

## Key Features

- Supports Full HD 1080p resolution with 3 SXRDTM 1920 x 1080 SXRDTM Panels (0.61")
- Up to 15,000:1 Contrast Ratio (with Advanced Iris Auto function on)
- ARC-F (All Range Crisp Focus) Lens
- 1080/24p Input Capable
- Ultra High Pressure Lamp (200W) delivers natural, accurate color
- Advanced Iris 2 Function (Auto, On, Off)
- Low Fan Noise (22dB)
- 1.8X Zoom
- Blanking function allows the user to add an adjustable black frame over unusable portions of the image
- Noise Reduction



## Key Technologies

**SXRDTM 1920 x 1080p Full HD Panels** SXRDTM is a display technology developed by the legendary television engineers at Sony to meet and exceed the demands of a High Definition image at its full 1080 line resolution. It is a 1920 x 1080p panel characterized by several key benefits -- full HD resolution, smooth film-like image with minimal screen door effects, high response times (2.5ms rise and fall), high contrast ratios and accurate color rendition.

**Advanced Iris 2** The latest evolution of Sony's own Advanced Iris function uses algorithms designed to analyze the histogram of each picture along with nonlinear amplification to dynamically adjust the iris for its optimum opening. The result is a stunningly high contrast ratio of up to 15,000:1. Images in bright scenes are crisp and clear and black levels in dark scenes are deep and detailed. A manual adjustment option is also available to fix the iris opening for specific image conditions.

**Ultra Quiet Fan** An exclusive Sony-designed fan efficiently removes heat at a barely noticeable noise spec of 22dB. Obtrusive fan noise is virtually eliminated to allow for flexibility in room placement.

**ARC-F (All Range Crisp Focus) Lens** A specially developed crisp focus lens was developed to take full advantage of the full 1920 x 1080 HD resolution that the SXRDTM panel device offers. It offers superior resolution and focus.

**RCP (Real Color Processing)** Real Color Processing allows the user to target specific colors on the picture and fine adjust their color and hue without changing the overall picture's color and hue. For instance, the color of a strawberry can be fine adjusted without impacting the skin tones. Or the blue in a sky can be adjusted without affecting the color of water. And green grass can be adjusted without influencing the other colors in the picture.

## Features

### General

Vertical Keystone: Yes  
Standby Mode: Yes  
Lens Control: Off, On  
High Altitude Mode: Off, On  
Information Menu: Horizontal and Vertical frequency display  
Acceptable Computer Signals: fH: 19 to 72 kHz, fV: 48 to 92 Hz, fV: 60 Hz  
Input A: Auto, Computer, Component, Video GBR  
DVI Signal Setting: Auto, Computer, Video GBR

### Video

Video Processing: 10-bit processing  
Comb Filter: Yes (3DY)  
DRC® Palette Presets: Mode 1, Mode 2  
Vertical Position: Yes  
Wide Mode: Wide Mode (Full, Normal, Wide Zoom, Zoom)  
Display Technology: SXRD™ Technology  
High Definition: Yes (Full HD 1080)  
Horizontal Size: Yes  
Dot Phase: Yes  
Picture Shift Function: Yes  
Title Area Control: Yes  
Film Mode: Yes  
Acceptable Video Signals: 15 kHz (RGB/Component) 50/60Hz, Progressive component 50/60 Hz, DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p - DVI and HDMI inputs only, 1080/50p - DBI and HDMI inputs only, Composite video, Y/C video.  
Micro Display Type: 0.61" chip (2,073,600 pixels per chip, 6,220,800 total pixels)

### Convenience

Multiple Language Display: 15 languages (including English, French, Spanish, German and Chinese)  
Power Save Mode: On, Off  
Auto Input Search: Yes  
Test Pattern: Yes  
Image Flip: HV, H, V, Off  
IR Receiver: Front & Rear, Front, Rear  
Illumination: Off, On

## Specifications

### General

Lens: f1 8.7 to 33.7 mm/F2.54 to 3.53 mm  
Projection Picture Size: 40" to 300" measured diagonally  
Color System: Auto, NTSC, PAL, SECAM  
Television Type: Front Projection

### Video

Native Resolution: 1080p  
Contrast Ratio: Up to 15000:1 (with Advanced Iris Auto ON)  
Display Resolution: 1920 x 1080  
Overscan: Yes

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 1 (Side)  
Composite Video Input(s): 1 (Side) Vp-p+/-2 dB sync negative (75 ohms terminated)  
S-Video Input(s): Y/C mini DIN 4-pin type, Y (luminance): 1 Vp-p+/-2 dB sync negative (75 ohms terminated) C (chrominance): burst 0.286 1 Vp-p+/-2 dB (NTSC) sync negative (75 ohms terminated) burst 0.3 1 Vp-p+/-2 dB (PAL) sync negative (75 ohms terminated)  
HDMI™ Connection(s): 2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr) with PC timing support1  
PC Input(s): 1 (Side) fH: 19 to 72kHz / fV: 48 to 92 Hz / Maximum resolution: 1920 x 1080 fV: 60Hz  
Remote Network Connection(s): 1 (Side) RS-232C: D-sub 9-pin (female) RJ-45 10 BASE-T/100BASE-TX (For gamma adjustment using included ImageDirector2 software.)  
RS232 Control: Remote Connector  
Component/Progressive: DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), 1080/60p (DVI and HDMI channel only), Composite video, Y/X video  
12V Trigger Input(s): 1 (1 Side) Mini Jack - Power On: DC 12V, output impedance: 4/7 kilohms Power Off: 0V

### Power

Power Consumption (in Operation): 300W  
Power Consumption (in Standby): 8W  
Power Requirements: AC 100 to 240V, 1.3 to 3A, 50/60Hz

### Service and Warranty Information

Limited Warranty: Product Warranty - 2 Years Parts and Labor except the lamp. Lamp Warranty - 90 Days from date of purchase.

### Dimensions

Weight: 24.25lbs (11kg)  
Measurements: 15.55 x 6.83 x 18.56" (395 x 173.5 x 471.4mm)

### Operating Conditions

Operating Temperature: 5°C to 35°C (41°F to 95°F)  
Operating Humidity: 35% to 85% (no condensation)

### Supplied Accessories

Remote Control (RM-PJWW100)  
Instruction Manual  
AC Cord  
CD ROM Image Director 2)

Lens Cap  
Size AA (R6) batteries x2

### Optional Accessories

Ultra High Pressure Replacement Lamp (LMP-H200)  
Black Ceiling Mount (PSS-610)  
White Ceiling Mount (PSS-H10)

Color: White  
UPC Code: 027242694002

1. For supported resolutions and timing please refer to user manual.

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.  
Retail prices may vary



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