

# SIM2 D80E PROJECTOR

## Outstanding Home Theater



### key points

- 0.95" 1080p DLP® chipset by Texas Instruments
- 1920x1080 pixel HDTV resolution
- Optimum contrast (>4500:1) and black level detail
- Future-proof input: HDMI™-HDCP
- 160W lamp
- BrilliantColor™ Technology
- Unishape™ Technology
- Proprietary SIM2 ALPHA PATH™ light engine
- Live Colors Management software

The DOMINO D80E is the latest addition to SIM2's DOMINO home theater projector series. Based on the award-winning D80 model, this new 'Evolution' version builds on the outstanding performance of the impressive original.

The "Evolution" enhancement of the D80E makes great use of a sophisticated technology originally developed for use in SIM2's Grand Cinema series' models, namely Unishape™ lamp technology. When used in conjunction with BrilliantColor™ color enhancement, the millisecond-precision of the dynamic Unishape™ lamp system takes the performance of D80E to an altogether higher level. With a wider, more vivid color palette on offer, along with improved contrast and increased light output.

This Full HD specification home theater projector utilizes Texas Instruments' DarkChip3™ 0.95" 1080p DLP® (1920 x 1080 pixel resolution) chipset in its design, this is integrated into SIM2's patented ALPHAPATH™ light engine to deliver outstanding high definition images on-screen. The D80E also enables standard definition sources to be reproduced at 1080p resolution, thanks to sophisticated 10-bit video processing electronics.

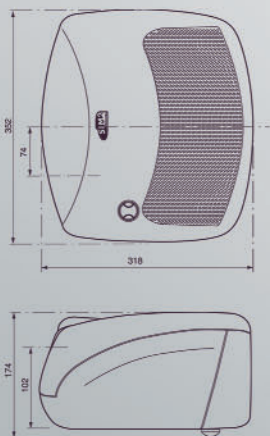
The DOMINO D80E is compatible with all video standards (including 1080p@24fps) and offers a wide choice of both analog and digital source inputs, including HDCP compliant HDMI, making it eminently suitable for use with today's HD devices.

Available in either Matte Black or Matte White cabinet color.



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## 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.  
 Full BrilliantColor™ technology and new color wheel (with primary and secondary colors)  
 Lamp power & average life time\*: 160W, 4000 hours

### INSTALLATION

Throw ratio: 1.5-2.0:1  
 Lens shift: V +50% / -33%  
 Digital keystone adjustment: V+/-18°  
 Picture size (inches diagonal): 50-200  
 Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

### ELECTRONICS

Horiz. & vertical scan frequency: 15-80kHz/48-100Hz; 24 Hz (1080p only)  
 Video & 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 + 1080p 24Hz  
 PC graphic: VGA, SVGA, XGA, SXGA, UXGA  
 Contrast ratio (Full ON/ Full OFF): >4500:1  
 Format Board: 10 Bit  
 Video processor: built in  
 Special video adjustments: Memories/Overscan  
 Live Colors Management software  
 Full BrilliantColor™ and Unishape™ technologies

### 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 HDMI™-HDCP (vers. 1.3 with DeepColor)  
 2 x OUT 12V 100mA on Jack connectors  
 Control: 1 x RS232 (D-Sub 9 pin)

### GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface  
 Power consumption: 250W max  
 Mains voltage range: 110-240Vac ±10% (48/62Hz)  
 Dimensions (WxHxD): 350x173x318 mm (13.9"x6.85"x12.5")

### SUPPLIED ACCESSORIES

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

### CABINET COLORS

Matte White or Matte Black

(\* ) Lamp life: the hours quoted have been measured in a lab under ideal test conditions. Lamp life varies depending on usage conditions and the surrounding environment. This is an average value that 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. Leaflet D80E USA - March 2008

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