



Due to constant product development, specifications and design might be subject to change without notice. DOMINO Catalog WORLD - November 2004



DOMINO
by SIM2



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The new SIM2 DOMINO delivers outstanding image quality synonymous to SIM2 Multimedia and has many distinguished features: blacks & whites are exceptional on and off screen, creating an impressive depth of vision; a true cinema experience can be created with the addition of a long throw lens, allowing the projector to be positioned behind the viewer - equally, the projector is so versatile, it can be placed on a bookshelf or installed on the ceiling opposite the screen and an exceptionally quiet mechanical design has been developed by SIM2 for extremely low acoustic noise.



It's in black and white...

The perfect synergy between high quality video projection and audio hi-fi, will transform your living room into a movie theater, sports stadium or even the front row of an opera house or concert hall. The projector, the essential part of any true home theater room, can create the ultimate viewing experience, changing your perception of home theater forever. The digital home theater revolution is here, bringing with it an awesome combination of digital surround sound and big screen picture with a clarity and fidelity never before achieved in this exciting evolving industry.

DOMINO
by SIM2

...Outstanding home theater!

■ Easy to use.

■ Easy to install.

■ Easy to enjoy.



Sit back, relax & enjoy the action

Based on Texas Instruments DLP™ technology - ED2 chip for the DOMINO 20H (1024x576 pixels) and HD2+ chip (1280 x 720 pixels) for the DOMINO 30H - the DOMINO projectors deliver sharp, high contrast images (respectively >2000:1 and >2800:1), edge-to-edge definition, an excellent colorimetry and gray scale tracking.

Blacks & whites are exceptional on and off screen, creating an impressive depth of vision; a true cinema experience can be created with the addition of a long throw lens, allowing the projector to be positioned behind the viewer - equally, the projector is so versatile, it can be placed on a bookshelf or installed on the ceiling opposite the screen; an exceptionally quiet mechanical design has been developed by SIM2 for extremely low acoustic noise.



DOMINO 20H & 30 H



Key points

- **DOMINO 30H:** based on **HD2+** DMD chip (1280x720 pixels)
 - **DOMINO 30H:** contrast ratio **>2800:1**
- **DOMINO 20H:** based on **ED2** DMD chip (1024x576 pixels)
 - **DOMINO 20H:** contrast ratio **>2000:1**
 - Future-proof input: **HDMI™-HDCP**
 - **6000 hours lamp life** (*)
- **Long Throw ratio** for a true cinema experience
 - Lens shift and digital Keystone adjustment
- Built-in **DCDi™** deinterlacer and video enhancement
 - Superior optics and white uniformity

Also, the DOMINO projectors benefit from the most sophisticated, state-of-the-art, processing available including Faroudja de-interlacing with Directional Correlational Deinterlacing (DCDi™) that prevents the introduction of motion artifacts and jagged edges. They also incorporate 3:2 pull down circuitry for flawless reproduction of film sources. A combination of SIM2 proprietary light engine and the 6-segment color wheel ensures that the DOMINOs deliver an accurate color rendition: reds, greens and blues are rich saturated and vibrant colors for a film-like image.

The DOMINO line feature 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 DOMINO series elegant cabinet is available in either Black Shadow or White Evolution.



The DOMINO 18 is the latest single chip DLP™ technology based front projector to be added to the DOMINO by SIM2 range and features 16:9 ED2 chip from Texas Instruments (1024 x 576 pixels resolution).

Supreme images

The DOMINO 18 sports SIM2 enhanced light engine, providing a true contrast ratio of >1800:1 and delivers stunning film like image quality. And, the Domino18's long throw ratio lens (2.3—3.1 x screen width) and vertical and horizontal keystone correction allow it to be positioned at the back of the room, behind the audience to recreate the ultimate cinematic experience.



The DOMINO18 projector benefits from Faroudja de-interlacing with Directional Correlational Deinterlacing (DCDi™) that prevents the introduction of motion artifacts and jagged edges. It also incorporates 3:2 pull down circuitry for flawless reproduction of film sources.

DOMINO 18



Key points

- ED2 DMD chip by Texas Instruments
 - 1024x576 pixels resolution
 - True contrast ratio >1800:1
 - Proprietary sealed engine
- Lens shift and digital keystone adjustment
 - Long throw ratio
- Silent 6-segment color wheel
 - Wide choice of inputs
- Built-in DCDi™ deinterlacer and video enhancement

DOMINO
by SIM2



Connected to a world of possibilities

Specifically designed for the discerning Home Theater enthusiast, the new DOMINO 18 projector sports a wide choice of inputs and is compatible with all video and graphic standard, including SVHS, component, RGB and VGA inputs. In addition it includes a 12 volt trigger and RS 232 port.



Design and color

The DOMINO 18 features the design of the award winning DOMINO by SIM2 DLP™ based projection display but with a new cabinet color: a stylish Matte Silver finish.

DCDi™
by FAROUDJA



A name you can trust.

SIM2 Multimedia is a world-leading manufacturer with more than 10 years experience in cutting edge technology. Recognized worldwide for their innovation and excellence, SIM2 is dedicated to bringing a cinema-quality picture into your home. You can be confident that a SIM2 projector is the right choice for style, color and picture clarity.

