SHARP

SHARPVISION

This 1080p high definition DLP® front projector represents the pinnacle in home theater. Utilizing DLP 0.95" DarkChip3™ 1920 x 1080 technology from Texas Instruments and Sharp's advanced proprietary Computer Video & Integrated Composer (CV-IC System III) technology, the Z20000 boasts a 12000:1 contrast ratio and a high brightness 1000 ANSI lumens rating, delivering one of the best pictures available in consumer home theater projectors today.

Features:

High Contrast Ratio 12000:1 (in High Contrast Mode) enhances the Z20000's ability to discern fine, detailed differences between the darkest and lightest colors and provides superior black level reproduction.

1000 ANSI Lumens (in High Brightness Mode) is an ANSI lumens rating that delivers a bright, beautiful picture.

Native 1080p High Definition Capability is compatible with 1080i and 720p HD signals.

7 Segment 5x-Speed ND (Neutral Density) Color Wheel achieves flicker-free, high-grade images and accurate color reproduction.

CV-IC System III Sharp's proprietary, third generation advanced video scaler circuitry up-converts standard definition signals to the native 1080p HD resolution of the projector (1920 x 1080).

Powered Iris Switchover Function (High Contrast Mode/ Middle Mode/High Brightness Mode) instantly changes multiple brightness and contrast settings with the touch of a button. This allows the greatest flexibility for varying home theater environments.

Manual Optical Lens Shift simplifies installation and allows you to adjust the projected image up or down while maintaining a square image.

HDMI™ High Definition Multimedia Interface aids compatibility with the new generation of high definition set-top boxes.

DVI-I with High-bandwidth Digital Content Protection (HDCP) Terminal.

Home Theater Conveniences include easy installation and whisper quiet operation.

Specifications

Model	XV-Z20000
HDTV Compatible	1080p, 1080i, 1035i, 720p, 576p, 576i, 540p, 480p, 480i
Aspect Ratio	4:3/16:9
Resolution	1920 x 1080
Brightness	1000 ANSI Lumens (in High Brightness Mode)
Contrast Ratio	12000:1 (in High Contrast Mode)
Maximum Screen Size	300" (Diagonally Measured Using 16:9 Aspect Ratio)
Projection Distance	100" Screen Throw Distance 13' 2" - 17' 11" (wide)
Display Method	DLP® 0.95" chip from Texas Instruments
Inputs	2 HDMI™ 1 DVI-I/HDCP (Component and Digital/Analog RGB) 2 Component/RGB (5 RCA) 1 Composite Video (RCA) 1 S-Video (4-Pin DIN) 1 Wired Remote Control (3.5mm Mini Jack) 1 RS-232C Serial Port (9-Pin D-Sub)
Anamorphic DVD Capable	Yes
3D Y/C Digital Comb Filter	Yes
Manual Optical Lens Shift	Yes, 1 Full Screen Height
Film Mode	Yes, 24 Hz Progressive Format
Computer Compatibility	SXGA, XGA, Mac® 21"/19" SVGA, VGA, VESA, Mac® 16"/13"
Video System	NTSC/NTSC4.43/PAL/PAL (60Hz)/PAL-M/PAL-N/SECAM
Lens Type	1.35:1 Manual Zoom and Focus
Projection Lamp Type/Life	220W SHP/up to 3000 Hours (in eco mode)
Fan Noise	31 dB (in eco mode)
Gamma Correction	Yes
Color Temperature Adjustment	Yes
Detachable AC Cord	Yes
Optional Ceiling Bracket	AN-CM250
Wireless Light-Up Remote Control	Yes
Optional Digital Decoder Required	Yes (for HDTV)
Power Source	100-240V AC, 50/60Hz (Multi-Voltage)
Power Consumption	310W (0.1W in Standby)
Dimensions (w x h x d) (in inches)	18-11/16 x 7 x 16 (Main Body Only) 18-11/16 x 7 x 19-1/2 (Including Terminal Cover)
Weight (in pounds)	20.7
Limited Warranty*[1]	1-year parts and labor
UPC	074000364967

*[1] See warranty statement included in the product operation manual PDF download at www.sharpusa.com.

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