

# QuickVu - Ref. QVU150-3G

Hi-Resolution Mixer true Seamless Switcher with 8 inputs



## INPUT PLUGS



## PROGRAM



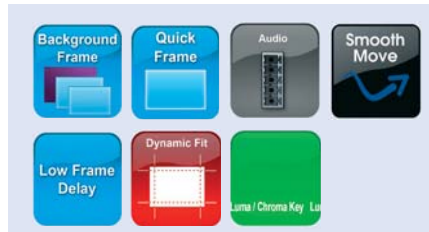
## PREVIEW



## VIDEO OUT



## FEATURES



### QuickVu at a glance

- ▶ Midra™ platform
- ▶ Remote Control Software: RCS² (Windows, Mac & Linux)
- ▶ Very fast processing and true Seamless switching
- ▶ Low frame delay
- ▶ Full audio digital compliant on DVI-D & HDMI Plugs
- ▶ Advanced Audio Management with the RCS²
- ▶ Quick Frame mode
- ▶ Background Frame Layer available with the RK-350 and RCS²
- ▶ New EDID management on 6 inputs
- ▶ Ability to read and display the output EDIDs
- ▶ New Deinterlacing processing
- ▶ Custom output formats
- ▶ Ability to modify the Program in real time without using the Preview
- ▶ New Dynamic Fit
- ▶ Capability to switch between any input plugs (14 plugs available)
- ▶ Outputs fully resizable
- ▶ Video output (CVBS, YPbPr, 3G-SDI)

### Key features

- 8 Seamless inputs
- 2 outputs (Program and Preview)
- 1 x 3G/HD/SD-SDI output plug useable as video output or Program clone
- 14 input plugs available (4 x DVI-D, 4 x HDMI, 4 x Universal Analog & 2 x 3G/HD/SD-SDI)
- Computer formats up to 2K/2048 x 1152
- Resizable Live Background
- Transitions: Fade (Dissolve), Cut, Wipe and Slide
- Dynamic layer (Moving from A to B) with Flying, Zooming or Cropping
- All audio inputs can be embedded or de-embedded on all plugs
- Audio breakaway mode
- Audio Delay Compensation
- Balanced stereo audio on all outputs
- 2 S/PDIF inputs and 2 S/PDIF outputs
- Internal test patterns
- Chroma/Luma Key and Titling
- 8 Memory Presets per output (64 via RCS²)
- 8 Full Frames
- HDCP Compliant

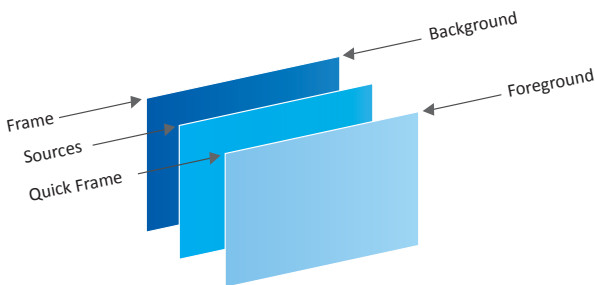
### Operating modes

- 1 operating mode: Mixer mode
- Seamless switching with full Preview
- 1 true Seamless Live + 1 Title

### To Control QuickVu

- ▶ RCS²: Remote Control Software\*
- ▶ VRC300: High-End Remote Controller Vertige™ (available early 2016)
- ▶ ORC50: Remote Controller Orchestra
- ▶ RK-350: Remote Keypad
- ▶ SB-80: Shot Box
- ▶ Crestron's Modules: 2 or 3-Series\*
- ▶ AMX's Modules\*

\*Available on [www.analogway.com](http://www.analogway.com)



The Quick Frame feature instantly allows to display a stored Frame above all layers.

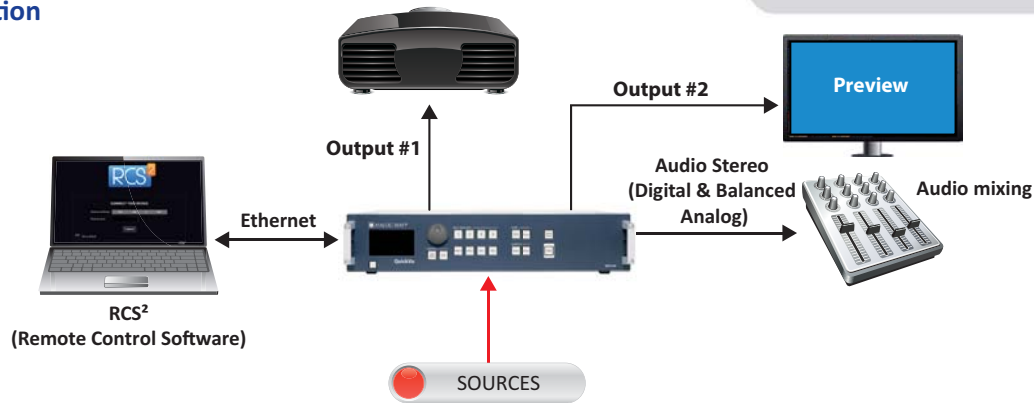


Training video available on YouTube or on [www.analogway.com](http://www.analogway.com)



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## ► Mixer configuration



### Technical Specifications

#### ► 8 inputs - 14 plugs

##### 4 Universal input plugs

##### Analog inputs (All inputs #1 to #4) SD-TV

- Composite, S.Video, YUV, RGsB or RGBS
- NTSC: 15.735kHz/60Hz
- PAL/SECAM: 15.625kHz/50Hz

##### ED/HD-TV

- RGsB, RGBS or YUV
- 480p/60 Hz – 576p/50 Hz – 720p, 1080i, 1035i/50 or 60Hz – 1080p/24, 25, 30, 50 or 60 Hz – 1080psF/24, 25 or 30 Hz

