QUALITY DUAL DISPLAY AND VIDEO SWITCH

PXD520

DUAL DISPLAY CONTROLLER

APPLICATIONS

- Advanced Security
- Video Conferencing
- Multiple Views on a Single Monitor
- Courtroom Systems
- Industrial Comparison, Monitoring and Quality Control
- Machine Tool Views
- Patient Interaction and Comparison
- Medical and Criminal Forensics

FEATURES

- Easily select dual display mode or full screen display of any one of the four input signals
- Does not require genlock cameras or video sources
- Can use almost any NTSC or PAL video source including camcorders and VCRs
- Includes four independent time base correctors
- Digital Signal Processing (DSP) assures accurate and repeatable performance
- Can be easily used as a four input synchronized switch.
- Composite video inputs
- Composite and S-Video outputs
- Selectable border line in dual display modes
- Built in color bar test signal generator
- RS-232 wired remote control port included
- Switch selectable for NTSC or PAL operation
- Rack mount option available
- Can operate from +5VDC for mobile applications

GENLOCK CAMERAS NOT NEEDED: MicroImage Video Systems advanced digital processing products do not require Genlock cameras or video sources. This makes interfacing and connections quick and easy, as well as eliminating the complicated adjustments involved with Genlock.

QUALITY SCALING ENGINE: The PXD520 utilizes four high quality scaling units to achieve high resolution in dual display mode.

BORDER LINE FEATURE: We include a border/divider line that helps to distinguish one image from the other. The line may be turned off or set to one of four gray levels.

A & B inputs side-by-side on a standard 4:3 monitor.

A & B inputs side-by-side on a 16:9 wide-screen monitor.

A & B inputs displayed side-by-side with exchange enabled.

C & D inputs displayed side-by-side.

UNIQUE DUAL DISPLAY MODES: The PXD520 offers a unique and flexible dual display mode that works well with many wide-screen monitors. It can display two full images side-by-side compared to a split screen controller which only shows a portion of each image.

FLEXIBLE CONNECTIONS: The PXD520 will operate with composite input signals. It produces both composite and S-Video outputs simultaneously. Both NTSC and PAL Video are supported.

EASY TO USE: Switching between modes is simple with the front panel switches. Individual switches are provided to select the dual modes, any of the four inputs or color bars. The border can easily be turned off and on as well.

BUILT IN COLOR BAR GENERATOR: The PXD520 includes a color bar test signal generator for system testing and monitor alignment.

RS232 CONTROL INCLUDED: An RS-232 wired control connection is included for applications where the PXD520 must be computer or remotely controlled.

BOARD AND CUSTOM PRODUCTS: MicroImage Video Systems offers many of its products, such as the PXD520, as board level (i.e. BL-PXD520-00) for OEM applications. We can create units with custom features as well as custom designed boards.

MORE INFORMATION? Additional product information, specifications, user manual and application notes are available on our website, including the latest available features.

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