EMS Spectron Video Synthesizer

The EMS Colour Video Synthesizer is a completely unique and revolutionary development in video hardware. The Spectron is an instrument capable of creating exciting graphic image on an ordinary television screen. It can be used to process and manipulate images fed to it from a TV camera or VTR, or to create dramatic and evocative abstract images without the need for an external signal source.



The Spectron Video Synthesizer is similar to the now familiar audio synthesizer. It incorporates a number of separate functions which can be selected and combined by the user by means of patch boards on the front face panel. The number of possible combinations is virtually infinite, allowing an unlimited variety of images, colours and patterns to be produced. Two specially-prepared DVDs are presented showcasing the capabilities and functions of the Spectron along with technical information and a rich source of visual references. Along with the many examples of Spectron-generated video graphics are picture galleries, information on Richard Monkhouse (the Spectron's electronics designer and engineer), the article the Moving Art of Video Graphics, and information on video synthesis as an evolutionary phenomenon.

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A selected variety of examples has been chosen to portray the unique capabilities of the Spectron video synthesizer. All examples have been re-mastered and prepared in wide-screen format with additional sound as required.

DISC₁ **RM Spectron Demonstrations**

Mother Earth by Zorch Le Entrapercu by Robert Cahen **Lucifer Photophore Quad Display Labyrinthe Fluides with Information Text**

Variations Video I – Jacques Guyonnet **Horizontales Couleurs – Robert Cahen**

Artmatique – Robert Cahen

Art Electronique

Telex - Twist a St. Tropez DISC 2

Tangerine Dream Richocet Excerpt Todd Rundgren - All The Children Sing Plastic Bertrand – Ca Plane Pour Moi **Indefinite Objects Quad Display** Sans Soleil Film Spectron Excerpts **EMS Spectron Logic Demonstrations**

Indefinite Objects NVC



Technical Information Picture Gallery

Richard Monkhouse & the EMS Spectron

The Moving Art of Video Graphics

Spectron Grammar

Video Synthesis Directions

DVD videos for personal reference material only.













