



Communtek Video Systems, Inc.

Callisto-R 8-Input SDI/Composite Video Switcher



The Callisto-R is a broadcast specification (SMPTE-259M) 8-input 270Mbit video switcher and DSK designed for studio, edit suite and transmission applications. The Callisto-R can handle fully asynchronous (unlocked) in a mixed signal format (SDI and analogue) environment.

The program and preview outputs are simultaneously available as both SDI and analogue composite. In addition, there are two switched auxiliary outputs for further SDI monitoring and routing.

The incoming sources can be non-synchronous as the Callisto-R features dual channel framestore synchronizers. The switcher will operate in stand-alone mode, or may be genlocked to an external reference.

Operationally, the Callisto-R 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-R 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. When used in conjunction with the VTB-2DR Control Panel, an on-screen menu allows the user to tailor the operational modes and functions to suit individual set-up requirements. Additionally, an internal TSG provides Color Bars and other test signals, and source identification can be inserted.

The Callisto-R also features an optional 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-R 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-R is supplied in a 1RU rack-mount case, and can be controlled via the VTB-2DR Control Panel or via industry standard editor protocol, and/or GPI.

Inputs:

- SDI component x 8
- Option: Analogue Composite x 8
- Genlock Composite

Outputs:

- Program SDI and Composite
- Preview SDI and composite
- Auxiliary SDI x 2
- Black Reference X 2

Dimensions:

Mainframe - 1RU x 484mm (19") wide x 230mm (8") deep

Control Panel - 300mm (11.8") wide x 160mm (6.3") deep x 65mm (2.5") at rear

Power requirements:

Mainframe - 90-263 V AC 50W

Control Panel - Powered from mainframe

Distributed in the U.S. exclusively by:

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