

Grand Cinema C3X-E

Immerse yourself in total entertainment bliss



SIM2's Grand Cinema™ C3X-E is a premium-quality 3-chip DLP® projector that offers a compact, high-performance lifestyle video solution for discerning home theatre consumers.

C3X-E features SIM2's patented ALPHAPATH™ 3-chip light engine and three HD2+ DarkChip3™ DLP chipsets, enabling C3X-E to produce images of outstanding clarity. No other technology can match the superb color depth, excellent contrast ratio (>6800:1 typical) and exceptional brightness that C3X-E delivers.

Key Features

- **COMPACT 3-chip DLP®-based Light Engine by SIM2**
- **3x 720p DMD chip (resolution 1280x720 pixels)**
- **10 Bit video processing**
- **Compatible with Full HD ^(*)**
- **Extraordinarily vibrant colours and true blacks**
- **Excellent contrast ratio: 6800:1 typical**
- **New 250W dimmable lamp for extra bright images**
- **SIM2's Live Colour Management and Gamma correction**
- **Full Digital inputs, including 2 HDMI™ (HDMI-HDCP compatible)**
- **Choice of 2 HD Lenses**
- **Aggressive cabinet design**

C3X-E utilises true 10-bit video processing (with high-definition scaling and de-interlacing capabilities) to create the highest quality video images.

10-bits-per-channel processing produces 1024 shades of gray (or shades of a single color): the result is the ability to render over 1 billion colors on-screen, whilst also making the projector compatible with Full HD (1080p) content.

SIM2's new Live Color Management™ software enables complete control over the color temperature of the image, via user-defined adjustments (corresponding to specific white points on the CIE chart), that allows accurate greyscale tracking. The image can be further optimized by using one of the nine sets of gamma curves available, these can be used to correct for variations in the source material, or differing levels of ambient lighting, or simply to allow for individual viewing preferences.

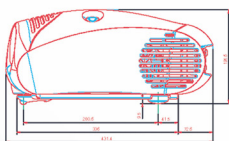
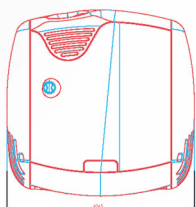
For ease of installation, a choice of two lens options are available for C3X-E - T1 (short-throw) 1.5-2.0:1 and T2 (long-throw) 2.0-3.0:1, which, with the addition of vertical lens shift, allow for greater flexibility in the positioning of the projector.

Grand Cinema™ C3X-E is elegance personified - a true Italian masterpiece. Available in high-gloss Silver Gray.



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Technical specifications



LIGHT ENGINE

DLP® Type: 3 Chip DMDs HD2+ DC3

Resolution: 1280x720 pixels

Lens: High quality, high resolution improved optics for higher contrast and better black level with both motorized zoom and focus adj.

Lamps power consumption: 250W dimmable

Brightness: 2500 Lumens typ.

INSTALLATION

Throw ratio: 2,0-3,0:1 (standard lens - type T2) or 1,5-2,0:1 (type T1 – on request)

Lens shift: half up picture =+50%

Digital keystone adjustment

Picture size (inches diagonal): 50-300

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

ELECTRONICS

Horizontal & vertical scan freq.: 15-80kHz/48-100Hz

SDTV: PAL (B,G,H,I,M,N,60); SECAM; NTSC automatically selected

HDTV: ATSC (480p, 720p, 1080i, 1080p*); 576p + 1080i 50Hz

PC graphic standard: VGA, SVGA, XGA, SXGA, UXGA @ 65Hz

10 bit On Board Video Processing

Contrast ratio (Full ON/ Full OFF): >6800:1

INPUTS/OUTPUTS

1 x S-Video (mini DIN 4 pins)

1 x Composite Video (RCA)

1 x RGBS-YCrCb (4 RCA)

1 x RGBHV (D-Sub 15 pin)

2 x HDMI™-HDCP compliant

1 x OUT Digital Audio (Toslink)

1 x USB connector

1 x RS232 (D-Sub 9 pin)

1 x 12 V 100 mA (via jack)

1 x Input External IR sensor

GENERAL SPECIFICATIONS

Software control: upgradable via RS232, serial interface or USB

Weight: 11 Kg. or 24.3 lbs

Dimensions (WxHxD): 435x190x430 mm (17.2"x7.5"x16.9")

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

SUPPLIED ACCESSORIES

Installation and User Manual;

AC power cords (2m - 6.6 ft);

Backlit remote control and batteries

(*) This unit is not a 1080p projector, however it does handle full HD content.

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Due to constant product development, specifications and design might be subject to change without notice. C3XE - May 2007

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