
PUTNEY, MODEL VCS 3, 1968.


Eric Siegel, 1971, from a video tape made at the Howard Wise Gallery, New York City.


Eric Siegel's DUAL COLORIZER, 1972.


Glen Southworth, inventor and founder of CVI/Colorado Video, Inc. Self Portrait with first experiments on direct CRT copying with original XEROX color machine. Courtesy of Glen Southworth.


(? Shuya Abe, ca. 19 , from a video tape made .)

Nam June Paik and Shuya Abe's PAIK/ABE SYNTHESIZER & SCAN MODULATOR, 1971. Collection of the Experimental Television Center, Ltd. & The State University of New York, Binghamton.

Nam June Paik and Shuya Abe's PAIK/ABE SYNTHESIZER SCAN MODULATOR component, ca. 1971. Collection of the Experimental Television Center, Ltd. & The State University of New York, Binghamton.


Dan Sandin with the IP (IMAGE PROCESSOR), 1972, Chicago. Courtesy of Phil Morton.

Dan Sandin's IP in studio with other instruments. Courtesy of Phil Morton.


(? Bill Etra, ca. 19 , from a video tape made

(? Steve Rutt, ca. 19 , ?

Left to right - Kit Galloway, Dave Jones, Jack Henry Morre, founders of VIDEOHEADS, at the Melk Weg, Amsterdam, 1972. Courtesy of Dave Jones.


Don McArthur (right) and Woody Vasulka (left), 1976, Buffalo, New York. Photo: Steina Vasulka.

Don McArthur (middle) and Woody Vasulka (left) and Lou James (right), 1976, Buffalo, New York. Photo: Steina Vasulka.


(? Woody - Don McArthur and Jeff Schier's DIGITAL IMAGE GENERATOR. Collection of the Vasulkas, Santa Fe, New Mexico.)

(Assorted illustrations)
Conference on Electronic Art Tools, 1977, at the State University of New York (SUNY), Buffalo. First row - Wendy Clark, Jean-Pierre Boyer; second row - Taka Imura, Woody Vasulka, Nam June Paik, Dr. Gerald O'Grady; third row - Bill Viola, Ed Emshwiller, Kit Galloway, Steina Vasulka; standing - Walter Wright.

Nam June Paik and Shuya Abe's SCAN MODULATOR, ca. 1971. Right-wave form input; left - output on monitor. Collection of the Experimental Television Center, Ltd. & The State University of New York, Binghamton. Photo: Susan Rothstein.


Left to right - unidentified, unidentified, Jack Henry Moore, Kit Galloway, Dave Jones, unidentified, VIDEOHEADS, at the Melk Weg, Amsterdam, 1972. Courtesy of Dave Jones.
Early Electronic Audio/Video Personal Instruments
(Listed chronologically)

Following are a list of early "personal" electronic audio & video instruments used by artists and researched for this exhibition. Even though it is recent history, the whereabouts of a number of these machines is unknown, and we can only document their existence from ephemera - images on paper, in photographs, and on video tapes. This ARS ELECTRONICA exhibition at the Landesmuseum - Francisco Carolinum will include those machines that have been dusted off and restored to life. This list is not meant to be comprehensive, it is archaeological. During our research we found leads to many other instruments that we hope can also be revived - before it is too late.

Experimental

Video Feed Back w/Audio Input Modulation Interactive Installation
Ubiquitous

- 1962 Lee Harrison
  Associates
ANIMAC (Hybrid graphic animation computer)
Destroyed, documented on film

1964 Don Buchla
BUCHLA PRE-100 SERIES (Audio Synthesizer)
Collection of Michael Czajkowsky, New York City

1968 Eric Siegel
IMAGE ORTHICON T.V CAMERA (Prepared camera)
Courtesy of Vinnie Novak
On loan to the Experimental Television Center, Ltd. & The State University of New York, Binghamton
Collection of Eric Siegel

1968 Eric Siegel
PROCESSING CHROMINANCE SYNTHESIZER (Analog)
Whereabouts unknown, no known documentation

1968 - 1969 Robert Moog
MOOG MODULAR AUDIO SYNTHESIZER
Courtesy of Norman Lowrey, Professor of Music
Collection of Drew University, Madison New Jersey
Donated by CBS (Columbia Broadcasting System)
1970
Glen Southworth
CVI (COLORADO VIDEO INC) QUANTIZER (Colorizer) &
CVI DATA CAMERA (Camera scan processor)
Collection of the Experimental Television Center,
Ltd. & The State University of New York,
Binghamton

1971
Nam June Paik & Shua Abe
PAIK/ABE SYNTHESIZER (Keyer & colorizer)
& SCAN MODULATOR (a.k.a. as the "Wobbulator")
Collection of the Experimental Television Center,
Ltd. & The State University of New York,
Binghamton

1971
George Brown
VIDEO SEQUENCER (a.k.a. FIELD FLIP/FLOP
SWITCHER, with digital control)
Collection of the Vasulkas, Santa Fe, New Mexico

1971
Dan Sandin
IP (Analog IMAGE PROCESSOR)
Collection of Phil Morton, West Yellowstone,
Montana

1972
Eric Siegel
DUAL COLORIZER (Analog)
Collection of the Vasulkas, Santa Fe, New Mexico

CIRCA 1972
Steve Rutt &
Bill Etra
SCAN PROCESSOR PROTOTYPE (Analog)
Collection of the Experimental Television Center,
Ltd. & The State University of New York,
Binghamton
Donated by Barbara Buckner

1973
Don Hallock
VIDEOLA INSTALLATION, SAN FRANCISCO
Destroyed, documented in photographs

1973
George Brown
MULTIKEYER (Analog with digital control)
Collection of the Vasulkas, Santa Fe, New Mexico
1973
Bill Etra & Rutt/ETRA SCAN PROCESSOR (Analog)
Steve Rutt
Collection of the Experimental Television Center, Ltd. & The State University of New York, Binghamton

1973
Stephen Beck VIDEO OUTLINER (Digital)
Collection of the Vasulkas, Santa Fe, New Mexico

1974
David Behrman CLOUD MUSIC INSTALLATION (Hybrid audio/video instrument)
& Bob Diamond
& Robert Watts
Courtesy of Sara Seagull & Larry Miller, Robert Watts Studio Archives
Collection of David Behrman, Bob Diamond & Estate of Estate of Robert Watts

1974
Stephen Beck BECK DIGITAL VIDEO WEAVER (Synthesizer)
Collection of Stephen Beck, San Francisco

1976
David Jones JONES FRAME BUFFER (Digital buffer)
Collection of Gary Hill, Seattle, Washington

1976
Don McArthur SAID (SPATIAL AND INTENSITY DIGITIZER)
Collection of the Experimental Television Center, Ltd. & The State University of New York, Binghamton

1976
Don McArthur & Jeffy Schier DIGITAL IMAGE GENERATOR
Collection of the Vasulkas, Santa Fe, New Mexico

Date Unknown
Marcel Dupouy LE MOVICOLOR (Colorizer)
Courtesy of Don Foresta
Collection of Ecole de Beaux Artes Decoratif, Paris