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**(Promo material from MPC COMMUNICATIONS INDUSTRIES, INC,
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WELCOME TO THE WORLD OF VIDEO SYNTHESIS!

Video synthesis opens the door to a vast New World of dynamic visuals serving functional and artful purposes. It yields major economies in time, labor and materials required for title, graphics and background animation. Already attracting much attention in commercial TV program and advertising fields, it dramatically expands the horizons of experimental video art.

It realizes the dreams of audiovisual producers for a quicker, more economical way to manipulate TV and film images without resorting to cell animation.

Emerging from the early principles of video image manipulation used for radar in the '40s, expanded in video flight simulators of the '50s and in experimental video art of the '60s, the RUTT/ETRA VIDEO SYNTHESIZER represents engineering and cost-saving breakthroughs bringing this incredible facility within the financial grasp of many video and film producers.

The basic RUTT/FTRA VIDEO SYNTHESIZER is designed to accommodate components and accessories for initial or subsequent installation to fit the user's budget and changing objectives.

RE-4-A Video Synthesizer -
DISPLAY CONTROL UNIT

Two separate sets of control varying image:

Height Reduces to thin line; expands inverted image beneath. Rotates horizontally.

Width varies and inverts. Rotates vertically.

Depth Advances and recedes.

Vertical Position Up-down on or off screen,

Horizontal Position R-L on or off screen.

Intensity Controls brightness.

Horizontal Center Moves image through preset patterns, ala words around theatre marquee.

Vertical Center Adjusts vertical axis.

Plus: ...SCAN RATE...switch, ...DISPLAY 0/90 degrees switch, rotating image 90 degrees , ... INT./EXT. SYNC

ANIMATION CONTROL MODULES

Summing Amplifier Combines functions.

Diode Module Divides waveforms & timing ramps.

Ramp Generator Automatic control of animation at preset speed and period of time.

Audio Interface Drives animation with audio, biofeedback or other external signals.

Waveform Generators Produces graphic forms for display or for reshaping and animating images. Controls frequency, waveshape, duty cycle, amplitude & Frequency modulation, sync.

DISPLAY UNIT (Type A)

Displays 525-line synthesized images.

RE-4-B Video Synthesizer

Similar to RE-4-A, but substitutes Type B DISPLAY (1050-line scan) yielding full NTSC resolution in rescanned image for two-inch hi-band videotape or direct telecast.

Manufactured by RUTT ELECTROPHYSICS

SEND FOR full details about RE systems, optional plug-in units and accessories

SOLE DISTRIBUTOR:
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