Supplies Standard Sync. Pulses
* Horizontal Drive * Composite Blanking
* Vertical Drive * Burst Flag
* Composite Sync * Subcarrier
* 4.75 μSec Square * 2.77 μSec Sine wave
Outputs will drive standard 75Ω load

Selects machine sync. from 1 of 2 sources
switches all 6 sync signals at once
controlled by digital pulse switch

Hard Edge Keyer
Superimposes image on top of another
Keying can be done with external (3GΩ) image

Controls:
* XA-gain * Pedestal Balance
* XB-gain * Output Pedestal
* Clip level * Key Normal / Key Reverse
* X Pot * on switch

Soft Edge Keyer
Superimposer but has an adjustment of how sharp
the edges are

Controls:
* XA-gain * Ped. Balance
* XB-gain * Output Ped.
* Clip level * Soft-to-Hard
0 Key on / off 0 filter on / off
Simple Colorizer

1 video input
Color determined by 2 control voltages
or joystick
also Gain & Pod controls

Color 2
Red, Green, & Blue inputs
" " & " gain pots
" " & Blue Pedestal
Luminance gain & Ped pot
Joystick color control B-Y, B-R-Y bias

Switcher & Displays
multiples of 8
busses, LED displays, Matrixes

Distribution Amp
6 Hi-Z inputs
each has 4 low Z outputs and a gain control
Output Amp
Gain & Ped controls
Sync, Reinsertion
black clip & white clip

Input Amp
Same as above but
without white clip

Rack
will hold modules
& distribute power & sync.

Control Panels
Custom remote control panels
of any size
D-A converter

20-A's with switch for 9, 8, 7, 6, 5, 4, 3, 2 bits, gain control.

A-D converter

Converts video image into digital information.

Time Base Corrector

Digital in

T.B.C.

Digital out

Gen lock

Video in
Sync. out

Digital Processing

ALU.
Typical Systems

- Eight inputs
- Color 2
- Sek
- OA.
- C.P.

G - switches
2 - Color 2
1 - Soft Keyer
1 - Output Amp
1 - Synch. Gen
1 - Control Panel