

cineza

The **perfect** addition to your **home** theatre system.



VPL-HS3



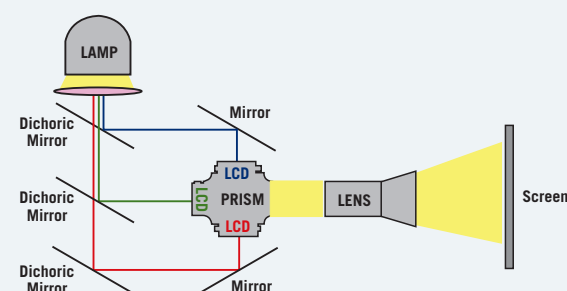
VPL-HS20



Cineza – home entertainment projector by Sony is compact, lightweight, and easy-to-use with a range of new and exciting features. Whether you connect it to DVD players, game consoles, VCRs or personal computers, Cineza gives you crisp, larger-than-life images on any screen size. (VPL-HS3 is up to 150-inch screen size and VPL-HS20 is up to 300-inch screen size, measured diagonally.)



Feature-packed in a small, slick and compact package, the Cineza is designed to harmonise with its surroundings, whether it's placed on the table or hanging from the ceiling*.

The Cineza Home Projectors are designed with the latest Liquid Crystal Display (LCD) technology. This technology enables the control of red, green and blue light independently through 3 separate LCD panels. This process achieves excellent colour fidelity as well as bright and sharp images.



The Cineza **VPL-HS3** and **VPL-HS20** are the latest additions to the Cineza family. With the Side Shot2 feature, you can now get clearer views and enjoy greater flexibility in the placement of your Cineza projector without worrying about space limitations. The **VPL-HS20** comes with Memory Stick function that allows you to share and view JPEG images and MPEG1 movies taken by Sony digital or video cameras. Now you can truly enjoy those special moments, or re-live the thrills and excitement of large-screen movies... right in the comfort of your home!

**Optional Suspension Support accessory is available for VPL-HS20 only.*

SPECIFICATIONS	VPL-HS3 	VPL-HS20 
OPTICAL	3 LCD Panels, 1 Lens Projection System	
Projection System	3 LCD Panels, 1 Lens Projection System	
LCD Panel	0.62 inch p-Si TFT Wide VGA LCD Panel (858 x 484) 1,245,816 pixels (415,272 x 3)	0.87 inch p-Si TFT Wide XGA LCD Panel (1386 x 788) 3,276,504 pixels (1,092,168 x 3)
Projection Lens	1.2 Times Manual Zoom / Focus Lens	1.3 Times Powered Zoom / Focus Lens
Lamp	150W UHP	180W UHP
Screen Coverage	40 - 150 inch (measured diagonally)	40 - 300 inch (measured diagonally)
Light Output	1200 ANSI lumens (Optical Engine Power)	1400 ANSI lumens (Optical Engine Power)
Contrast Ratio (Cinema Black Pro)	800:1	1300:1
SIGNALS	NTSC 3.58, PAL, SECAM, NTSC 4.43, PAL-M, PAL-N	
Colour System	NTSC 3.58, PAL, SECAM, NTSC 4.43, PAL-M, PAL-N	
Resolution	Video : 480 TV Lines	Video : 750 TV Lines
Acceptable Video Signal	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), 1080/24PsF, Composite Video, Y/C Video	
Acceptable Computer Signal	Max input signal resolution : XGA (1024x768 fv:85Hz ; 1280x720 fv:60Hz)	Max input signal resolution : XGA (1024x768 fv:85Hz ; 1280x720 fv:60Hz ; 1280x768 fv:60Hz)
GENERAL	AC 100-240V, 50/60Hz	
Power Requirements	AC 100-240V, 50/60Hz	
Power Consumption	Max. 200W, Standby 3W	Max. 260W, Standby 5W
Speaker	2W x 1 Mono	2W x 1 Mono (only for Memory Stick)
Dimensions (W x H x D)	304 x 168 x 321 mm	345 x 148 x 369 mm
Weight	Approx. 4.5kg	Approx. 5.4kg
INPUTS / OUTPUTS	32-pin Multi Connector	
Video In - Composite	RCA Connector	
- S-Video (Y/C)	Mini DIN 4-pin	
- Component	-	3x RCA Connector
- Digital RGB / Digital Audio	HDMI	
- Digital RGB	-	DVI-D (TMDS)
- USB	-	Mini USB-Type B (for service use)
PJ Multi In	Acceptable Video Signals: Composite, S-Video, 15k Component, Progressive Component, 15k RGB, DTV/HDTV	
Memory Stick Slot	-	x 1 (JPEG, MPEG1 playback)
Audio In	RCA Connector L/R	
ACCESSORIES – Supplied		
Remote Commander	RM-PJHS2	RM-PJHS10
Signal Interface Cable	SIC-HS40 (Component/S-Video/Video - PJ Multi; 5m)	SIC-HS41 (Component/S-Video/Video - PJ Multi; 10m)
Air Filter (for replacement)	Yes	Yes
AA-size battery	x 2	x 2
ACCESSORIES – Optional		
Replacement Lamp	LMP-H150	LMP-H180
Replacement Air Filter	PK-HS1FL	PK-HS10FL
Ceiling Mount	-	PSS-610
Projector Stand	SU-HS2	-
Tele Conversion Lens	-	VPLL-CT10
Wide Conversion Lens	-	VPLL-CW10
Signal Interface Unit	IFU-HS1	IFU-HS1
Signal Interface Cable	SIC-HS10 (Video/L/R input - PJ Multi ; 5m) SIC-HS20 (Component/S-Video/L/R input - PJ Multi ; 5m) SIC-HS30 (HD D-sub 15pin/Stereo Mini - PJ Multi ; 5m) SIC-HS40 (Component/S-Video/Video - PJ Multi; 5m)	



