

New School presents

DDX-M

NAM JUNE PAIK

1965

cybernetics (Art) ? Music dt

n=1965

I Electronic TV + Color TV Experiments

II 3 Robots

III Pop Sonata

IV 2 Zen Boxes + 1 Zen Can

CHARLOTTE MOORMAN, cellorina

Performers:

Frank Wigglesworth
Malcolm Goldstein

• Carol Berge
Philip Comer
Loveko A* J*
David Behman
George Pappanikolaou
Chieko Shiomi
Dick Higgins
Peter Moore

Technicians:

Sho-ji Abe, chief
Hideo Uchida
Kuyta Saito

NEW SCHOOL
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ELECTRONIC TV & COLOR TV EXPERIMENT by NAM JUNE PAIK

In my two previous essays on this subject (Decollage No. 4 and Fluxus Newspaper No. 3), I treated the aesthetic aspects of the electronic TV experiments and its relation to electronic music. This essay will be mainly a technical report.

I COLOR TV EXPERIMENT

- A Three taperecorders are added to the convergence-circuit, so that convergence-circuit is modulated over the waves from the taperecorders...Any black & white image gets random picture. (Point A.B.C. at circuit diagram)
- B Three TV cameras are fed to each Kathode of red, green, blue electro-guns of the color picture tube, so that one shadow mask picture tube shows three different images of three colors at one time. The brightness of the three images is controlled by the amplitude of three taperecorders at the reversed phase. (Point E.F.G.)

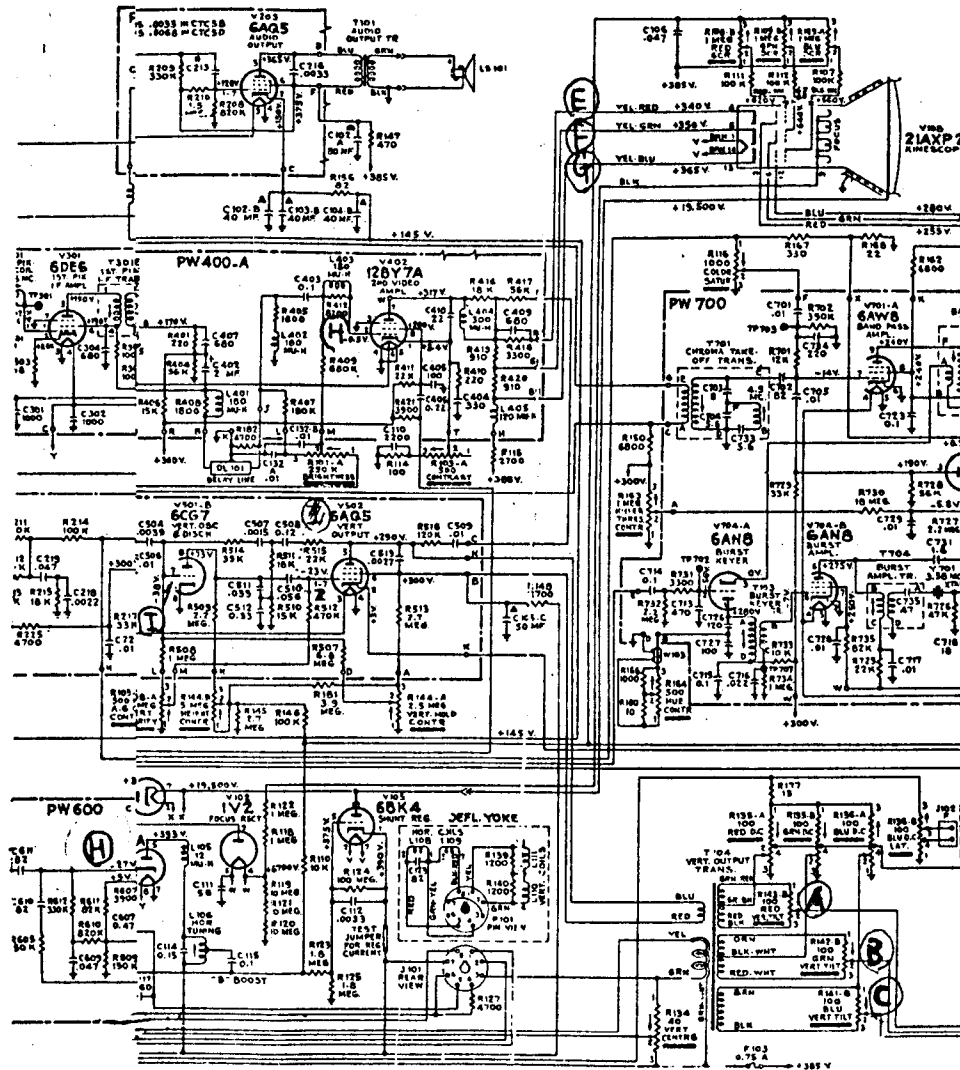
II BLACK & WHITE TV EXPERIMENTS

- A The picture is changeable in three ways with hand switches. Upside-Down; Right-Left; Positive-Negative.
- B The screen can become larger and smaller in vertical and horizontal dimensions separately according to the amplitude of the tape-recorder.
- C Horizontal & vertical deflection of normal TV is changed into the spiral-deflection. Any normal square image is varied into a fan-form. (Special Yoke-oscillator-amplifier is made for it.)
- D A TV screen (negative) in match-box size.
- E TV picture is "disturbed" by strong demagnetizer, whose place and rhythm give rich variety.

