MD-QUAD

VERSION 3
Miniature (3G/HD/SD)-SDI Quad-Split / Multiviewer with (3G/HD/SD)-SDI and HDMI Outputs

PRODUCT FEATURES

- Low cost miniature (3G/HD/SD)-SDI 4 to 1 Quad Split or 4 to 1 input multiplexer
- Selectable output format in Quad-Split mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 4 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- 8-Channel Audio metering for each quadrant with:
  - The first two audio groups individually selectable
  - Vertical or Horizontal Bars
  - AES, VU, Extended VU, BBC, EBU, DIN and NORDIC Scales
  - Bar & Float, Bar only or Float only
  - Transparency adjustment
  - Separate Bar and Float Ballistics control
  - Adjustable Reference level
  - Red, Yellow and Green Range adjustment
  - Bar thickness adjustment
  - Margin adjustment
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously
- Variable aspect ratios per quadrant
- All 4 inputs can be displayed simultaneously on a single output
- Pass-Through mode allowing any of the 4 inputs to be selected for output
- In Pass-Through mode the selected input is passed through to both the (3G/HD/SD)-SDI and HDMI outputs
- On-Screen 16 character IDs (UMDs) for each input
- A single tallies for each input is available from the GPI
- NEW! In Quad-Split mode the first 8-channels of audio from any input can now be passed to both the HDMI and SDI output
- NEW! On-screen audio id pop-up when selection audio source in Quad-Split mode
- NEW! On-screen display pop-up when using the rotary to allow for use when without a PC
- NEW! Professional 3G/HD/SD Test Pattern Generator featuring 54 Test Patterns including Luma and Chroma Zone-plates
- NEW! Audio Tone Generator
- An extensive selection of user controllable functions via an easy to use rotary encoder for menu selection. LEDs and a push button can then be used for status and control
- USB port for control and updates
- GPI on RJ-45 for remote switching
- Locking DC Power Socket
- The following is included with the unit: Power Supply, HDMI Cable, USB Cable and Mounting Bracket

SPECIFICATIONS

SDI FORMATS		MENU OPTIONS	
3G:SMPTE 424M@2.97 and 2.967Gb/s • 1080p@60/59.94/50Hz HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s • 1080i@60/59.94/50Hz • 1080p/psf@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25/24/23.98Hz SD:SMPTE 259M@270Mb/s • 625i50 • 525i59.94		• Input status for all 4 inputs • Output format • Output selection of Quad Split or input 1, 2, 3 or 4. • Output aspect and type of 16:9 or 4:3 at either 90 or 100% of screen size • Individual aspect format for each input of Same as output, Letter-box or Pillar-box • Border Enable • Quad split mode reference of either Free-run or input 1 • Enables for On-Screen Overlays • Basic Audio Meter control	
INPUTS	• Input Equalization > 100M using Belden 1694A • USB for control and updates • GPI on RJ-45	**OUTPUTS**	• 1 x 10-bit (3G/HD/SD)-SDI Re-clocked • HDMI
LED STATUS	• Power • 4 x Signal lock and rate	**DIMENSIONS**	90mm x 94mm x 23mm (3.5" x 3.7" x 0.9")
POWER	• +5V to +24V DC, 6 Watts • Positive Centre Pin		

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