

Key Features

- 24p True Cinema allows 1080/24p input signal via HDMI™
- Cinema Black Pro (with Advanced Iris function and Lamp Control)
- Advanced Iris Function and Lamp Control
- High Contrast Ratio of up to 6,000:1 (Advanced Iris Auto Mode ON)
- Quiet operation with low fan noise of 20dB
- Three 1280 x 720 LCD Panels, 0.73" p-Si TFT Panels
- Resolution: 1280 x 720 (x3) or 2,764,800 Total Pixels
- Lens. 1.6 Times Manual Zoom/Focus Lens (F2.4-3.1)
- Projection Picture Size: 40" - 200" measured diagonally
- Ceiling or Table Mount Capable



Key Technologies

**24p True Cinema** Many films are shot at 24 images per second. Because of the limitations of conventional televisions (both CRT and flat panels), these 24 images can't be faithfully reproduced. The sequence of the 24 images gets altered in order to display the content on television. The result is a unnatural, jerky movement that the movie creators did not intend. With 24p True Cinema, the 24 progressive images are displayed as they should be, in the same sequence as the original film source. In combination with next-generation video devices like Blu-ray Disc, the same film-like motion that you could only enjoy in the theaters is now available in the comfort of your living room.

**Advanced Iris Function** This function reproduces bright images in bright scenes and deep blacks in dark scenes by dynamically changing the opening according to the level of input signals. Two "Auto" nodes offer the user some flexibility depending on content. And each mode has three sensitivity settings- Recommended, Fast and Slow to allow additional adjustments. Working in combination with the High Contrast Plate, an awesome contrast ration of up to 6,000:1 can now be achieved.

**Full Digital Processing** Sony's Full Digital Video Processing circuits include a number of processes designed to optimize picture performance of any input source, the 12- Bit Panel Driver achieves excellent gradation reproduction and a high level of detail.



## Features

### General

Vertical Keystone: Yes  
 Standby Mode: Yes  
 High Altitude Mode: Off, On  
 Information Menu: Horizontal and Vertical frequency display  
 Acceptable Computer Signals: fH: 19 to 92kHz, fV: 48 to 92 HZ, fV:60HZ  
 Input A: Analog RGB, Component

### Video

Video Processing: 10-Bit  
 Comb Filter: Yes (3DY)  
 Color System: Auto, NTSC, PAL, SECAM  
 Vertical Position: Yes  
 Wide Mode: Wide Mode (Full, Normal, Wide Zoom, Zoom)  
 Display Technology: 3LCD Technology  
 High Definition: Yes  
 Horizontal Size: Yes  
 Dot Phase: Yes  
 Acceptable Video Signals: Composite Video; Y/C Video; 15kHz RGB/Composite, 50/60Hz; Progressive Component 50/60Hz; DTV (480/60i, 575/50i, 720/60p, 720/50p, 1080/60i, 1080/50i); via HDMI™ only: 1080/60p, 1080/50p, 1080/24p  
 Micro Display Type: 0.73" TFT LCD chip (921,600 pixels per chip, 2,764,800 total pixels.)  
 Panel Driver: 12-Bit

### Convenience

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

## Specifications

### General

Lens: f-21.3 to 34.1mm/ F2.4 to 3.1mm  
 Projection Picture Size: 40" to 200" measured diagonally  
 Television Type: Front Projection

### Video

Native Resolution: 720p  
 Contrast Ratio: Up to 6,000:1 (with Advanced Iris Auto ON)  
 Display Resolution: 1280 x 768

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 1 (Rear)

Composite Video Input(s): 1 (Rear) 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 (NTSC) sync negative (75 ohms terminated) burst 0.3 1 Vp-p+/-2 dB (PAL) sync negative (75 ohms terminated)

HDMI™ Connection(s): 1 (rear) Digital RGB/Y/Cb (Pb)Cr(Pr)

PC Input(s): 1 (Rear)<sup>4</sup> fH:19 to 92 kHz/fV: 48 to 92Hz/ Maximum resolution: 1920 x 1080 fV: 60Hz

RS232 Control: Yes

### Power

Power Consumption (in Operation): 265W max  
 Power Consumption (in Standby): 7W; mode low: 0.5W  
 Power Requirements: AC 100 to 240V, 1.05 to 2.65A, 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: 12lbs 12oz (5.8kg)  
 Measurements: 14 5/8 x 4 3/4 x 12 5/8" (370 x 119 x 320mm)

### Operating Conditions

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

### Supplied Accessories

Instruction Manual  
 Remote Control (RM-PJAW10)  
 Air Filter  
 AA Battery x2  
 Lens Cap

### Optional Accessories

Replacement Lamp (LMP-H160)  
 Replacement Air Filter  
 Suspension Support (PSS-610) - Black  
 Suspension Support (PSS-H10) - White

UPC Code: 027242239876

1. ANSI lumen is a measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufactures.  
 2. Conditions: Lamp Control Low and Advanced Iris ON.  
 3. Lamp Mode Low, not guaranteed.  
 4. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user manual and PC documentation for supported resolutions.

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