



KEY FEATURES

- 3 x 0,95" 1080p DLP® DarkChip3™
- Full HD 1920x1080 pixels
- High brightness 7500 ANSI lm for big Screen over 15mts (49 ft) in cinemascope
- Full Digital and professional Inputs: DVI or HDMI™, HD-SDI and Ethernet control connection
- Greater freedom in professional picture adjustment through: P7 Wide color gamut compatible with REC709
- High Bit rate video processing (10 bit per color)
- Motorized Zoom /Focus plus Horizontal/ Vertical shift with memo position
- Easy Cinema Software
- Dual Lamp Management for higher brightness, perfect sreen size match, more durability and 24/7 applications
- Flawless proprietary Fiber Optic connection to remote interface (Pro5DL HOST only)
- Installation flexibility and professional reliability

PRO5DL HOST

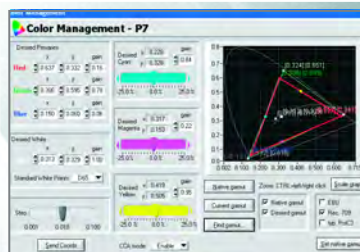
Full High Definition High Brightness Projector

The PRO5DL HOST, the latest addition to SIM2's front projection professional range, takes a modular theme for its design, by dividing the projector into its two major constituent parts: the projector itself and the processing electronics. This design approach not only allows for one simple connection between the units, but also eliminates the detrimental signal losses suffered when using long cable runs from the source components in a system.

The HOST concept (High-definition Optical Signal Transfer) is the high-integrity fiber-optic connection method used between the projector and HOST video input processing unit. This simple single connection can be run to distances of up to 250m (820ft), whilst maintaining total signal integrity. The HOST module can be sited with the source components, keeping their cable lengths (and picture quality losses) to a minimum. The HOST module's on-board readout displays all vital system information at the touch of a button.

Incorporating the latest generation of 3-chip DLP® technology SIM2's PRO5DL projection system provides images of exceptional brightness, maximum resolution, color depth and a native contrast ratio of >2500:1 for deep blacks and dynamic image, without Iris or lens shutters. In fact, this 3-Chip DLP® is considered the pinnacle of digital projection and it is this technology which is the basis of the PRO5DL. Three 0.95" DarkChip3™ DMDs are utilized in this design to produce a resolution of 1920x1080 pixels (1080p) in order to achieve crystal-clear, uncompressed HD images. With its state-of-the-art Sim2 optical engine and for optimum performance, this professional projector uses customized optical components, lenses and prisms. Latest 10-bit per color video processing reproduces images flawlessly and a dual lamp system assures durability and brightness for professional and 24/7 applications.

The new SIM2 EASYCINEMA dedicated professional Software provides a perfect colorimetry calibration order to set performances at the highest possible level.



EASY CINEMA SOFTWARE

- Projector full remote control.
- Connection management
- P7 color management
- Customizable white point.

PRO5DL HOST: Technical features

LIGHT ENGINE

Technology: 3 chip DMD 0,95" 1080p DarkChip3™

Resolution: 1920 x 1080 pixels

Brightness: 7500 ANSI lumen

Contrast ratio: >2500:1 "full on/full off"

Lens: High quality, high resolution optics with both motorized zoom and focus adjustm. & motorized horizontal/vertical shift
Lamp power & life time*: 300W (x2) (dimmbable to 250W), 3000 hours* eco mode

LENS OPTIONS

Lens Type L0 (Optional): Throw ratio 0.67:1 (Fixed wide angle)
- Throw distance 1.1-3.2 mt

Lens Type L1 (Optional): Throw ratio 1.12:1 (Fixed wide angle)
- Throw distance 3-15 mt

Lens type L2 (Optional): Throw ratio 1.39 - 1.87:1 Throw distance 4-24 mt

Lens type L3 (Optional): Throw ratio 1.87 - 2.56:1 Throw distance 4-24 mt

Lens type L4 STANDARD: Throw ratio 2.56 - 4.16:1 - Throw distance 9,1-45 mt

Lens type L5 (Optional): Throw ratio 4.16 - 6.96:1 Throw distance 12-80 mt

INSTALLATION

Lens shift: V +/-70% , H +/-15% motorised (not for FWA lenses L0 and L1)

Digital keystone adjustment: V+/-22°

Picture size up to 15mts (49ft) in cinemascope

Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

ELECTRONICS

Horiz. & vert. scan freq.: 15-120kHz/48-100Hz + 24Hz SDTV: PAL (B,G,H,I,M,N,60); SECAM; NTSC automatically selected.

Video modes:

- Interlaced: 576i & 1080i @25Hz, 480i & 1080i @30Hz

- Progressive: 720p e 1080p @23,98/24/25/29,97 Hz; 576p, 720p e 1080p @ 50 Hz; 480p 720p & 1080p @60 Hz.

PC/Mac: from VGA to UXGA @ 65Hz*

Video processor: built in, full 10 bit.

Video delay: maximum processing delay 4 frames

Special video adjust.: Temporal & Spatial Noise Reduction.

Other special adjustments: Memories/Overscan, Live Colors Management (LCM) and Gamma Functions

INPUTS/OUTPUTS

2 x Composite Video (RCA)

2 x S-Video (mini Din 4 pin)

2 x Graphic RGBSVH (VGA-UXGA) (D-sub 15 pin)

3 x Component - Analog Y/Pb/PrT/RGBs (RCA)

1 x RGBHV progressive analog (BNC)

1 x RS232 (D-sub 9 pin)

1 x USB 1.1 (2.0 compatible)

1 x Ethernet (RJ45)

1 x HD-SDI (BNC)

1 x DVI (1x DVI-D-no HDCP)

6 x HDMI – HDCP (HDMI)

Link fiber optic (LCx 3)

1 x 12V 100mA jack

1 x 12V 100mA jack for 4:3/16:9 aspect ratio



GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface USB & LAN

Mains voltage range: 100-240Vac ±10% (48/62Hz)

Power consumption: approx. 700W

Weight: approx. 55 Kg (121 lbs) including lens

Dimensions (WxHxD): 570x260x730mm

(22.4"x10.24"x28.7")

CERTIFICATIONS

Safety: in compliance with EN 60950/UL60950

Emission: in compliance with EN 55022

Immunity: in compliance with EN 55024

SUPPLIED ACCESSORIES

Installation & User Manual; AC power cords (EU, UK & USA) 2m (6.6 ft);

Remote control and batteries

EasyCinema Software

OPTIONAL ACCESSORIES

- Ceiling brackets

- Stacking System: Kit Stack Pro for dual projection stack (see left picture)



(*) 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.
(**) in accordance with the list of implemented graphic modes.



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