

SIM2 D80 PROJECTOR

True 1080p - PREVIEW leaflet



key points

- New 0,95" 1080p DLP® chipset by Texas Instruments
- 1920x1080 pixel HDTV resolution
- Optimum contrast (>4000:1) and black level detail
- Future-proof input: HDMI™-HDCP
- 160W lamp
- New 7-segment color wheel
- Built-in deinterlaced and video enhancer
- Proprietary SIM2 ALPHA PATH™ light engine

In true SIM2 style, the D80 projector is synonymous with cutting-edge technology!

SIM2's premier D80 projector features Texas Instruments' 0,95" 1080p DLP® chipset for a true, uncompressed 1920x1080 HDTV resolution. The new chipset coupled with full 10 bit video processing, SIM2's ALPHA PATH™ light engine and software, give the D80 projector an extra shine, resulting in a new level of cinematic realism in single chip projection.

A combination of SIM2's new proprietary light engine and the 7-segment color wheel ensures that the D80 delivers a true contrast ratio of >4000:1 and accurate color rendition: reds, greens and blues are rich saturated and vibrant colors for a film-like image. And, on-board video processing prevents the introduction of motion artifacts and jagged edges.

Also, the D80 features a wide selection of inputs - including HDMI™ and is compatible with all video and graphic standard. HDMI™ is a purely digital connection that transmits the uncompressed bitstream directly from the source through to the display.

The D80 projector is available in either Black Shadow or White Evolution cabinet color.



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PRELIMINARY Technical Specifications



LIGHT ENGINE

Technology: 1 chip DMD 0,95" 1080p
DarkChip3™
Resolution: 1920 x 1080 pixels
Lens: High quality, high resolution optics with both motorized zoom and focus adj.
Colour Wheel: 7 segment (RGBRGB+NDF Neutral Density Filter)
Lamp power & life time*: 160W 4000 hours

INPUTS/OUTPUTS

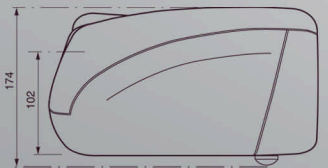
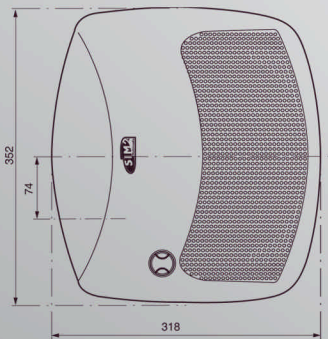
1 x Composite Video (RCA)
1 x S-Video (mini Din 4 pin)
1 x RGBs/YCrCb (4x RCA)
1 x RGBHV (D-Sub 15 pin)
1 x RS232 (D-Sub 9 pin)
1 x HDMI™-HDCP
1 x OUT digital audio (Toslink)
2 x OUT 12V 100mA on Jack connectors

INSTALLATION

Throw ratio: 1,5-2,0:1
Lens shift: V+/-6°
Digital keystone adjustment: V+/-18°
Picture size (inches diagonal): 50-300
Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface
Power consumption: 290W max
Mains voltage range: 100-240Vac ±10% (48/62Hz)
Dimensions (WxHxD): 13.9"x6.85"x12.5" (352x174x318 mm)



ELECTRONICS

Horizontal & vertical scan freq.: 15-80kHz/48-100Hz
Video and Graphic standards: PAL (B, G, H, I, M, N, 60); SECAM; NTSC 3,58; NTSC 4,43 automatically selected;
HDTV: ATSC (480p, 720p, 1080i, 1080p); 576p + 1080i 50Hz
PC graphic: VGA, SVGA, XGA, SXGA, UXGA
Contrast ratio (Full ON/ Full OFF): >4000:1
Format Board: 10 Bit
Video processor: built in
Special video adjustments:
Memories/Overscan

SUPPLIED ACCESSORIES

Installation and User Manual
AC power cords (EU, UK and USA) 6.6 ft (2m)
Remote control and batteries



(*) Lamp life: the hours quoted have been calculated in a lab under strict test conditions. Lamp life varies depending on usage conditions and the surrounding environment. The calculated lamp life cannot be guaranteed and is not protected by warranty

The DLP® logo and DLP® medallion are trademarks of Texas Instruments.



Due to constant product development, specifications and design might be subject to change without notice. Preliminary Leaflet D80 USA - May 2006

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