

SHARP VISION

BRINGING THEATER HOME



# XV-DW100U



W I D E S C R E E N

LCD FRONT PROJECTOR

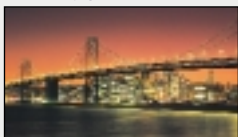
SHARP®

## PERFORMANCE THAT'S L A

SharpVision, the world leader in consumer home theater, has just forged a new era in LCD front projection. The XV-DW100U is one of the most compact units available, yet it makes movies, sports—even computer imagery—larger than life! The DW100 accepts high definition input signals in both 1080I and 720P formats and delivers a high resolution image that captures the realism made possible by HDTV programming.

When designing the DW100, SharpVision went the distance. Consider a projector that offers a choice of aspect ratios. The Wide 16:9 mode is ideal for viewing DTV and DVD images in true widescreen fashion. The DW100 automatically “unsqueezes” anamorphic recordings in Wide mode, while it displays 4:3 images in either the Normal mode, for native video resolution, or Full mode, for enhanced resolution.

WIDE MODE



NORMAL MODE



FULL MODE



### PICTURE THIS

Like all SharpVision products, the DW100 delivers stunning color, revealing the distinct beauty of each individual shade. A 400:1 contrast ratio delivers black levels rarely seen in LCD projectors, while maintaining color accuracy rivaled only by nature. The DW100 has three presets for color temperature, allowing you to fine-tune the warmth of

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## LARGER THAN LIFE



reds and blues according to your own particular preference. The unit delivers 1000 ANSI Lumens, producing clear, crisp images even in rooms that are subject to ambient light. In addition, a three-preset Gamma Mode allows you to illuminate dark scenes without compromising bright areas within the image. It's perfect for viewing programs that include many low-light and nighttime scenes.

Driven to increase picture clarity even further, SharpVision has incorporated an internal line-doubler for a smoother, more continuous image. SharpVision has also included an Interlaced-to-Progressive Conversion feature (I/P) that's ideal for the true videophile. This adjustment lets you display video material in either interlaced format, or line-doubled progressive format, which is especially ideal for film originated material. And a reliable long-life 150W Ultra High Pressure Lamp provides superior image quality, color accuracy and image brightness.

### POWERFUL AND FLEXIBLE

The DW100 delivers the picture-perfect clarity you've come to expect from SharpVision. Connect the DW100 to an optional DTV Decoder and enjoy all the latest high definition broadcasts in your area. The DW100 is compatible with 480I and 480P formats, and accepts 720P and 1080I high definition signals. Inputs include two high bandwidth, switchable, RGB and Y, Pb, Pr connections for compatibility with a variety of high quality video signal sources. Also featured are S-video, and composite inputs for traditional video sources such as DVD players, satellite receivers and VCRs.

The DW100 also boasts SharpVision's brand-new On-Screen-Display (OSD). This new OSD features icons and graphic displays for intuitive navigation of the projector's adjustments and settings. The handy wireless remote control offers complete command of all projector functions from anywhere in the room. And it's backlit.

### SMALL SIZE: PART OF THE BIG PICTURE

Another great feature of the DW100 is its small size. Weighing in under 16 pounds and measuring 10.3" x 5.1" x 14", it's small enough to be unobtrusively mounted on a ceiling. The size of the room isn't a concern; the DW100 has a power zoom/focus, so the installation options are virtually unlimited! The unit also has an electronic lens shift feature and digital keystone correction for trickier installations. The net result is a projector that is able to project the clearest of pictures from a variety of heights and angles, including custom rear projection applications.

Large, bright, high resolution images. Accurate color reproduction. Flexible technology and installation options. All from a unit that weighs less than 16 pounds. With the DW100, SharpVision has taken the high performance of theater and brought it into your home.



SHOWN WITH OPTIONAL CEILING MOUNTING BRACKET (AN-CM230)



# XV-DW100U

WIDESCREEN LCD FRONT PROJECTOR

COMMANDING WIDE-EYED ATTENTION AT EVERY SHOWING.

## GENERAL SPECIFICATIONS

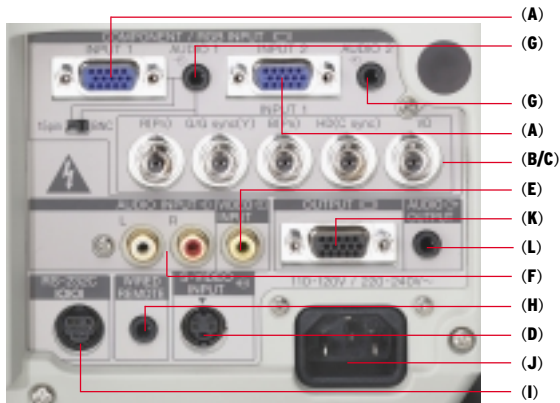
### INPUTS

- Video: ..... (A) RGB 15 Pin D-Sub (Female x 2)  
 (B) Component video input (Y, Pb, Pr) BNC x 1  
 (C) RGB BNC-connector (R, G, B, Hv, Hd) x 1  
 (D) S-Video (4-pin DIN) x 1  
 (E) Composite (RCA) x 1  
 Audio: ..... (F) (RCA L/R x 1)  
 (G) 3.5mm Stereo Mini-jack x 2  
 Control: ..... (H) Wired Remote Control (3.5mm Mini-jack x 1)  
 (I) RS-232C Serial Port x 1  
 (J) Detachable AC Cord x 1

