

# LED High Definition Theater Projector



## LED1081 Key Features and Benefits

- LED light source with an industry leading 60,000 hour rating eliminates costly bulbs and color wheels.
- Double factory calibrated to 6500° (D65) and color balance for a really truly cinematic cinema
- Knoll 2-D manual lens shift ensures easy installation because the projector does not need to be mounted in "just the right spot" and won't lose image resolution.
- Native 1080p MaxPlay™ DMD™ with BrilliantColor™ for the ultimate image quality.
- Available with an optional short or long throw lens to accommodate different home theater settings.
- Future proof with HDMI 1.3b that includes Deep Color™ for the smoothest picture possible.

The LED1081 delivers a spectacular home theater experience that only LED projectors can provide. It eliminates costly bulbs by using a new LED light source. Because of its long even output, the LED's brightness diminishes by less than 20% over the lifetime of the projector, eliminating constant calibrations needed for a fabulous picture quality. Best of all, with no color wheel there is no possibility of seeing the well documented "rainbow effect". Because there is no bulb the projector runs much cooler and uses less power than a traditional "bulb" projector. The LED1081 has many important features including the industry benchmark MaxPlay™ imager, video processor and 2-D lens shift. The LED1081 displays almost all current formats including Blu-Ray, DVDs and PVRs.

MaxPlay™ is a new type of imager and processor. So refined it takes little or no calibration over the years to continue displaying an outstanding image. The 2-D lens shift allows the projector to be mounted in places it could never be mounted before without using keystone to correct the picture (adjusting keystone always lowers resolution). The LED1081 projector image is our best ever! At a rating of 800 ANSI lumens this projector is more than two times brighter than a commercial movie screen image.



The LED1081 features a native resolution of 1920 x 1080, and displays all ATSC HDTV formats including 720p, 1080i and 1080p. Future proof with HDMI 1.3b, it supports Deep Color™ to display 1.07 billion colors without color banding artifacts and gives the smoothest picture possible. Each and every LED1081 is double factory calibrated at Knoll Systems and set to 6500° (D65) to give you a true cinema experience right out-of-the-box.

Knoll makes a full line of high-quality 1080p models. Knoll Systems is known for its technical firsts and award winning video projectors. Our video projectors, as well as our extensive line of home theater and custom installation products, offer performance and value that is unmatched worldwide.

### Specifications:

Native Aspect Ratio: 1080p (1920 x 1080)  
 Video Output: 15.3 ft-lamberts (800 ANSI lumens)  
 Contrast Ratio: 100,000:1 Full On/Full Off  
 Display Technology: MaxPlay™ DLP 0.95"  
 LED Pack Life: 60,000 hours  
 Standard Throw Lens Zoom: 1.85:1 - 2.4:1 (d/w)  
 Short Throw Lens Zoom: 1.48:1 - 1.92:1 (d/w)  
 Long Throw Lens Zoom: 2.31:1 - 3.00:1 (d/w)  
 Lens Shift Vertical: +/- 120%  
 Lens Shift Horizontal: +/- 30%  
 12 Volt Triggers: 2 (with 3.5mm jacks)  
 Actual Weight: 16.6 kg (36.6 lbs)  
 Dimensions: 520 x 548 x 225 mm (20.5 x 21.6 x 8.9")  
 Warranty: Three year limited parts and labor  
 Power: 280 watts maximum, 100-240 VAC 50-60 Hz  
 For more specifications go to our website.

