

DLP Single Lens Projector



Crystal View's Model CV-720-HD projector was developed to overcome the shortcomings of earlier LCD and DLP projectors and to incorporate new features that make it ideal for stunningly realistic HDTV reproduction in a home theater. Unlike other single-lens projector suppliers, Crystal View also makes CRT projectors that are acknowledged to be the reference standards for image quality. So we were our own severest critics throughout the development of this extraordinary DLP projector.

The core of the CV-720-HD is the Texas Instruments HD-2+, Mustang, high-contrast DMD chip. The light reflected from this amazing chip, passes through a proprietary, 6-segment, high-speed color wheel before emerging from an ultra-sharp zoom projection lens. The exceptional color purity of this color wheel combined with factory adjustments we make on the CV-NNR1 video scaler that is matched to each projector, results in on-screen colors that fully meet the SMPTE specification for DTV color accuracy. Many other unique design features of the CV-720-HD contribute to its outstanding contrast ratio of 2,300:1. That high contrast ratio produces velvety blacks and reveals details in the shadowy areas of pictures that are often washed out by other single-lens projectors.

The beauty of the CV-720-HD's finely finished enclosure is more than skin deep. It contributes to the projector's high contrast ratio by keeping extraneous light from escaping. It is also a self-contained hush-box that muffles fan and color wheel noise, making the CV-720-HD one of the world's quietest projectors at just 28 dB SPL. The enclosure is also cleverly designed to conceal all of the mounting hardware and wiring to the projector when it is in place on the home theater ceiling. Although we recommend the standard black finish to minimize its presence in the room, the CV-720-HD is available to match any color you wish at no extra cost.

If you don't have the space or budget for a CRT projector in your home theater, the Crystal View CV-720-HD DLP projector is clearly the next best thing. If you can compare it to any other single-lens projector, you will easily appreciate its superior image quality. And, unless you can compare it to a perfectly calibrated CRT projector, you won't believe any other projector of any kind could deliver a better looking picture than the Crystal View CV-720-HD



CV-720-HD
DLP Projector



CV-1
9" CRT Projector



CV-2
8" CRT Projector



CV-3
8" CRT Projector



Plasma Displays
and Sound-Art Frames

Crystal View Model CV-720-HD DLP Projector Features and Specifications

FEATURES:

- High Brightness of 1200 Lumens
- High contrast HD-2 Dark Metal DMD
- Exceptional color accuracy
- Ultra quiet operation of only 28 dB
- Faroudja DCDi deinterlacing
- Native 720P resolution
- Long life UHP lamp
- 6 segment RGB/RGB color wheel
- Matched CV-NNR1 video processor/scaler
- 8 video inputs
- 3:2, 2:2, and 3:3 pull-down

Specifications: (including CV-NNR1 scaler functions)

PARAMETER	CV-720-HD
Native Resolution	1280 x 720
Aspect Ratio	16:9
Brightness	1200 Lumens
Contrast Ratio	2300 : 1
Throw Distance to screen : width	Standard Zoom 1.75 to 2.25, Optional 1 : 1 Wide Angle
Dimensions: (WxHxD) (Inches) / Weight	14 x 6.75 x16 / 9 lbs
CV-NNR1 Scaler	17x10x3.5 / 3 lbs
Lamp Life / Type	2000 Hours (Typical) 250 W UHP
Power Requirements:	90 to 260 VAC at 50 to 60 Hz, 350 W
Warranty	1 Year Limited

To ensure optimum performance Crystal View Inc. custom calibrates each CV-720-HD DLP projector with its matched CV-NNR1 video processor/scaler before it leaves the factory