



OxVision SCA 1 Digital Video Mixer/Keyer

Key Features

- Mixing & Linear Keying between three input sources
- SDI Input & Output
- Analogue composite & component outputs
- Key Fill & Source mode selection
- Analogue preview for 'next transition'
- Mechanical Emergency Bypass Relay
- GPI in/out
- Optional Remote Control Pane
- 19" (1RU)



The OxVision SCA-1 Digital Video Mixer/ Keyer is a broadcast quality SDI Mixer with Linear Keyer, providing simple mixing and keying. The unit not only supports SDI inputs and outputs but also both analogue component and composite outputs. In the event of mains failure, a mechanical bypass relay connects the input and output directly.

The unit accepts three SDI inputs, referencing incoming signals to the 'A' input. In the 'key' mode, sources on 'B' and 'C' can be used to provide 'fill' and 'key' inputs. Control is via RS-422/485 and can be from an optional remote control or via a suitable PC. Two different types of control panel are available with one panel offering single button menu selection

The mixer can operate in one of three modes – Mix Mode, where sources can A & B can be mixed, Linear Key mode – keying of sources over a background and Split mode.

The OxVision Digital Video Mixer/ Keyer is ideal where the requirement is for a simple A/B device for applications such as small to camera studios or as the mixer/keyer in the transmission centre.

The OxVision Digital Video Mixer/Keyer can be supplied in one of two configurations. The OxVision SCA 1 is equipped as the basic model with SDI inputs and outputs and component and composite outputs.

For first class sales and support contact Oxygen DCT at the following address or via the online website shop.

2 Bacchus House
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Specifications

SDI Input

Standards	SDI (SMPTE 259M) 270Mb/s 525/625
Connectors	Three 75Ω BNCs
Signal level	800mv p-p ±10%

SDI Outputs

Standards	SMPTE 259M 270Mb/s 525/625
Connector	75Ω BNC
Number	2 (Main Programme Output/Programme Output)
Signal level	800mVp-p ±10%

Analogue Outputs

Connector	75Ω BNC
Number	4 (Analogue Component Y, B-Y, R-Y) Analogue Composite

Control

RS-422/485	D Type
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Power

Voltage	90 – 240 Volts AC
Current	2 Amps

Other

Front Panel Display	Displays system set-up and function
Temperature range	0°C to 45°C
Dimensions	44mm x 175
Weight	4kg

Ordering Information

OxVision SCA 1 Digital Video Mixer/Keyer

Options

OxVision SCA 2 Digital Vision Mixer/Linear Keyer, Logo Store, 4, Frame Store, SDI I/O, Component & Composite o/p
OxVision RCPA Remote Control Panel A for Digital Vision Mixer/Linear Keyers
OxVision RCPB Remote Control Panel B with single button menu select for Digital Vision Mixer/Linear Keyers
OxVision SCA Redundant Power Supply Unit
OxVision SCDL Digital Logo Store
OxSystems DDV Digital Video Delay – up to 3.5 frames
OxSystems DADS Digital Auxillary Data Shifter – 11 frames

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