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

1-Chip DLP projector with 5,000 ANSI lumens and WUXGA (1920 × 1200) resolution. Fixed short-throw lens (0.8:1) with powered focus and limited lens shift (V: ±4.4%, H: ±2.1%). Supports 4K/60p signal input (displayed at WUXGA resolution). Operating noise: 32 dB (Normal), 27 dB (Quiet). Compact and lightweight at approx. 16.4 kg

**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

ACCEPTS 4K SIGNAL

DIGITAL LINK SINGLE CABLE SOLUTION

360°

SOLID SHINE LASER

24/7 Operation

360°

Panasonic CONNECT







# PT-FRZ55

https://latam.connect.panasonic.com/ar/es/productos/pt-frz55

| | |
|---|---|
| **Projector type** | 1-Chip DLP™ projector |
| **Display method** | DLP™ chip x 1, DLP™ projection system |
| **Display Device -> Panel size** | 17.0 mm (0.67 in) diagonal (16:10 aspect ratio) |
| **Display Device -> Number of pixels** | 2,304,000 (1920 x 1200 pixels) |
| **Light source** | Laser diodes |
| **Light output** *1 *2 | 5,000 lm |
| **Light output (ANSI)** *3 | 5,000 lm |
| **Light output (Center)** *4 | 5,200 lm ( Center) |
| **Time until light output declines to 50 % -> NORMAL** *5 | 20,000 hours [NORMAL] |
| **Resolution** | 1920 x 1200 pixels |
| **Contrast Ratio (typ.)** *2 | 20,000:1 (Full On/Full Off, Picture Mode: Dynamic, Dynamic Contrast 1, Operating Mode: Normal) |
| **Screen size (diagonal)** | 1.02–7.62 m (40–300 in), 16:10 aspect ratio |
| **Center-to-corner zone ratio** *2 | 85% |
| **Lens** | Fixed (throw ratio: 0.8:1), powered focus, F 1.75, f 11.9 mm |
| **Lens shift -> Vertical(from center of screen)** | ±4.4 % (powered) |
| **Lens shift -> Horizontal(from center of screen)** | ±2.1 % (powered) |
| **Keystone correction range** | Vertical: ±25 °, Horizontal: ±20 ° |
| **Installation** | Ceiling/floor, front/rear, free 360-degree installation |
| **Terminals -> HDMI™ IN** | HDMI™ 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input*4), CEC supported |
| **Terminals -> COMPUTER IN（D-SUB 15pin）** | D-sub HD 15-pin (female) x 1 (RGB/$YP_BP_R$/$YC_BC_R$) |
| **Terminals -> COMPUTER OUT（D-SUB 15pin）** | D-sub HD 15-pin (female) x 1 (RGB/$YP_BP_R$/$YC_BC_R$) |
| **Terminals -> VIDEO IN** | Pin jack x 1 (composite video) |
| **Terminals -> AUDIO IN(M3 Stereo Mini Jack)** | Pin jack x 1 (L, R) |
| **Terminals -> AUDIO IN(Pin Jack L/R)** | M3 x 1 / M3 x 1 |
| **Terminals -> AUDIO OUT(M3 Stereo Mini Jack)** | M3 x 1 (Variable) |
| **Terminals -> SERIAL IN** | D-sub 9-pin (female) x 1 for external control (RS-232C compliant) |
| **Terminals -> DIGITAL LINK IN / LAN** | RJ-45 x 1 for network and DIGITAL LINK connections (HDBaseT™ compliant), PJLink™ (Class 2) compatible, 100Base-TX, Art-Net compatible, HDCP 2.3 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 TYPE A** | USB connector (Type A) x 1 (Output 5 V/2 A) |
| **Power supply** | AC 100–240 V, 50/60 Hz |
| **Maximum power consumption** | 465 W (5.0–2.0 A) |
| **On-mode power consumption(Operating mode) -> Normal** | [NORMAL] 370 W |
| **On-mode power consumption(Operating mode) -> Eco** | [ECO] 295 W |
| **On-mode power consumption(Operating mode) -> Quiet** *9 | [QUIET] 295 W |
| **Standby power consumption -> Normal** | 10 W（Standby Mode）[ NORMAL ] |
| **Standby power consumption -> ECO** | 0.5 W（Standby Mode）[ ECO ] |
| **Cabinet materials** | Molded plastic |
| **Filter** | No |
| **Operation noise -> Normal** *2 | 32 dB [NORMAL] |
| **Operation noise -> Quiet** *3 | 27 dB [QUIET] |
| **Dimensions (W x H x D)** | Approx. 498 x 168*7 x 481 mm (19 5/8˝ x 6 5/8˝*7 x 18 15/16˝ ) |
| **Dimensions -> Width (including protruding parts)** | 498 mm (19 5/8˝) |
| **Dimensions -> Height (including protruding parts)** | 168 mm (6 5/8˝) |
| **Dimensions -> Depth (including lens)** | 481 mm (18 15/16˝ ) |
| **Weight** *6 | Approx. 16.4 kg (36.1 lbs) |
| **Operating environment -> Operating temperature** *7 *8 *9 | 0–45 °C (32–113 °F) |

| | |
|---|---|
| **Operating Environment -> Operating humidity (No condensation)** | 10–80 % (no condensation) |
| **Applicable software** | Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software |
| **Body Colour** | Black |
| **NFC** | No |
| **Terminals -> SDI IN** | — |
| **Terminals -> DVI-D IN** | — |
| **Terminals -> DisplayPort™ IN** | — |
| **Operation noise -> Eco** *3 | — |
| **Gross Dimensions (W x H x D in mm)** | FRZ55B: Approx. 684 x 291 x 596 mm<br>FRZ55BEJ: Approx. 694 x 310 x 606 mm |
| **Gross Weight (Kg)** | FRZ55B: 21.1 kg (46.4 lbs)<br>FRZ55BEJ: 22.6 kg (49.9 lbs) |
| **Active 3D** | No |
| **SDM** | No |
| **EAN** | FRZ55B: 5025232941445<br>FRZ55BEJ: 5025232941452 |
| **Footnote Description** | 1. When [PICTURE MODE] is set to [DYNAMIC], [DAYLIGHT VIEW] is set to [OFF], [DYNAMIC CONTRAST] is set to [OFF], [LIGHT OUTPUT] is set to [100%], and [AUTO POWER SAVE] is set to [OFF].<br>2. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped.<br>3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.<br>4. Average light-output value of all shipped products measured at the center of the screen.<br>5. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Normal Mode, Dynamic Contrast 2, temperature 30 °C (86 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of airborne particulate matter. Estimated time until light output declines to 50 % varies depending on environment.<br>6. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®.<br>7. With legs at shortest position.<br>8. Average value. May differ depending on the actual unit. |