

MODEL 1200

COMPONENT DIGITAL PRODUCTION SWITCHER

FEATURES

- 4:2:2:4 digital video signal processing
- Unmatched keying power for its class
- Ideal system for facilities transitioning from analog to digital
- Compact control panel provides familiar, easy-to-use interface
- E-MEM® effects memory system and effects send capability
- 16 Video and key source inputs
- Extensive library of wipe patterns
- DTV ready – compatible with 16x9 picture formats



Model 1200 Serial Component Digital Production Switcher

For your local Grass Valley Group sales and technical support representative see the list in the back of this catalog or inside the U.S. call: 1-800-547-8949.

MODEL 1200 SERIAL COMPONENT DIGITAL PRODUCTION SWITCHER

The Model 1200 Serial Component Digital Production Switcher delivers large switcher performance in a unique compact design. We've incorporated years of customer feedback into the Model 1200 control system. The switcher's built-in EL menu display gives you instant access to system setup, diagnostics and parameter adjustment. With keying power unmatched by any system in its class, plus a control panel that gives you a whole new level of ease of use and integrated control, the Model 1200 is a powerful, easy to use digital switcher.

With its component digital design and 10-bit processing, the Model 1200 delivers outstanding video fidelity and consistent video transparency, so you enjoy keys that are sparkling clean and the creative freedom that comes from a virtually unlimited number of record generations.

E-MEM SYSTEM

Standard E-MEM provides storage for 20 complete switcher setups. A 3.5 in. floppy disk drive is included for storage of E-MEM Effects set-ups.

BETTER CHROMA KEYS AND BORDERLINE KEY EDGING

The foreground keyers can be enhanced with Chromatte™ Chroma Key. Advanced chroma capabilities include background and foreground suppression and the Grass Valley patented Secondary Hue Suppression process to eliminate color fringing. All the keyers have their own individual matte generators and you can fit them with another Grass Valley exclusive – Borderline® key edge generators. The Borderline option allows all keyers to be enhanced with edging effects, including border, shadow extrude and outline.

SECOND KEYER AND 3D KEYING

In addition to luminance, linear, chroma key and preset wipes, the Model 1200 gives you added flexibility of an optional second keyer in the Mix/Effects (M/E) subsystem. Also available for the Model 1200 is our proprietary Z-key Depth Processor which enables you to key in a third dimension with the system's M/E keyers. Z-Key takes "z-axis" data from Grass Valley digital effects systems to key elements in 3D space.

4:4:4 KEYING CAPABILITY

The very powerful keying capabilities of the Model 1200 include 4:4:4 digital format chroma keys. Using two physical inputs, you can create the highest quality digital source chroma keys possible in a compact production switcher.

ADDITIONAL FEATURES

With your integrated effects system, the Model 1200 offers all-digital post-ing power and versatility. It can be configured with up to 16 inputs, which can be either analog or digital signals.

Two auxiliary buses with the Model 1200 effects send system let you feed digital effects devices with the same sources that feed the switcher

CONFIGURED FOR YOUR FUTURE

With analog and digital input capability, the Model 1200 is an excellent choice for serial digital conversion. The Model 1200 Digital Switcher has the flexibility and features that you can count on now and for a long time to come.

SPECIFICATIONS

INPUTS

Primary Video External Key:
16 (analog or digital)

OUTPUTS

Program, preview, clean feed, aux, buses, key

CONTROL PANEL

Dimensions	cm	in.
Height	27.1	10.66
Width	73.7	29.0
Depth	44.3	17.42
Weight	kg	lb.
	21.8	48

ELECTRONICS FRAME

Dimensions	cm	in.
Height 6RU	26.0	10.25
Width	43.2	19.0
Depth	63.0	24.8
Weight	kg	lb.
	36.3	80

POWER REQUIREMENTS

Frame Consumption: 400 W
Voltage: 90-260 VAC, 50/60 Hz
Panel Consumption: 200 W
Voltage: Auto-ranging

ENVIRONMENTAL CHARACTERISTICS

Ambient Temperature at Frame: 0-40° C (32-104° F)
Full Specifications Met: 20-30° C (68-86° F)
Relative Humidity: Up to 95% (noncondensing)

ORDERING INFORMATION

MODEL 1200

Serial Component Digital Production Switcher.

For ordering information, see ordering guide 2WW-2401-6.