

Key Features

- 24p True Cinema allows 1080/24p input signal via HDMI™
- Cinema Black Pro (with Advanced Iris2 function and Lamp Control)
- Advanced Iris Function and Lamp Control
- High Contrast Ratio of up to 12,000:1 (Advanced Iris Auto Mode ON)
- High Contrast Plate
- Lens Shift Function (+/- 0.65 V / +/- 0.25 H)
- All Range Crisp Focus Lens (ARC-F lens)
- Quiet operation with low fan noise of 20dB
- Three 1280 x 720 LCD Panels, 0.73" p-Si TFT Panels
- Real Color Processing for independent color adjustment



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 Iris2 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" modes 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 ratio of up to 12,000:1 can now be achieved.

High Contrast Plate The High Contrast Plate adjusts diagonal light to reduce light leakage that can take place between the ON/OFF status of liquid crystal elements. Working with the Advanced Iris Function, the High Contrast Plate controls light emission from each LCD panel to deepen black levels and offer a high contrast ratio.

Lens Shift Function This function adjusts the picture position both vertically and horizontally to allow for off center positioning and very flexible installation options.

ARC-F (All Range Crisp Focus) Lens The All Range Crisp Focus Lens delivers a crisp focused picture across the screen.

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.

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
 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

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 Compomnent 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

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 12,000:1 (with Advanced Iris Auto ON)
 Display Resolution: 1280 x 720

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)⁴ 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

DynaClear Screen™ (VPS-80DS)
 Replacement Lamp (LMP-H160)
 Replacement Air Filter
 Suspension Support (PSS-H10) - White

UPC Code: 027242703094

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.

©2007 Sony Electronics Inc. Sony and BRAVIA are trademarks of Sony. This projector incorporated High-Definition Multimedia Interface (HDMI) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other trademarks are property of their respective owners. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

Please visit the Dealer Network for current information at www.sony.com/dn