

MULTIWAY UNIVERSAL VIDEO SWITCHER

COMPUTER, HDTV, TV, COMPONENT, S.VIDEO, COMPOSITE SWITCHER

Smart Switch Video™ Ref. SMV 415

- **15 INPUTS: 3 COMPUTER, 3 HDTV / YUV / RGB, up to 6 S.VIDEO, up to 6 COMPOSITE VIDEO**
- **4 OUTPUTS: 1 COMPUTER, 1 HDTV / YUV / RGB, 1 S.VIDEO, 1 COMPOSITE VIDEO**



REFERENCE:

- SMV-415

FEATURES:

- Compact & Space Efficient
- 4 Different Video Switchers all in one
- POWERFULL EXPENDABLE CONFIGURATION
- Remote Controlable
- Saves Power and Cost

DESCRIPTION:

The Smart Switch Video, Ref SMV-415, takes place in the Analog Way's Millenium Trilogy, together with the new Smart Switch Audio™, the Smart Booster™, and all are compatible with the Smart Cut 2™ & Smart Fade™.

Each of the 4 inputs type can be separately switched on its respective amplified output. It is the equivalent of integrating, in the same enclosure, 4 different switcher boxes of 3 (or 6) to 1 output. In other words, it saves space, cost and power supply requirements.

The SMV-415 virtually switches between any Computer, HDTV and TV sources such as PC, Mac™, Laptop, any workstation, Line Doubler, Scaler, Video Presenter, Video & Industrial camera, VCR, Laser Disc, DVD...

TECHNICAL SPECIFICATIONS:

COMPUTER INPUT:

- Connectors (HD 15 female or BNC female on the RGB Video Input)
- Accepts signals from PC (VGA to UXGA), MAC, WORKSTATION
- RGsB, RGBS, compatible
- RGBHV compatible (HD15)
- Line Frequency: From 31.5 KHz to 150 KHz
- Frame Frequency: From 24 Hz to 170 Hz
- RGB Bandwidth: 300 MHz
- Signals: RGB 0.7 V p/p analog
- SYNC: H&V (TTL)
- Composite Sync (TTL or 0,3V analog) SOG (0.3 V analog)

RGB / YUV / HDTV INPUT:

- 3 or 4 BNC Connectors
- Accepts signals from both Video & Computer sources
- RGsB, RGBS, YUV, HDTV Compatible sync & rate
- Line Frequency: from 15 KHz to 150 KHz
- Frame Frequency: from 24 Hz to 170 Hz
- Bandwidth: 300 MHz

- RGB Signals: RGB = 0.7 V p/p (75 Ohms), C.SYNC (TTL or 0.3 V analog), SOG (0.3 V analog)
- YUV signals:
Y = 0.7 Vp/p (Luma) + 0.3 Vp/p (SYNC.);
U,V = 0.7 Vp/p, 75 Ohms
- HDTV Signals:
Y = 0.7 V p/p with +/- 0.3 V Tri-level Sync.
Dr, Db = 0.7 V p/p (with Tri-Level Sync.)
RGB = 0.7 V p/p with +/- 0.3 V Tri-level Sync

S.VIDEO INPUT (Y/C):

- 4 pin mini DIN or 2 BNC Connectors
- 15.625 KHz / 50 Hz (625 L) ... 15.735 KHz / 60 Hz (525 L)
- Bandwidth: 60 MHz
- Y/C Signals: Y = 1 V p/p (0.7 V p/p Luma + 0.3 V p/p Sync.)
C = 0.3 V p/p Chroma Burst;
Y&C = 75 Ohms

COMPOSITE VIDEO INPUT:

- BNC Connector
- NTSC/PAL/SECAM
- Bandwidth : 60 MHz

- 1 V p/p (0.7 V p/p Luma + 0.3 V p/p Sync.), 75 Ohms

OUTPUT:

- RGB, YUV, Luma (Y) & Composite Video = 0.7 Vp/p (75 Ohms)
- For HD 15 output: SYNC. = H&V (TTL), C.SYNC (TTL), SOG (0.3 Vp/p analog)
- For BNC output: SYNC. = C.SYNC (TTL or 0.3 Vp/p analog) SOG (0.3 Vp/p analog)
- For S.Video and Composite Video Output: SYNC. = 0.3 Vp/p analog

USER'S CONTROLS:

FRONT PANEL:

- Extended Inputs # 3
S.Video, HDTV / YUV / RGB, Computer
- Selection of the Computer Inputs : 1-2-3
- Selection of the Composite Inputs: 1 → 6
- Selection of the S-Video Inputs: 1 → 6
- Selection of the RGB / Component Inputs: 1-2-3
- Selection of the Composite Video / S.Video input Modes
Test: Selected Input indicator
- Locks the front panel's touch controls

REAR PANEL:

- Remote IN (PC) / Remote OUT (Chain): RS 232 (DB9 Connector)

DIMENSIONS:

- 1 Unit, 19" Rackmount compatible
W 440 x D 200 x H 44 mm
W 17.3" x D 7.8" x H 1.74"

WEIGHT: 2.2 Kg / 4.85 Lbs

POWER SUPPLY:

- Internal, Universal, Automatic, CE / UL / CSA / IEC (50W), 100 VAC to 240 VAC, 50-60 Hz, I = 1 A Max

SUPPLIED WITH:

- 1 AC Power Cable
- 1 x VGA M/M Cable (1.8 m / 6 ft)
- 1 x S.Video Cable (1.8 m / 6 ft)
- 1 x RCA / RCA M/M Cable (1.2 m / 4 ft)
- 1 x RCA / BNC Adapter
- 1 x MAC / VGA Adapter
- 1 x DB9 M/F Remote Cable (0.5 m / 1.6 ft)
- 1 x 19" Rackmount kit

WARRANTY:

3 years on Parts & Labor, back to the factory

ACCESSORIES REFERENCES (OPTIONAL):

- 10021: HD 15 M/M Cable (3 m / 10 ft)
- 10076: HD 15 M/M Cable (10 m / 33 ft)
- 10039: 5 BNC / 5 BNC Cable (3 m / 10 ft)
- 10098: 5 BNC / 5 BNC Cable (10 m / 33 ft)

- 10093: S.Video Cable (5 m / 16 ft)
- 10094: S.Video Cable (10 m / 33 ft)
- 10102: S.Video to 2 BNC Cable (1,8 m / 6 ft)
- 10103: S.Video to 2 BNC Cable (5 m / 16 ft)

- 10109: DB9 (M/F) Remote Cable (0.5 m / 1.6 ft)
- 10111: DB9 (M/F) Remote Cable (5 m / 16 ft)
- 10112: DB9 (M/F) Remote Cable (10 m / 33 ft)



ANALOG WAY®