

Production Switchers

What's Ahead NEWS Pinnacle SYSTEMS BROADCAST / PROFESSIONAL SOLUTIONS TECHNICAL SPECIFICATIONS

Live Production

High Definition

Editing

Content Delivery

News Production

Sports Analysis

PDS 9000i

Video Inputs

36 non-looping primary inputs

Genlock Input

1 looping composite analog input.

Use of the color black as the genlock source is encouraged.

Video Outputs

24 CCIR-601 outputs

Path Length (No DVEs in Circuit)

37.5 microseconds relative to genlock input

Control Panel Dimensions

Length: 46.3" (117.6 cm)

Width: 21.1" (53.6 cm)

Height: (above desk) 7.63" (19.38 cm)

Depth: (below desk) 7.43" (18.87 cm)

Power Consumption: < 300 Watts

Video Processor Chassis

Dimensions

Width: 17" (43.18 cm)

Height: 10.5" (26.67 cm) 6RU

Depth: 24" (61 cm)

Power Consumption: < 400 Watts



PHYSICAL DESCRIPTION

Introduction

The PDS 9000i is a 2.5M/E (an acronym for Mix/Effects) Production Switcher aimed at live production, specifically news and local interest programming. The switcher consists of a Signal Processor Frame and a Control Panel.

Signal Processor Frame

The Signal Processor Frame is a 6RU unit that houses the System Controller, Mix/Effect logic and processors, and Input/Output interfaces. The rear panel of the frame contains 64 input and output BNCs. Also included are four serial communications ports, the frame/panel interconnect port, the tally connector, the GPI/O connector and mouse/VGA/ keyboard connectors for diagnostic use.

Control Panel

The Control Panel is the operator interface to the system. It consists of two main parts: the control surface and a touch panel extension. The control panel contains the busses, switches, joystick, and LEDs, which are used to create the various effects, along with a VGA port for operation of the built-in Browsing and Titling software. The Control Panel also houses the 100BaseT network connection used to allow the system to exchange graphics with networked computers in the system..

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PDS 6000i

Video Inputs

15 non-looping primary inputs, expandable to 36

Genlock Input

1 looping composite analog input.

Use of the color black as the genlock source is encouraged.

Video Outputs

Six CCIR-601 outputs, expandable to 22

Path Length (No DVEs in Circuit)

37.5 microseconds relative to genlock input

Control Panel Dimensions

Length: 38" (96.52 cm)

Width: 15.7" (39.9 cm)

Height: (above desk) 7.63" (19.38 cm)

Depth: (below desk) 7.43" (18.87 cm)

Power Consumption: < 300 Watts

Video Processor Chassis Dimensions

Width: 17" (43.18 cm)

Height: 10.5" (26.67 cm) 6RU

Depth: 24" (61 cm)

Power Consumption: < 400 Watts



PHYSICAL DESCRIPTION

Introduction

The PDS 6000 is a 1.5M/E (an acronym for Mix/Effects) Production Switcher aimed at live production, specifically news and local interest programming. The switcher consists of a Signal Processor Frame and a Control Panel.

Signal Processor Frame

The Signal Processor Frame is a 6RU unit that houses the System Controller, Mix/Effect logic and processors, and Input/Output interfaces. The rear panel of the frame contains 24 input and output BNCs, with the option to expand up to a total of 64 I/O BNCs. Also included are 4 serial communications ports, the frame/panel interconnect port, the tally connector, the GPI/O connector, and mouse/VGA/keyboard connectors for diagnostic use.

Control Panel

The Control Panel is the operator interface to the system. It consists of two main parts: the control surface and an optional touch panel extension. In the absence of the touch panel option, a mouse and VGA screen may be used for menu selection. (A second VGA port is provided for operation of the built-in Browsing and Titling software). The control panel contains the busses, switches, joystick, and LEDs, which are used to create the various effects. Finally, the Control Panel also houses the 100BaseT network connection used to allow the system to exchange graphics with networked computers in the system.



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