

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
- 150W 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*: 150W 4000 hours

INPUTS/OUTPUTS

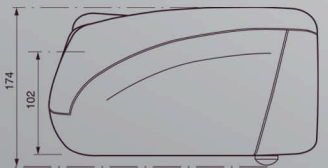
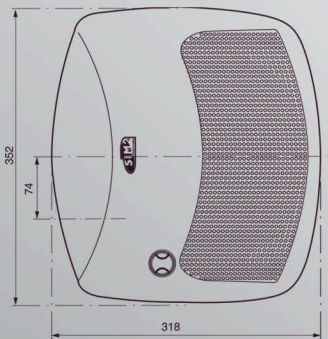
1 x Composite Video (RCA)
1 x S-Video (mini Din 4 pin)
1 x RGBs/YCrCb (4x RCA)
1 x RGBHV (D-Sub 15 pin)
1 x RS232 (D-Sub 9 pin)
1 x HDMI™-HDCP
1 x optical S/PDIF audio output from HDMI™
2 x OUT 12V 100mA on Jack connectors

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, Live Colours
Management (LCM) and Gamma Functions

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

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

USA:
SIM2 USA INC.
10108 USA Today Way
Miramar, FL 33025
Tel. +1.954.442.2999
Telefax +1.954.442.2998
E-mail: sales@sim2usa.com

Headquarters:
SIM2 MULTIMEDIA S.p.A.
Viale Lino Zanussi, 11
33170 Pordenone - Italy
Tel. +39.0434.383234
Telefax +39.0434.383260
E-mail: info@sim2.it

Germany
SIM2 DEUTSCHLAND GmbH
AmdStr. 34-36
D-60325 Frankfurt Am Main
Tel. 0800.8007462
Telefax 0800.9007462
E-mail: info.de@sim2.it

UK:
SIM2 UK LTD
Steinway House, Worth Farm
Little Horsted, Nr. Uckfield
East Sussex TN22 5TT
Tel. +44.01825.750850
Telefax +44.01825.750851

