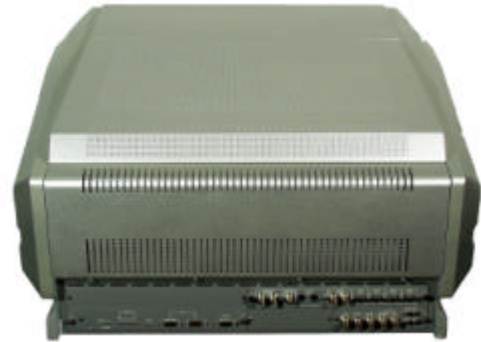


## Remanufactured 8 inch CRT projector



### Description

The **RE8000** from **SPATZ** is a full overhauled and remanufactured 8 inch tube projector with outstanding technical features and a great performance. It is one of the very few projectors that can resolve even HDTV in full resolution while maintaining deepest black levels that are unachieved by any digital projection technology.

A **RE8000** will easily outperform a standard cinema picture. With an average life span of over 15.000 hours for the tubes it is the far most economic projection technology you can buy.

### TECHNOLOGY

The **RE8000** has elektromagnetic focus adjustments in 5 zones for each color. The variable easy to set Scheimpflug correction maintains superior focus over the whole screen whatever setup you have choosen. The HD8 lenses will provide a large variety of image sizes from 100 – 590 cm screen width.

The maximum resolution the projector can handle is 1350 x 1100 ANSI Pixel, with a maximum input horizontal frequency of up to 130kHz.

The **RE8000** is one of the very few machines that will even scan to to lineaquadrupling with 100/120 Hz. The average brightness is 220 ANSI with up to 1200 ANSI Peak lumens. That equals a D-ILA G15 with 1500 ANSI and every **RE8000** easily outperforms any single chip DLP-projector in brightness when setup for the same color balance and black level.

### Operation

The **RE8000** is shipped with the original powerful Infrared remote that can be learned from a PRONTO. Every parameter of the projector is controlled through the remote. The settings are accessilbe through an easy on screen menu with 45 zones for the convergence adjustments.

The **RE8000** even offers green convergence for double stack operation or fine tuning of the geometry. Black and white level are adjustable for all colors. 10 memories can hold individual settings including aspect ratios.

### Integration

The machine has 1 RGB input that requires a scaler or progressive source. Although the unit will sync to interlaced sources it is not recommendet because of the very visible scan lines.

Synchronisation is supported for RGsB, RGS and RGBHV.

The **RE8000** offers all 4 possible setups of screen orientation with no hardware changes to be made.

### Modifications to the original unit

The **RE8000** is based on the MARQUEE8000 of Electrohome and goes through a number of modifications performed by **SPATZ** that are necessary for home theater use.

The unit will have new so called remanufactured tubes that are overhauled using the original Panasonic cathode gun with a new phosphor coating.

Only the front glass assembly is reused. The noise mod reduces the overall sound pressure level to 34dB in 1 m distance which is lower than anything else.

### Durability

The **RE8000** was designed to be used in professional installations 24 hours a day and is probably the most reliable projector ever built. The design has been almost unaltered since the indroduction in 1993 and the unit is still in production offered by Video Display.

Replacement parts are no issue as SPATZ is stocking a large number of them and offers a full year warranty on the unit. The tubes will at least last from 10.000 to 15.000 hours creating no cost changing lamps or replacing LC-panels or DMD chips. They never show pixel defects and will maintain a perfect color balance for the time being used.

CRT technology is still the closest to the cinema experience and as both are analog in nature it is most unlikely that a digital projector can ever come close.

The digital projectors using lamps have several problems wth flickering bulbs, burned LC-panels and most annoying must be cleaned very often because of dust in the optical path.

There limited geometry adjustments do not allow an easy change of aspect ratio and image size so on a daily use basis a CRT is offering everything you need.

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**Technical specifications**

Type	RE 8000 CRT projector with EMF, used, new remanufactured tubes
max. resolution	1350 x 1100 ANSI Pixel
Horizontal deflection	15-130 kHz
Vertical deflection	38-180 Hz
Tubes	Panasonic 8 inch with EMF
White balance	Red, Green, Blue independently
Black balance	Red, Green, Blue independently
Memories	10 user memories for individual settings including aspect ratios and convergence.
Image and screen	
Aspect ratios	ALL !
Average life span of the tubes in home theater use	approx. 15.000 hours
Video bandwidth	100 MHz, -3dB
Keystone correction	+/- 15%
screen width	100 – 590 cm
Lenses	Hybrid Lenses HD8 Rev.B, F1.1
Built in patterns	White, Grey bars, Cross hatch, points

**VIDEO Input**

Input 1	RGB, RGsB, RGBHV, VGA (640 x 480) - UXGA (1600 x 1200)
Power	90 V - 230VAC max. 650 VA
Dimensions	715 mm x 432 mm x 813 mm, (W x H x D)
Weight	66 kg
Shipping	Manual, Infrared Remote
Color	silver or black
Warranty	1 year from date of purchase