### OUTPUTS

- Video: ..... (K) HD 15-Pin D-Sub x 1  
 Audio: ..... (L) L/R (3.5mm Mini-jack x 1)

### INPUTS/OUTPUTS



## ADDITIONAL SPECIFICATIONS

- Screen Size: 40" to 300" Diagonal  
 Number of Pixels: 3 Panels, each containing 786,432 pixels  
 (1.3" active matrix, polysilicon TFT LCD)  
 Pixels per panel: 1024 dots x 768 lines  
 Resolution: 750 TV Lines  
 Computer Compatibility: IBM (XGA, SVGA, VGA), Macintosh  
 Video System: NTSC/PAL/SECAM-interlaced or Progressive scan  
 Horizontal and Vertical scan frequencies: 15-68.7 kHz and 43-85 Hz  
 Comb Filter: 3D Y/C Digital  
 Luminance: 1000 ANSI Lumens  
 Lens: 1:1.3 Power Zoom/Focus  
 Contrast Ratio: 400:1  
 Audio System: Stereo 2 watt (x 2)  
 Projection Lamp: 150 Watt Ultra High Pressure Lamp  
 Lamplife: 2000 hours  
 Power Source: 110-240 VAC, 50/60 Hz  
 Power Consumption: 265w  
 Dimensions: 10.3" x 5.1" x 14.0" (w x h x d) (inches)  
 Weight: 15.9 lbs.

The XV-DW100U is backed by a 1-year in-home parts and labor limited warranty which covers the entire unit. The projection lamp is warranted for 90 days. (See your authorized SharpVision dealer for details.)

Design and specification are subject to change without notice. All trademarks and registered trademarks are the property of their respective owners. All screen images are simulated.

## MULTIPLE VIEWING OPTIONS

The SharpVision XV-DW100U Widescreen LCD Projector offers a wide variety of installation and viewing options. The Wide mode is ideal for programs formatted especially for widescreen viewing such as DTV broadcasts and Anamorphic DVD's. The Full mode enhances the resolution of standard NTSC video to 768 vertical lines. The Normal mode makes switching from 16:9 to 4:3 seamless (when using a 16:9 screen). Additionally, the Normal mode is ideal for long throw applications where the projector can't be mounted as close to the 4:3 screen as typically desired.

### WIDE/NORMAL MODE MIN/MAX PROJECTION THROW DISTANCE FOR 16:9 SCREEN

| WIDE MODE | Screen Size (Diag.) | Min. Throw Dist. (ft.) | Max Throw Dist. (ft.) |
|-----------|---------------------|------------------------|-----------------------|
|           | 92"                 | 12' 1"                 | 15' 10"               |
|           | 106"                | 14'                    | 18' 3"                |
|           | 133"                | 17' 7"                 | 23'                   |

### FULL MODE MIN/MAX PROJECTION THROW DISTANCE FOR 4:3 SCREEN

| FULL MODE | Screen Size (Diag.) | Min. Throw Dist. (ft.) | Max Throw Dist. (ft.) |
|-----------|---------------------|------------------------|-----------------------|
|           | 72"                 | 8' 6"                  | 11' 1"                |
|           | 84"                 | 10' 1"                 | 13' 2"                |
|           | 100"                | 12'                    | 15' 11"               |
|           | 120"                | 14' 5"                 | 18' 11"               |
|           | 150"                | 18' 4"                 | 23' 6"                |
|           | 200"                | 24' 3"                 | 32' 2"                |
|           | 300"                | 36' 2"                 | 47'                   |

### NORMAL MODE MIN/MAX PROJECTION THROW DISTANCE FOR 4:3 SCREEN

| NORMAL MODE | Screen Size (Diag.) | Min. Throw Dist. (ft.) | Max Throw Dist. (ft.) |
|-------------|---------------------|------------------------|-----------------------|
|             | 72"                 | 11' 6"                 | 14' 9"                |
|             | 84"                 | 13' 5"                 | 17' 5"                |
|             | 100"                | 16' 1"                 | 22'                   |
|             | 120"                | 19' 3"                 | 25' 2"                |
|             | 150"                | 24' 3"                 | 31' 2"                |
|             | 200"                | 32' 6"                 | 43'                   |
|             | 300"                | 48' 2"                 | 62' 8"                |

Your Local SharpVision Dealer:

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