

# The New SHARP Notevision Provides Long-Lasting High-Quality Performance with Easy Operation to Deliver Multiple Use and Entertainment for Everyone



## High-Quality Reliability

### Long-Life High-Performance DLP™ Picture

With DLP™ technology minimally absorbing high-output light, the projectors maintain uniform colour reproduction capability for a long period of time. Also, DMD™ silicon chip formation with finely structured mirrors provides stable performance and delivers high-quality pictures for longer periods. The DMD™ chip in the XR-20/10 series contributes to a long lifespan.

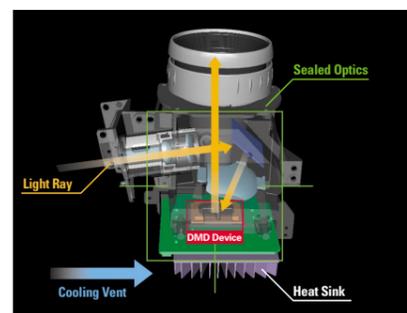


\* By RIT/Munsell Colour Science Laboratory Test

In addition, because there is no burn-in or remaining afterimage, the projectors are ideal for still picture projection such as for guidance board applications and projecting CAD images.

### Sealed Optics

The optical mechanism is sealed in its structure, preventing dust, dirt and smoke from entering core parts of the optics to a much greater degree than with LCD projectors. The system also needs no filter and less maintenance, resulting in lower cost of ownership and longer use.



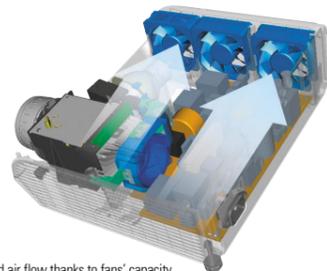
## High-Performance Projection Elements

### 2300 ANSI Lumen (XR-20X/20S) 2000 ANSI Lumen (XR-10X/10S) High Brightness (Standard Mode)

Sharp's advanced optoelectronics technology maximizes light output, providing crystal clear images in amazingly high brightness.

### Low Fan Noise

The DLP™ high-speed colour wheel with non-contact Fluid Dynamic Bearings together with multiple ultra-quiet cooling fans reduce unpleasant noise, enabling quiet operation at 30dB in Low Power mode.

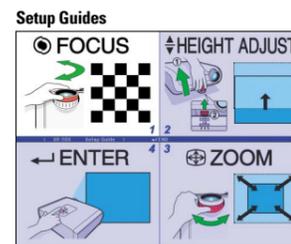


Slow speed air flow thanks to fans' capacity

## Operation Simple Enough for Anyone to Use

### Setup Guide for Interactive Operation

The XR-20/10 Series Setup Guide provides intuitive OSD images to show the next step interactively for setup including focus, zoom and height adjustment.



Setup guide is displayed after the projector is turned on.

### Interactive Help Menu

The Help Menu displays any problems and assists the user in solving problems with operation.

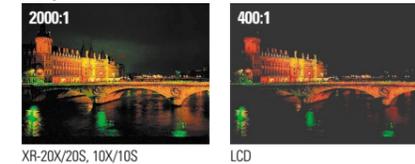


## Cutting Edge Technology Provides High-Quality Picture

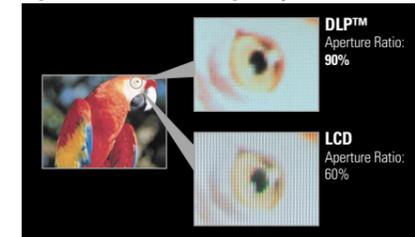
### 2000:1 High-Contrast, High-Quality Image

By utilizing the DLP™ optical system and Sharp's optical technology, the projectors produce crisp details and sharper blacks in black parts thanks to a 2000:1 high contrast ratio. Plus, DLP™ projection delivers film-like seamless images.

### Comparison of Contrast Ratio

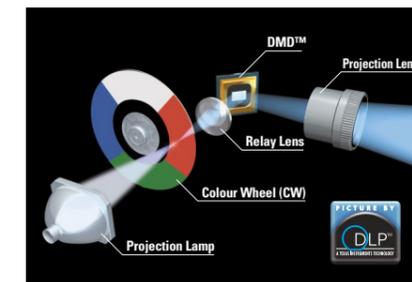


### High-Resolution Seamless Image Comparison



### 3X Speed Colour Wheel

The projectors employ a colour wheel with a 3x speed engine, improving colour break-up to an invisible level. Also, the non-contact Fluid Dynamic Bearings for the high-speed rotating colour wheel axle have a longer lifespan.