Picture perfect



Digital Light Processing is the cinema standard to project film & video and is based on the DMD™ developed by Texas Instruments.

DLP™ technology delivers bright, crisp and precise image clarity with superior resolution and color rendition.

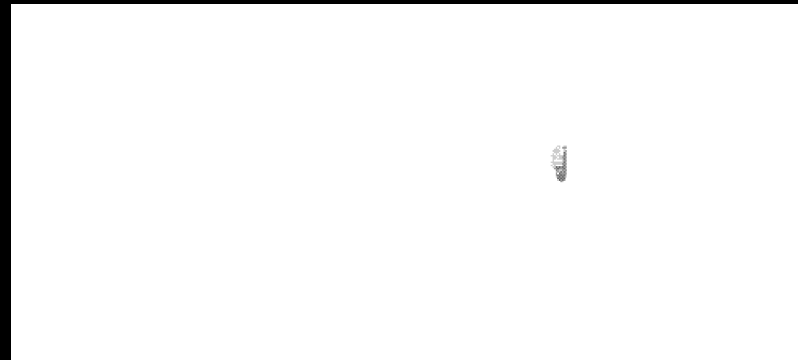
How it works

A DMD can be described simply as a semiconductor light switch. Thousands of tiny, square, 13 x 13µm mirrors, fabricated on hinges atop a static random access memory (SRAM) make up a DMD. Each mirror is capable of switching a pixel of light. The hinges allow the mirrors to tilt between two states: "on" or "off".



Technical features

DOMINO 30H
DOMINO 20H
DOMINO 18



	DOMINO 30H	DOMINO 20H	DOMINO 18
LIGHT ENGINE			
DLP type: Proprietary sealed optical engine based on 1-chip DMD	HD2+	ED2	ED2
Resolution:	1280x720 pixels	1024x576 pixels	1024x576 pixels
Lens: High quality, high resolution optics with both motorized zoom and focus adjustments	•	•	•
Throw ratio (16:9 mode):	1.8 - 2.4:1	2.2 - 3.1:1	2.2 - 3.1:1
Lamp power consumption & life time: 120W, 6000 hours*	•	•	•
INSTALLATION			
Lens shift:	+/-8°	+/-10°	+/-10°
Digital keystone adjustment	+/-18° V., +/-12° H.	+/-18° V., +/-10° H.	+/-18° V., +/-10° H.
Picture size (inches diagonal):	50-250	50-250	50-250
Aspect Ratio: 4:3, 16:9, anamorphic, letterbox, panoramic, pixel to pixel + 3 custom-user adjustments	•	•	•

	DOMINO 30H	DOMINO 20H	DOMINO 18
ELECTRONICS			
Horizontal&vertical scan freq.:	15-80 KHz/48-100 Hz (freq. max H = UXGA 60 Hz.)		
Video standards (automatically selected):	PAL B, G, H, I, M, N, 60, SECAM, NTSC 3.58 & 4.43		
HDTV ATSC standards and graphic resolution:	480p, 1080i, 720p, 1080p; VGA, SVGA, XGA, SXGA, UXGA, WXGA		
DCDi™ by Faroudja	FLI2310	FLI2310	FLI2310
Contrast ratio (Full On/Full Off):	>2800:1	>2000:1	>1800:1
Color temperature: 3 preset color temperatures selectable by OSD + 1 user adjustment with separate adjustments for high and low light	•	•	•
INPUT/OUTPUTS			
1 x Composite video (RCA)	•	•	•
1 x S -VHS (mini Din 4 pin)	•	•	•
1 x RGBHV (Dsub 15 pin - PC input)	•	•	•
1 x RGBS/YCrCbS (4xRCA)	•	•	•
1 x RS232 (Dsub 9 pins)	•	•	•
1 x HDMI™-HDCP	•	•	-
1 x optical S/PDIF audio output from HDMI™	•	•	-
1 x DVI+HDCP via DVI-HDMI™	•	•	-
2 x OUT 12 V 100 mA (Jack)	•	•	1 x OUT

	DOMINO 30H	DOMINO 20H	DOMINO 18
GENERAL SPECIFICATIONS			
Control: control software upgradable via RS232 serial interface	•	•	•
Power consumption:180W max	•	•	•
Mains Voltage range & frequency: 100-240 Vac +/-10%, 48/62 Hz	•	•	•
Weight: 5 Kg. (11 lbs)	•	•	•
Cabinet dimensions (WxHxD):	352x174x318mm (13.9"x6.85"x12.5")		

CERTIFICATIONS			
Safety – in compliance with EN 60950/UL60950	•	•	•
Emission – in compliance with EN 55022 class	•	•	•
B/150 KHz – 30 MHz	•	•	•
Recyclable packaging	•	•	•

SUPPLIED ACCESSORIES			
AC power cords (EU,UK, and USA) length 2m (6.5 ft)	•	•	1 (either EU or UK)
User standard remote control with batteries	•	•	•
Installation and user manual	•	•	•

(*) Lamp life: the hours have been calculated under strict test conditions. Misuse or improper conditions may alter it.