##### Computer

- RGBHV, RGBS or RGsB
- Resolution up to 1600x1200/60 Hz, 1920x1200/60 Hz or 2048x1080/60 Hz
- Horizontal frequency from 31.5 to 130 kHz
- Vertical frequency up to 120 Hz
- FpxMax = 165MHz

#### ► 10 Digital input plugs

- DVI-D (Input #1 to #4) (HDMI compliant): SD-TV, ED-TV, HD-TV and Computer formats
- HDMI (Input #3 to #6): SD-TV, ED-TV, HD-TV and Computer formats
- SDI (Input #7 to #8): SD-TV & HD-TV – YUV/10bits/4:2:2, 3G-SDI
- Automatic synchronization detection

#### ► Program and Preview outputs

##### Computer Digital and Analog:

- RGBHV, RGBS or RGsB and DVI
- Resolution up to 1600x1200/60 Hz, 1920x1200/60 Hz or 2048x1080/60 Hz
- Vertical frequency 50, 60, 72 or 75 Hz depending on Output format
- FpxMax = 165MHz

##### HD-TV:

- RGsB, RGBS or YUV, DVI and HD-SDI, or 3G-SDI
- 720p, 1080i, 1035i/50 or 60Hz – 1080p/24, 25, 30, 50 or 60Hz – 1080psF/24, 25 or 30 Hz

#### ► Video Output

- SD-TV: SD-SDI
- HD-TV: HD-SDI or 3G-SDI

#### ► Operation Standards

SMPTE: ST 259:2008, ST 260:1999, ST 274:2008, ST 292-1:2012, ST 296:2012, ST 424:2012, ST 428-19:2010  
VESA: GTF1.1, CVT 1.1, DMT1.0 rev.12

#### ► Audio Stereo inputs

- **DVI (as HDMI)/HDMI/SDI/Audio de-embedding:**
  - 1 stereo pair
- **Analog inputs:**
  - 4 Audio stereo inputs
  - Balanced/Unbalanced
  - Vi = +15dBu
  - Zi = 20 kOhms (Unbalanced)/40 kOhms (Balanced)
  - Adjustable Level per input
- **S/PDIF inputs:**
  - 2 inputs, AES3id compatible
  - Zi = 75 Ohms
  - Input Level Min: 200mVpp
  - Input Level Max: 2,8Vpp
  - Protocol: AES3 or S/PDIF sub-code format

#### ► Audio Stereo outputs

- **DVI (as HDMI)/SDI Audio embedding:**
  - 1 stereo pair per output
- **Analog inputs:**
  - 2 independent outputs
  - Balanced/Unbalanced
  - Vo = +9 dBu/300 Ohms (Unbalanced)
  - Vo = +15 dBu/600 Ohms (Balanced)
- **S/PDIF inputs:**
  - 2 outputs, AES3id compatible
  - Zi = 75 Ohms
  - Output Level: 0,5Vpp(S/PDIF mode) or 1Vpp (AES3 mode)
  - Input Level Max: 2,8Vpp
  - Protocol: AES3 or S/PDIF sub-code format

#### ► User Controls - front panel

- Standby On/Off
- Input direct access
- Freeze/Black

- Preset and effect menu shortcuts
- Quick Frame, Take
- Large Graphic VFD screen with control knob and buttons for easy and fast access to menus and adjustments

#### ► Connectors - rear panel

- **Input #1 to #2 connectors:**
  - DVI-D Female: (Digital SD/ED/HD-TV and Computer)
  - HD15-F (Analog SD/ED/HD-TV and Computer)

- **Input #3 to #4 connectors:**
  - DVI-D Female: (Digital SD/ED/HD-TV and Computer)
  - HD15-F (Analog SD/ED/HD-TV and Computer)
  - HDMI Female: (Digital SD/ED/HD-TV and Computer)

- **Input #5 to #6 connectors:**
  - HDMI Female: (Digital SD/ED/HD-TV and Computer)

- **Input #7 to #8 connectors:**
  - BNC: (3G/HD/SD-SDI)

- **Program and Preview output connectors:**

Each output is fitted with:

  - DVI-I Female: (Digital and Analog) RGB or YUV
  - HD15 Female: RGB or YUV
  - 1 x BNC-F: 3G/HD-SDI (Output #1 only)

- **Video output connector:**
  - BNC: (3G/HD/SD-SDI)

- **Audio:**
  - 5-pin MCO connectors: 4 for analog audio inputs and 2 for analog audio outputs
  - 4 RCA connectors: 2 for S/PDIF audio inputs and 2 for S/PDIF audio outputs

- **Miscellaneous:**
  - DB9: RS232 for remote control
  - RJ45: Ethernet connection
  - AC main connector with fuse and On/Off switch

#### Dimensions:

- D 15.75" x W 17.3" x H 3.46"
- D 400 mm x W 440 mm x H 88 mm

#### Weight:

- 6,3 kg
- 13.9 lbs

#### Power Supply:

100-240 VAC ; 2.5A ; 50/60Hz ; 110W

#### Supplied with:

- 1 x Power Supply Cord
- 1 x Ethernet crossover cable
- 1 x Remote Control Software (RCS²)\*
- 1 x Set of 6 audio 5-pin screw terminals
- 1 x Front Rack Ears
- 1 x User Manual (PDF version)\*
- 1 x Quick Start Guide\*

#### Warranty:

3-year warranty on parts and labor back to factory.



\* User Manuals, Quick Start Guides and the RCS² are also available on [www.analogway.com](http://www.analogway.com)



Training video available on YouTube or on [www.analogway.com](http://www.analogway.com)



Specifications subject to change without prior notice

All technical specifications are available on our website