



VS50

Component Video Switching Card

Sales information

July 2002

- **Three source Component or RGB video switch**
- **High bandwidth, low noise design**
- **Constructed on 6 layer PCB**
- **Exceptionally low cross talk**
- **Broadcast grade video switching**

Background

As a full system controller, Meridian's 861 has always offered a lot more than just state-of-the-art audio processing. Through its unique modular construction this supremely flexible controller allows video circuits to be installed alongside its audio and DSP cards. Together these enable 861 to provide both a benchmark for audio quality and a reference for video management.

Traditionally the element of video management within a domestic AV system has meant the ability to switch Composite and S-Video signals in conjunction with source selection and the over-writing of a controllable and informative On-Screen-Display. Today, more than ever before, video quality is one of the most easily identifiable measures of an AV system and as a result more and more consumers and installers favour high-quality three-wire video systems (such as Component or RGB).

Welcome the VS50, a broadcast quality three-source component and RGB (three-wire) video switch for the Meridian 861.

VS50 Component Video Switching Card

VS50 is designed to offer ultimate performance from both Component and RGB video signals.

The high bandwidth circuit is laid out on a six-layer PCB which allows true 75-ohm signal routing. All components have been selected to meet broadcast standards. Every element of VS50's design is deliberate and intended to ensure the lowest possible levels of noise and cross-talk.

Gold-plated BNC terminals have been used for all external connections to and from VS50, as these offer the most secure and reliable method for wiring both sources and display devices. The 'twist-fit and lock' connection that BNC connection offers allows maximum contact between the cable terminators and the terminals on the card giving the best electrical conductivity, while at the same time offering peace of mind to installers who can be sure that cumbersome video cables won't loosen over time.

Just like any other input to the 861, the three video inputs on VS50 can be configured to switch with any of the Reference Surround Controllers twelve sources and employ any or all of the three trigger outputs to control a screen, projector, lights, or any other element of your system.

Technical Specification

Inputs: 3 x three-wire video inputs on BNC connectors.
Outputs: 1 x three-wire video output on BNC connectors.
Card size: 4U.

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