These experiments were made in Tokyo in 1963-64 with technical help of Mr. SHUYA ABE & Mr. HIDEO UCHIDA, whose ability and creativity I cannot emphasize too much. My cooperation with these top engineers broadened and changed my Lebensanschauung.

III The following is a recapitulation of my first show in Galerie Parnass in March, 1963, Wuppertal, Germany.

- A A relay is intercepted at the grid of Video-output tube so that picture is visible only when the relay is connected. (Point H on circuit) It is controlled by the amplitude of the radio or tape-recorder.
- B A relay is intercepted at the A/C 110 volt input and fed by a 25 watt amplifier without rectifier. Unsymmetrical sparks are seen on screen.
- C 10 meg ohm resistor is intercepted at the grid of the vertical output tube and then the waves from the generator are fed here, so that both waves interfere and modulate with each other. (Point I)
- D The waves from the taperecorder are fed to the horizontal output tube's grid, so that horizontal lines are warped according to the taperecorder's frequency and amplitude. (Point J)
- E The vertical output tube is cut out; you see only one straight line.



Professor K. O. Goetz of the Kunstakademie in Duesseldorf, Germany has published since 1950 on the idea of feeding the Kathode of the TV picture tube with a computer. This idea has not been realized, because he could not get a computer and our largest computer is still too slow to send 4 million points in each one 50th second. Although this idea and my method is completely different, I want to pay due respect. Also, TV-decollage of W. Vostell (Smolin Gallery, N. Y. C., 1963) shows rich possibilities of combinations of TV and hetero-TV elements. ("Shoot the TV," "Bury the TV," "TV behind canvass," "TV blur" etc.) Knud Wiggen is--hopefully--working to establish an electronic TV studio in Stockholm. I hope for financial help from foundations for us all.

Thanks for technical facilities offered by FAHUS TV CORP, 525 Amsterdam Ave & BILL MILLER

THE NEW YORK TIMES
 "Some said that the great moment came when the guy stood on a chair, squirted... The beauty and originality of it... The imagination, yet simplicity; it caught you in the throat. It got you here." (Harold C. Schonberg, N. Y. C.)
REVIEWS
 "The young Korean musician Nam June Paik doused himself with shaving soap and took a tub bath fully dressed." (Rear, N. Y. C.)
N. Y. WORLD-TELEGRAM
 "...drank from his shoes, then ran off dripping to play a piano elsewhere in the room. Everybody liked it." (F. Prati, N. Y. C.)
THE VILLAGE VOICE
 "How much can it cost to change your mind? Paik changed his mind when his arms and violin were extended to the floor... At the moment he stepped aside, spoke briefly, possibly in a white fury, and if so smashed the violin out of a present need than fulfillment of a planned action. Pure Fluxus." (J. Johnston, N. Y. C.)

THE N. Y. WORLD-TELEGRAM
 "Strings starting noise... Robot appears from left slowly... a good six feet tall... kind of scenery build... his feet have wheels on them, like the roller skates... robot can't seem to make up mind whether to come on..."
THE NATION
 "...aims to play moonlight Sonata on the moon in 1970." (F. Somers, N. Y. C.)
DECOLLAGES
 "He pierced the universe with music... now he knows that the dragging of empty cans over asphalt is more valuable than the Ninth Symphony." (Jean-Pierre Wilhelm, Germany)
DEA SPIEGEL
 "...stripped down to his shorts, stuffed his face with combs, ketchup, three fresh eggs into the audience, and dissected a mannequin..." (Hamburg, Germany)

VISION
 "robot se le enciende una luz en la nariz, se inclina y camina alrededor cantando..." (Sassy Gustavus, South America)
VISION
 "historically latest sensation... Dadaism and expressionism is combined into the unknown..." (H. K. Metzger, Cologne, Germany)
KOELNER STADT ANZEIGER
 "An on-ward, dripping with blood, hung at the entrance to Parnass, the Korean artist-hann sacrificed various artistic discipline together in a home-made altar of visual-acoustic totality." (St. Bonk, Cologne, Germany)

THE VORWORT
 "direct action... musicalized destruction... attacking the enemy... music of nihilism..." (Kuniharu Akayan, Tokyo, Japan)
HELOS
 "Paik's concert fell like a bomb in Copenhagen." (Hamburg, Germany)
FRANKFURTER ALLEGENE
 "The most shocking things occur over a period of six minutes... collage, montage..." (Ernst Thomas, Germany)
FAHUS
 "...he said... 'my fifth wife is the third wife of the fourth husband of my third wife'..." (Germany)
OLLO PAPER
 "Stupid and talentless" (Norway)
EXPRESSEN
 "lag Aer. tungvikemestare i musik" (Beng of Kinnberg, Sweden)
DUTCH WEEKLY
 "Alle televisies waren op decollage uitdang afgeleid, maar het effect van afgeleid was totaal verschillend." (W. d. Rieder, Holla)