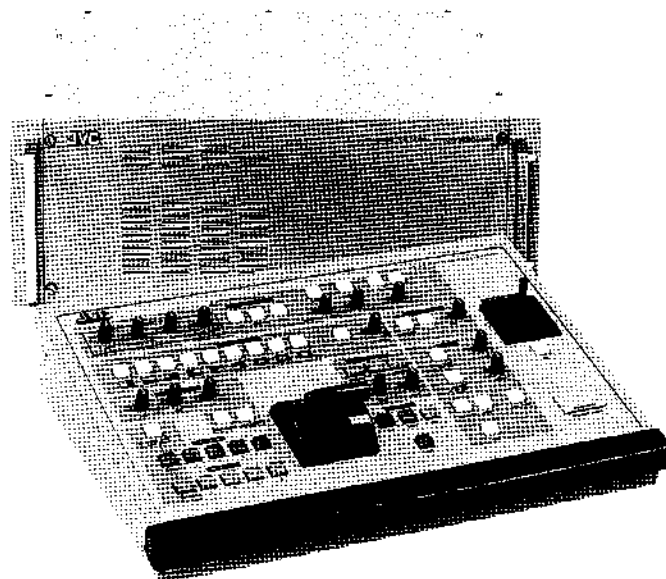


Y/C Digital Effects Generator

KM-D600E

- Digital effects (freeze, strobe, mosaic, slide, paint, negative and compression) with built-in dual channel TBC
- Y/C 443 and composite signals can be input
- Y; 8-bit, C; 8-bit 4:1:1 component process
- DOC and ADVANCED SYNC for VTR
- Built-in full-field colour bar generator
- Auto and manual transition
- Soft Wipe/Positioner wipe
- GPI control for connection with VTR controller
- Built-in RGB chroma key
- Built-in colour matte generator
- Fill video input terminal for DSK
- DSK masking function
- Y, C and black levels and hue can be preset



INPUT SIGNALS

Video inputs:	Y/C 443: 4 inputs, Y: 1.0 Vp-p (with Sync) 0.3 Vp-p (Burst level), 75 ohms (7-pin x 4) VBS: 4 inputs, 1.0 Vp-p, 75 ohms (BNC x 4)
Genlock inputs:	BB: 0.45 Vp-p, 75 ohms or high impedance (BNC x 2)
Chroma key inputs	RGB: 0.7 Vp-p, 75 ohms (BNC x 3)
DSK key input	VS or VBS: 0.7/1.0 Vp-p, 75 ohms (BNC x 1)
DSK fill inputs	RGB: 0.7 Vp-p, 75 ohms (BNC x 3)
DOC	0.2- 1.0 Vp-p, 75 ohms (BNC x 2)
GPI	Dry contact (Terminal)

OUTPUT SIGNALS

Programme outputs	Y/C 443: 2 outputs, Y: 1.0 Vp-p (with Sync) C: 0.3 Vp-p, (Burst level), 75 ohms (7-pin x 2)
Preview output	Y/C 443: Y: 1.0 Vp-p, (with Sync) C: 0.3 Vp-p (Burst level), 75 ohms (7-pin x 1)
Programme VBS output	1.0 Vp-p, 75 ohms (BNC x 1)
Preview VBS output	1.0 Vp-p, 75 ohms (BNC x 1)
Tally output	+5V or dry contact (Terminal)

SYNC OUTPUT SIGNALS

BB	0.45 Vp-p, 75 ohms (BNC x 2)
HD	4.0 Vp-p, 75 ohms (BNC x 1)
VD	4.0 Vp-p, 75 ohms (BNC x 1)
REF sync	4.0 Vp-p, 75 ohms (BNC x 1)
ADV sync	4.0 Vp-p, 75 ohms (BNC x 2)

PERFORMANCE

Frequency response	60 Hz - 5.0 MHz (+0.5 dB, -3 dB)
S/N ratio	More than 55 dB (P-P/RMS)
Y/C timing	Less than 50 nsec.
Power consumption	Main unit 70 W Control unit 12 W
Power supply	220/240 V AC, 50/60 Hz
Ambient temperature range	5°C - 40°C (40°F - 104°F)
Dimensions	

A/B Roll Editing System

