



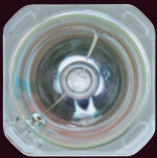
High Contrast Ratio (1200:1) from Use of the DLP System for a Dynamic Theatre Experience

**Z90 SHELL PACKAGE DESIGN**



**High Contrast Ratio (1200:1) from Use of the DLP System for a Dynamic Theatre Experience**

A DLP system with reflective DMD chips can provide high contrast as well as reduced colour mismatching and is thus ideal for a home theatre projector system. In addition, the DMD™ mirror provides a wider swing angle of 12 degrees, compared with 10 degrees for conventional projectors. New-generation devices together with an improved optical system achieve the high contrast ratio of 1200:1, improved gray scale and colour reproduction that surpass projectors in the same class.



**Primary Colour Wheel**

The specially designed RGB-only primary colour wheel for home theatre achieves high-quality colour reproduction and high contrast ratio.

**x5 Speed Sequential System**

The colour wheel capable of x5 speed (by rotating the colour wheel with 6-part colour at x2.5 speed) renders colour breaking imperceptible to the human eye.

**New 150W SHP Lamp System**

New 150W SHP Lamp System for Improved Colour Reproduction  
The new 150W lamp system results from a focus on brightness as well as high-quality colour reproduction and stability. Also, lamp life span (MTBF) is extended to 2,500 hours.

**Twin Duct System**

Outstanding Installability and Wide-Screen Noise Suppression Design (29dBA) for a Comfortable Movie Watching Environment

The separately ventilating Twin Duct System equipped with a projection lamp and power supply drastically reduces rotation of the ventilation fan and so decreases noise. The air bearing motor for the colour wheel makes no contact with the rotation axis and thus achieves a low noise level of 29dB for a comfortable movie-watching environment. Also, the front ventilation system is adjusted according to the actual movie-watching environment.



**Lens Shift Function**

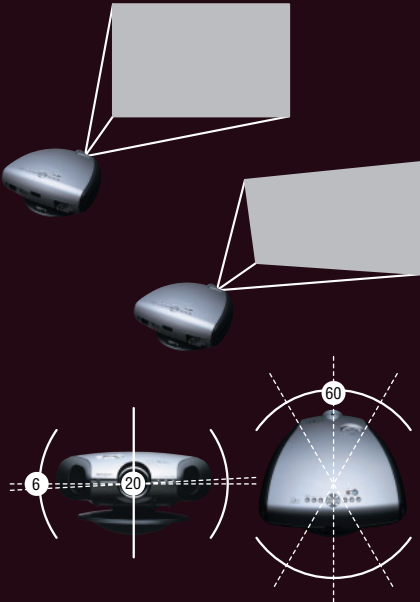
The Lens Shift function enables optical adjustment of the vertical image position without distorting the image quality, so that the projector can be installed in an elevated place without hanging from the ceiling.

**2D Keystone Correction Function**

So that the wide screen can be used in a relatively small room, the 2D Keystone Correction function enables a wider projector installation area compared to conventional projectors with limited position in front of the screen.

**Swivel Stand**

With the Swivel Stand, the projector can be adjusted in the wide range of 6 degrees vertically and 60 degrees horizontally and the Stand can be raised 20cm as well.



**Outstanding Image Adjustment Features Surpass Projectors in the Same Class**

**User-Selected Gamma Correction Function**

The user may choose from four preset mode Gamma Correction settings for the optimal mode depending on the image source and room brightness.

**Picture Setting Function**

Five Picture Adjustment settings, including colour adjustment and contrast, can be input and easily selected depending on the image source.

**Colour Temperature Adjustment Function**

One of six Colour Temperature settings between 5,500K and 10,500K can be selected depending on the image source.

**User-Friendly Graphical User Interface**

A user-friendly icon-based adjustment menu is provided for adjusting brightness, contrast, colour and other settings. As well, the remote control is equipped with a backlight and one-touch selection key for easy choice of frequently used input sources.



For XV-Z90U



For XV-Z90E