Replacement Lamp



Replacement Air Filter



Projector Stand



Signal Interface Cable

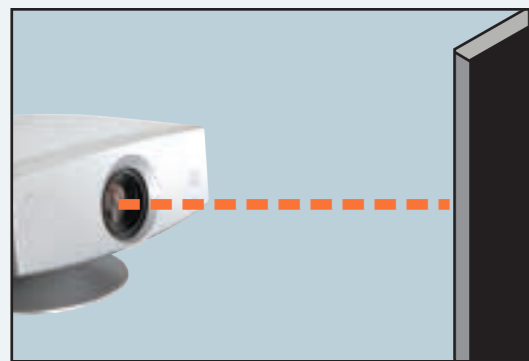
SONY



Cineza Home Projectors
Cinematic entertainment for your home.

cineza

Improved contrast ratio & better details.



Short Throwing Distance

Using a new 'Short Focal Lens' as its standard lens, the **VPL-HS3** is able to fill an entire 80-inch wide projection screen with less than 2m throwing distance*. This allows you to enjoy big images even in a small, limited space.

* Throwing distance is the minimum distance between the front lens of the projector and the projection screen. Applicable to VPL-HS3 only.

16:9 Screen (inch)	40	60	80	100	120	150
Minimum Distance* (mm)	970	1,480	1,990	2,500	3,010	3,780

* Distance between the screen and the centre of the lens.

Cinema Black PRO

Thanks to Cinema Black PRO, the contrast ratio of the **VPL-HS3** and **VPL-HS20** is much improved, showing even the finest details on screen. Cinema Black PRO consists of Cinema Black and IRIS Control.

Cinema Black

Cinema Black allows you to control lamp wattage for an elevated black level.



'Cinema Black' mode ON



'Cinema Black' mode OFF

IRIS Control

You can now control the volume of light by using the IRIS Control. When set to 'On', the IRIS Control will tone down the brightness and adjust the contrast accordingly, thus giving you perfect balance between brightness and contrast.

Side Shot2

Another innovation from Sony, the new Cineza incorporates Side Shot2 for flexible set-up within limited space constraints. While conventional projectors are restricted to being placed directly in front of the screen, Side Shot2 allows you the flexibility to place it at any angle without affecting the projected image. That's because Side Shot2 has a digital keystone correction function that corrects not only vertical but also horizontal distortion caused from off-centre projection angles.



12-bit Panel Drive Full Digital Chassis

A 12-bit Panel Drive, which is more commonly used in high-end projectors, is now available in the **VPL-HS20**. This new chassis achieves extremely good Signal-to-Noise levels resulting in much better picture quality from the source, be it a DVD player or a game console. Also, with its Full Digital feature and New I/P converter, the **VPL-HS20** is High Definition (HD) enabled, allowing high picture qualities from HDTV as well as DVDs. As a result, progressive HD signal is reproduced with precise and high-density images.

Applicable to VPL-HS20 only

Micro Lens Array & WV Film

The combination of the Micro Lens Array (MLA) and the Wide View (WV) film in the optical unit of the **VPL-HS20** result in brighter and sharper images. Besides the improved brightness level, images are also richer with a deeper black level.

Applicable to VPL-HS20 only

Low Fan Noise

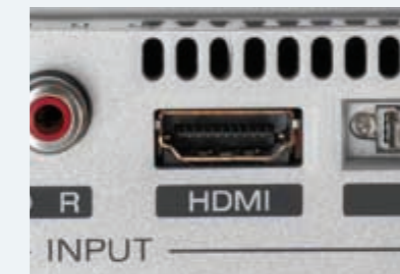
With its extended air duct and innovative cooling structure, the Cineza reduces fan noise to barely audible level, ensuring the only thing you'll hear is the sound from your audio systems. At 28db, this is one of the lowest in the front projector industry.



Memory Stick

Bring your own personal entertainment to life. With the Memory Stick slot on the **VPL-HS20**, you can enjoy large screen viewing of your favourite JPEG images and MPEG1 movies taken with Sony's digital still camera or digital video camera. And with a touch of the MS SLIDE key on the remote control, you can even enjoy JPEG slide shows!

Applicable to VPL-HS20 only



High-Definition Multimedia Interface (HDMI)

Both **VPL-HS3** and **VPL-HS20** are equipped with Next Generation Digital Video connector known as High-Definition Multimedia Interface Connector (HDMI™). An improvement over current DVI connectors, HDMI delivers the finest quality digital video and audio transmitted over a single cable and signifies compatibility among HDMI-labelled systems. This enables Cineza to realize good Signal-to-Noise level compared to the current connection.

HDMI™ HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. Optical cables are required to accept progressive component, DTV, HDTV and RGB signals.



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CINEZA HOME PROJECTORS MAKING WAVES IN HOME ENTERTAINMENT