



**Communtek Video Systems, Inc.**

## **Callisto-P 6-Input SDI/Composite Video Switcher**



The Callisto-P is a broadcast specification (SMPTE-259M) 6-input 270Mbit video switcher designed for studio, edit suite and transmission applications. The Callisto-P can handle fully asynchronous (unlocked) inputs, in a mixed signal format (SDI and analogue) environment.

The program and preview outputs are simultaneously available as SDI, analogue composite, and Y/C. In addition, there are two switched auxiliary outputs for further SDI monitoring and routing. The Callisto-P features dual channel framestore synchronizers, which allow on the fly switching between SDI and composite sources. The switcher will operate in stand-alone mode, or may be gen-locked to an external reference.

Operationally, the Callisto-P works in conventional program/preview bus mode. Installed functions include manual and auto wipe (multiple patterns with normal/reverse, color border and soft edge), manual and auto dissolve, and auto fade to black. The Callisto-P is dual standard 525/625 and offers 4:3 or 16:9 (letterbox) operation. Embedded audio and VITC are stripped and stored during processing for later reinsertion if required. Additionally, The Callisto-P has an internal Test Signal Generator, which provides Color Bars and other test signals.

The Callisto-P also features as standard, a DSK with fully synchronizing SDI inputs for external 'Key' and 'Fill'. Analogue composite decoders allow signal acquisition in mixed format environments (SDI digital and analogue) without compromising any of the unit's other features. This allows the Callisto-P to be used efficiently in today's transitional environment while retaining the necessary specifications and features for the all-digital world of tomorrow. The Callisto-P is a stand-alone configuration, with all controls and connectors in one unit, and can be controlled via industry standard editor protocol, and/or GPI.

**Inputs:**

- 6 SDI inputs
- 6 Analog Composite Inputs  
or 4 Composite and 2 YC
- Gen-lock Composite

**Outputs:**

- Program SDI and Composite
- Preview SDI and Composite
- 2 Auxiliary SDI

**Ext. Control:**

RS-422 GVG Protocol  
GPI Inputs, Tally Outputs

**Dimensions:**

11.8" wide x 6.3" deep x 3" at rear

**Power requirements:**

12 VDC – (10-14 VDC Input Range), 4-Pin XLR Connector



Distributed in the U.S. exclusively by:

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