Specifications

**Model**

XV-Z15000

**Display devices**

0.65" DLP® chip

**Resolution**

1080P (1920 x 1080)

**Brightness**

1,600 ANSI lumens

**Contrast ratio**

30,000:1

**F number**

F 2.5 - 2.7

**Zoom**

Manual, x1.15 (f = 21.0 to 24.2 mm)

**Focus**

Manual

**Picture size**

40" (102 cm) to 500" (1,270 cm)

**Projection distance**

40": 1.3 to 1.4 m, 100": 3.1 to 3.6 m, 500": 15.7 m

**Input signals**

WSXGA+/SXGA+/SXGA/XGA/SVGA/VGA

**Input terminals**

Computer RGB

**Input terminals**

HDMI

**Computer / Component (mini D-sub 15 pin)**

**Component (3RCA)**

**S-Video (mini DIN 4 pin)**

**Video (RCA)**

**Control and communication terminals**

RS-232C (mini D-sub 9 pin)

**Horizontal frequency**

15 to 110 kHz

**Vertical frequency**

43 to 85 Hz

**Fan noise**

24 dB (Eco+Quiet)

**Projection lamp**

250 W

**Lamp life**

3,000 hours (Eco+Quiet)

**On-screen display languages**

English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, simplified Chinese, Korean, Japanese

**Rated voltage**

AC100 to 240 V

**Rated frequency**

50 / 60 Hz

**Input current**

3.7 A

**Power consumption (Standby)**

353 W (7.6 W) with AC 100 V, 339 W (8.3 W) with AC 240 V

**Operation temperature**

41°F to 95°F (+5°C to +35°C)

**Cabinet**

Plastic

**Dimensions (main body only)  (W x H x D)**

15 3/4" x 4 15/16" x 13 13/64" (400 x 100 x 335 mm)

**Weight (approx.)**

12.8 lbs. (5.8 kg)

**Supplied accessories**

Remote control, Two R-6 batteries, Power cord [6' (1.8 m)], Operation manual

**Optional Accessories**

- AN-K15LP
- AN-C15P2 3-RCA to 15-pin D-sub cable 10' (3 m)
- AN-TK201 For high ceiling installation
- AN-TK202 For standard ceiling installation
- AN-60KT Installation adaptor

**Design and specifications are current as of January 2009, but are subject to change without notice.**

* DLP® and the DLP logo are registered trademarks of Texas Instruments.

Note: Some of the optional accessories may not be available depending on the region.

Please check with your nearest Sharp Authorized Projector Dealer or Service Center.
Full High-Definition 1080P Picture Reproduction Meets the Needs of Recent High-Quality Video Entertainment

High-Quality Picture

Full HD Panel (1,920 x 1,080 pixels)
The XV-Z15000 provides full HD high-resolution pictures with 1,920 x 1,080 pixels and greater capability for large-screen pictures to prevent rough, grainy colours. And, the panel is compatible with next-generation digital broadcast systems.

1,600 ANSI Lumen High Brightness
Incorporating Sharp optical electronics technology, the XV-Z15000 provides 1,600 ANSI lumen brightness in high-brightness mode to enjoy large-screen pictures.

30,000:1 Dynamic Contrast
Employing a thoroughly developed optical engine with a DLP® chip reflective device, which can prevent light from coming through by controlling mirror angles, the XV-Z15000 enhances fine, detailed differences between the darkest and lightest colours and provides superior black level reproduction. Real blacks and clearly rephrased subtle colours provide impressively beautiful pictures.

Easy Setting

Auto Vertical Keystone Correction
Just press the direct key on top of the projector to automatically correct the picture projection angle according to the vertical direction of the projector. (Range of correction: ±12°)

Manual Vertical and Horizontal Keystone
This function compensates for pictures projected on angles both horizontally (±30°) and vertically (±40°).

Spherical Adjustment
Manual compensation can be performed on pictures projected onto spherical surfaces, such as at a planetarium.

Picture Mode
Picture mode can be selected with the direct key on top of the projector or with the remote control. Six modes can be selected: Standard, natural, dynamic, movie 1, movie 2, or game.

Image Shift Function
The projected images can be shifted from right to left up and down with the remote control. Note: The range of image shift depends on the input signal and setting of other functions.

CEC (Consumer Electronics Control) Function*
- One-Touch Play: The XV-Z15000 automatically turns on when you press the play button on a video device connected with an HDMI cable.
- System Standby: The video device automatically turns off when you turn the XV-Z15000 off.

* The XV-Z15000 is CEC compatible with Sharp video products.

Colour Management System (C.M.S.)
Independently controls colour hue, chroma and brightness for the six RGBMY colours (red, green, blue, cyan, magenta and yellow), enabling you to match the image quality to your preferences.

Convenience and Reliability

Sliding Lens Cover
The lens cover can be slid closed to prevent the lens from dust and damage while the projector is not being used or to interrupt the projection with the power still on. If the lens cover is kept closed for 30 minutes, the Auto Power Off function automatically turns off the power for safety.

Sealed Optics
The optical mechanism of DLP® system projectors is sealed in its structure, preventing dust, dirt and smoke from entering core parts of the optics.

Front Lamp Replacement System
You can exchange the lamp easily and safely even when the projector is mounted on the ceiling or in another high location.

Safe Lamp Housing Structure
When the lamp is removed from the projector for replacement, the lamp door automatically closes, ensuring safe replacement in the event that the lamp breaks.

Filter-Free Design
When the projector is being used, the lamp door remains open, and the lamp heat burns off dust, so there is no need to worry about filter clogging or costs for filter replacement.

Security Bar
A reinforcing bar for the antitheft cable is mounted at the corner of the projector for theft prevention.

Home Theatre Performance and Convenience

Colour Management System (C.M.S.)
Independently controls colour hue, chroma and brightness for the six RGBMY colours (red, green, blue, cyan, magenta and yellow), enabling users to match the image quality to their preferences.

Versatile Connectivity
The XV-Z15000 is equipped with two HDMI inputs in addition to various other video inputs, such as two component inputs, S-video inputs and composite inputs.

Low Fan Noise: 24 dB (Eco Mode)

Screen Size and Projection Distance

Full High-Definition 1080P Picture Reproduction Meets the Needs of Recent High-Quality Video Entertainment