

# Y/C Digital Effects Generator

## KM-D600U

(Please check for world-wide availability)

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- Digital Effects (freeze, strobe, mosaic, slide, paint, negative and compression) with built-in dual channel TBC
- Y/C 358 and composite signals can be input
- Y : 8 bits, C : 8 bits 4:1:1 component process
- DOC and ADVANCED SYNC for VTR
- Built-in full-field color bar generator
- Auto and manual transition
- Soft Wipe/Positioner wipe
- GPI control for connection with VTR controller
- Built-in RGB chroma key
- Built-in color 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 358: 4 inputs, Y: 1.0 Vp-p (with Sync) C: 0.286 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: 0.43 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

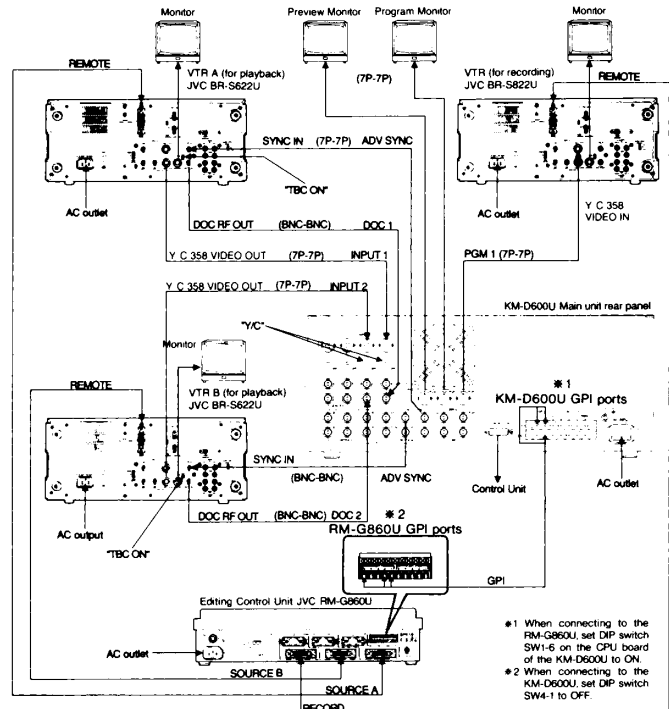
Program output	Y/C 358: 2 outputs, Y: 1.0 Vp-p (with Sync) C: 0.286 Vp-p (Burst level), 75 ohms (7-pin x 2)
Preview output	Y/C 358: Y 1.0 Vp-p (with Sync) C: 0.286 Vp-p (Burst level), 75 ohms, (7-pin x 1)
Program VBS output	1.0 Vp-p ohms (BNC x 1)
Preview VBS output	1.0 Vp-p, 75 ohms (BNC x 1)
Tally output	+5 V or dry contact (Terminal)

### SYNC OUTPUT SIGNALS

BB	0.43 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	80 W
Power requirements	120 V AC, 50/60 Hz
Ambient temperature range	5°C - 40°C (40°F - 104°F)



JVC A/B Roll Editing System