

### Model 100 Production Switcher

#### Unique Three Bus Multi-Level Mix/Effects System

- Eight looping video inputs, plus black and color background
- DSK Preview, overrides look-ahead preview system
- Cut or mix key transitions with independent frame rate auto transition

#### Master Fade-to-Black and Pulse Processor

- Independent frame rate auto transition for Fade-to-Black
- Preview system that shows program output when Fade-to-Black is engaged
- Pulse Processor re-inserts blanking from black burst on program output for stable output and recordings
- Standard contact closure editor interface (GPI) to each of the three auto transitions or a fourth "select" line which allows selection of any one
- Program and Preset buses for background transitions
- Video key bus for luminance keying, chroma keying, and pattern inserts, over the background transition
- Look-Ahead Preview System that shows the next effect; Wipe transition preview
- Auto transition, adjustable 0-999 frame, lever arm transition or cut button
- Ten wipe patterns, with modifiers: Hard or soft edges, Hard or soft bordered edges, Pattern reverse, Pattern aspect, Rate controlled positioner, Preset pattern size
- Independent Matte Generator for key fill and pattern borders

#### Video Keyer

- Video or Matte fill
- External key input
- Optional RGB chroma keyer
- Key invert
- Key mask using pattern generator
- Preset Pattern insert filled from key bus

#### Standard Downstream Keyer

- Key input from the video key bus or an external key input
- Key fill from an external video source or the independent DSK matte generator
- BORDERLINE\* Generator option for black or white title borders, drop shadows, or matte filled outline
- Key invert
- Key mask using pattern generator
- Optional serial interface (RS 232/422) for external computer control
- Optional pulse regenerator for system timing

#### Mechanical Specifications

- Control panel can sit on desktop (17"W x 14"D), or with rackmount adaptor, can be placed in modular rack enclosures (requires eight rack units)
- Electronics frame requires three rack units and 20" depth
- Single 15 conductor control cable
- Full tally system
- Selectable power ranges from 100 to 240V, 50 or 60Hz

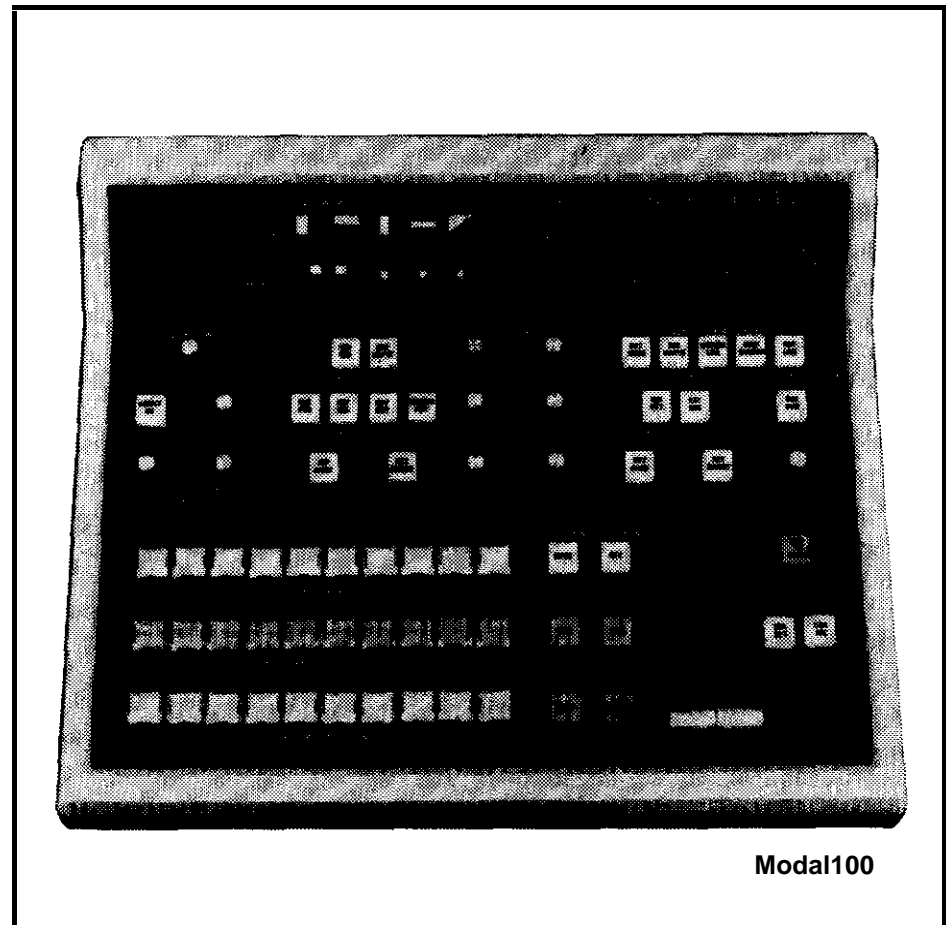
**100N** NTSC Production Switcher.

#### Options

<b>100-30S</b>	30M	Control	Cable
<b>100-33</b>	RGB	Chroma	Keyer
<b>100-34</b>	Chroma	Key	BY-Pass Board
<b>100-40</b>	NTSC	Digital	BORDERLINE Generator
<b>100-41</b>	NTSC	Pulse	Regenerator.
<b>100-50</b>	Serial	Interface	Adaptor

### 100CV Component Video Production Switcher

The 100CV is a compact, flexible, economical component switching system with the traditional family characteristics of its older brother; quality, performance, economy and a comfortable drive. Designed for professional component video production, the 100CV has all the qualities expected by the most sophisticated user.



Modal100

The 100CV features non-looping video inputs, 8 in all, and 3 sets of BNC connectors for every input. Utilizing the same control panel as the 100 Production Switchers, the 100CV Component Video Production Switcher has updated electronics that incorporates as standard equipment many of the features offered as options on the 100.

The electronics frame of the 100CV requires 6 rack units and 20" depth.

<b>1</b>	<b>OOCV-5258</b>	100CV Basic System for 525 Line System - Beta Format.
<b>100CV-525M</b>		100CV Basic System for 525 Line System - "M" Format . . .
<b>100CV-3-525B</b>		525/Beta Format - Frame and Maintenance Manual Only .
<b>100CV-3-525M</b>		525/"M" Format -Frame and Maintenance Only .

#### Options

<b>1</b>	<b>oocv-40</b>	525 System -Digital BORDERLINE Generator .
<b>100-51</b>		Key MEM Effects Memory System
<b>AMX-100M</b>		Audio Mixer System (Mono)
<b>AMX-100S</b>		Audio Mixer System (Stereo)
<b>5ocv</b>		Component Video Dissolver
<b>cv-2</b>	<b>1</b>	Y, R-Y, B-Y to RGB Translator (for use in CV-20T Tray) .
<b>cv-22</b>		RGB to Y, R-Y, B-Y Translator (for use in CV-20T Tray)
<b>CV-23</b>		Color Bar Generator (for use in CV-20T Tray) . . . . .
<b>cv-24N</b>		NTSC Decoder (for use in CV-20T Tray).
<b>CV-25N</b>		NTSC Encoder (for use in CV-20T Tray)
<b>CV-20T</b>		CV-20 Series 2 RU Tray with Power Supply.
<b>CV-20PS</b>		Backup Power Supply for CV-20T .
<b>CV-20EXT</b>		Module Extender. . . . .