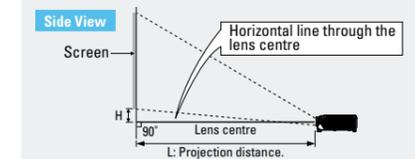


### IP Conversion from TrueVision™ Image Processing

TrueVision™ Image Processing provides optimal video performance. The motion-adaptive scan images produce smooth moving scenes and ensure smooth natural lines and edges.



### Correlation of the XR-20X/20S and XR-10X/10S to the screen



### Screen Size and Projection Distance

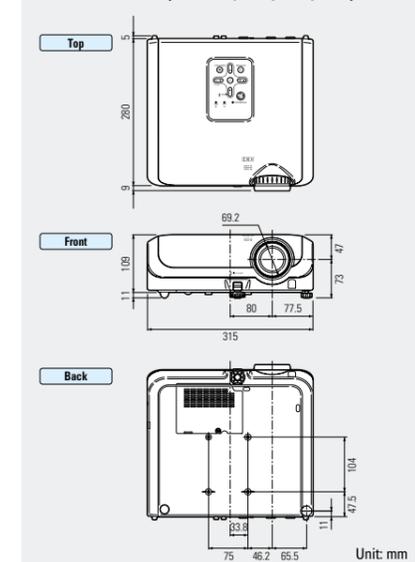
Diag. (inches)	Picture size			Projection distance [L]		Distance from the bottom of the image to the lens centre [H]
	Width (cm)	Height (cm)	Diag. (cm)	Minimum	Maximum	
300	610	457	10.4m	12.1m	-48cm	
200	406	305	7.0m	8.1m	-32cm	
100	203	152	3.5m	4.0m	-16cm	
60	122	91	2.1m	2.4m	-10cm	
40	81	61	1.4m	1.6m	-6cm	

### STRETCH Mode (16:9)

Diag. (inches)	Picture size			Projection distance [L]		Distance from the bottom of the image to the lens centre [H]	Adjustable range of image position [S]
	Width (cm)	Height (cm)	Diag. (cm)	Minimum	Maximum		
250	553	311	9.5m	11.0m	-96cm	±52cm	
200	443	249	7.6m	8.8m	-77cm	±42cm	
100	221	125	3.8m	4.4m	-38cm	±21cm	
60	133	75	2.3m	2.6m	-23cm	±12cm	
40	89	50	1.5m	1.8m	-15cm	±8cm	

\* Negative figures mean the lens center position is under the bottom of the picture.  
\* Allow a margin of error in the above values.

### Dimensions (XR-20X/20S, 10X/10S)



## Multiple Connections for a Wide Range of Applications

### Multiple Input Terminals

Projectors can be connected to DVD players, cable or satellite boxes, laptop and desktop computers, HDTV tuners, VCRs and video game consoles.

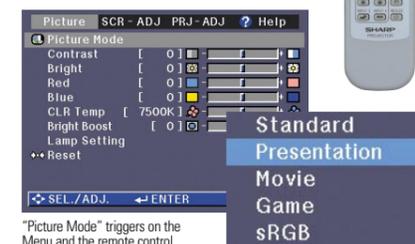


## Other Outstanding Features

- 4:3 and 16:9 Aspect Ratios and HDTV/DTV and DVD Compatible (1080i, 1035i, 720P, 576P, 576i, 540P, 480P and 480i).
- Image Shift Function  
Images projected in 16 x 9 format can be vertically shifted for better viewing in limited spaces.
- Auto Keystone Correction (XR-20X only)
- Presentation Support: Freeze, AV Mute
- Theft Deterrent Function "System Lock"
- Key Lock Function

### Advanced Picture Mode

Quickly and directly choose the appropriate settings for the picture mode and lamp brightness to match the intended application.



"Picture Mode" triggers on the Menu and the remote control.

### Universal Design

The beeping sound informs the user when the power is on and cooling down has completed. Also, intuitive button layout allows the user to operate the projector simply.



### Quick Start

It takes only approx. 3 seconds to project the image.