In</b>  | HDMI 19-pin x 2 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*4 ), CEC supported   |
| <b>Terminals   Computer 1 In</b>  | D-sub HD 15-pin (female) x 1 (RGB/Y/PBPR/Y/CBCR/YC)   |
| <b>Terminals   Computer 2 In/1 Out</b>                                    | D-sub HD 15-pin (female) x 1 (RGB/Y/PBPR/Y/CBCR/YC)   |
| <b>Terminals   Video In</b>   | Pin jack x 1 (composite video)  |
| <b>Terminals   Audio In 1</b>   | Pin jack x 2 (L, R)   |
| <b>Terminals   Audio In 2/3</b>   | M3 x 1 / M3 x 1   |
| <b>Terminals   Audio Out</b>  | M3 x 1 (Variable)   |
| <b>Terminals   Serial In</b>  | D-sub 9-pin (female) x 1 for external control (RS-232C compliant)   |
| <b>Terminals   DIGITAL LINK</b>   | RJ-45 x 1 for network and DIGITAL LINK connections (HDBase™ compliant), PLink™ (Class 2) compatible, 100Base-TX, Art-Net compatible, HDCP 2.2 compatible, Deep Color compatible, 4K/60p signal input*4  |
| <b>Terminals   LAN</b>  | RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible  |
| <b>Terminals   USB</b>  | USB connector (Type A) x 1 (Output 5 V/2 A)   |
| <b>Power Supply</b>   | AC 100–240 V, 50/60 Hz  |
| <b>Power Consumption</b>  | TBD   |
| <b>Cabinet Materials</b>  | Molded plastic  |
| <b>Operation noise*1</b>  | 27 dB (Quiet Mode) (TBD), 32 dB (Normal Mode) (TBD)   |
| <b>Dimensions (W x H x D)</b>   | 498 x 168*5 x 481 mm (19 5/8" x 6 5/8"*5 x 18 15/16" )  |
| <b>Weight*6</b>   | Approx. 16.6 kg (36.6 lbs) (TBD)  |
| <b>Operating Environment</b>  | Operating temperature: 0–45 °C (32–113 °F), operating humidity: 10–80 % (no condensation) (TBD)   |
| <b>Applicable Software</b>  | Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software   |
| <b>Note</b>   | *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 Around this 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 output declines 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. |