

# RTX55 TV display

## Picture perfect



### key points

- ⌘ **HD2+ DMD chip by Texas Instruments**
- ⌘ **1280x720 pixels resolution**
- ⌘ **55" screen dimension**
- ⌘ **Proprietary Fresnel lens and cabinet design**
- ⌘ **True contrast ratio >2000:1**
- ⌘ **Proprietary sealed engine**
- ⌘ **Built-in tuner (100 channels)**
- ⌘ **2x40W high quality front speakers**
- ⌘ **Internal amplifier up to 90W RSM at front/central channel input**
- ⌘ **Silent 6-segment colour wheel**
- ⌘ **Wide choice of inputs**
- ⌘ **Faroudja DCDi™ de-interlacing and 3:2 pull down**
- ⌘ **Reduced depth**
- ⌘ **Elegant design and prestigious materials**



After the success of its Grand Cinema RTX predecessors, SIM2 has designed for the discerning home theatre enthusiast the RTX55 TV display device.

The RTX55 TV display offers the same outstanding image quality of the RTX series, but has no need for the added functionality that the DigiOptic™ Image Processor and the associated fibre optic lead has to offer. It utilises the same advanced light engine and high quality optics that, coupled with two powerful loudspeakers (built-in) and TV tuner, allow the RTX55 TV to deliver a truly-undeniable cinematic experience.

If you're a film fan, sports enthusiast, games console addict, want to surf the Net or simply watch the Soaps the new RTX55 TV will display these in glorious colour and definition thanks to SIM2's unique technological solutions and DLP™ technology from Texas Instruments. Based on HD2+ DMD chip (1280x720 pixels), the RTX55 TV delivers native support for 720 p, as well as a 16:9 aspect ratio for true high definition capability, and a contrast ratio of >2000:1.

As always, SIM2 has left nothing to chance, designing a customised sound system for this hi-end TV display. In fact, the SIM2 DLP™ Projection TV has two built-in, high quality front speakers (L/R or Centre channel), and a 40-Watt sound system for a more lifelike sound and clearer dialog.

SIM2's RTX55 TV is multimedia-ready. It provides multiple sets of inputs and outputs to offer you maximum flexibility to expand your home theatre. They can handle your PC, DVD, game console, HDTV receiver, satellite dish, camcorder and more. Plug-and-play has never been easier.

The RTX55 TV is available in 55" screen size and Silver Gray cabinet colour.

Grand Cinema



# Technical Specifications



## LIGHT ENGINE

- DLP™ type: 1 chip DMD (HD2+)
- Resolution: 1280 x 720 pixels
- Lens: High quality, high resolution optics
- Lamp power & life time\*: 120W 6000 hours

## INSTALLATION

- Picture size (inches diagonal): 55
- Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, Pixel to Pixel + 2 custom user adjustments

## ELECTRONICS

- Horizontal & vertical scan freq.: 15-80kHz/48-100Hz (freq. Max H = UXGA 60Hz)
- Video signals compatibility: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3,58; NTSC 4,43 automatically selected
- HDTV: ATSC (480p, 720p, 1080i, 1080p); 576p PC graphic standard: VGA, SVGA, XGA, SXGA, UXGA (1600x1200 60Hz)
- DCDi™ by Faroudja: FLI2310
- Contrast ratio (Full ON/ Full OFF): >2000:1
- Colour temperature: 3 preset Colour temperatures selectable by OSD+ 1 user adjustment acting directly on each Colour (RGB)

## INPUTS/OUTPUTS

1 x Aerial 75 Ohm

SCART 1: 1 x Composite Video or 1 x RGB +

Audio L/R

SCART 2: 1 x Composite Video + Audio L/R

3 x Audio L/R (RCA)

1 x Audio L/R amplified (90W max)

1 x Composite Video (RCA)

1 x S-Video (mini Din 4 pin)

1 x RGBHV (D-Sub 15 pin)

1 x Audio L/R (RCA) - Output

1 x subwoofer (RCA)

1 x RS232 (D-Sub 9 pin) for software upgrade

## GENERAL SPECIFICATIONS

- Software control: upgradable via RS232 serial interface
- Power consumption: 200W max
- Mains voltage range: 230Vac ±10% (48/62Hz)
- Weight: 105Kg
- Dimensions (WxHxD): 1495x1218x421mm

## SUPPLIED ACCESSORIES

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

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