

MULTIWAY UNIVERSAL BOOSTER



• Products PDF

Available for download at www.analogway.com

COMPUTER, HDTV AND TV, COMPONENT, S.VIDEO, COMPOSITE UNIVERSAL DISTRIBUTION AMPLIFIER

SMART BOOSTER™ Ref. SMB 413

- > 4 Separate Inputs:
 - 1 HDTV/YUV/RGB, 1 S.Video,
 - 1 Composite Video, 1 Computer
- > 4 x 3 Separate boosted Outputs



REFERENCE:

- SMB413

FEATURES:

- Compact & Space Efficient
- 4 different Distribution Amplifiers all in one
- Saves Cost and Power

DESCRIPTION:

The Smart Booster™, Ref SMB413, takes place in the Analog Way's Millennium Trilogy, together with the new Smart Switch Video™, the Smart Switch Audio™, and all are compatible with the Smart Cut 2™ & Smart Fade™.

Each of the 4 independent inputs is split into 3 separately buffered and amplified outputs.

It is the equivalent of integrating, in the same enclosure, 4 different Booster / Splitter boxes of 3 outputs each. In other words, it saves space, cost and power consumption.

The SMB413 splits and boosts 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:

- HD15 Connector (or BNC female on the RGB Video Input)
- Accepts signals from PC (VGA to UXGA), MAC®, WORKSTATION
- RGsB, RGbS, RGBHV compatible (HD 15)
- 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)

HDTV / YUV / RGB 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 V p/p Luma + 0.3 V p/p (SYNC); U,V = 0.7 V p/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 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 V p/p (75 Ohms)
- For HD15 output: SYNC. = H&V (TTL), C.SYNC (TTL), SOG (0.3 V p/p analog)
- For BNC output: SYNC. = C.SYNC. (TTL or 0.3 V p/p analog), SOG (0.3 V p/p analog)
- For S.Video & Video Composite output: SYNC. = 0.3 V p/p analog

DIMENSIONS:

- 1U, 19" Rackmount compatible
W 440 x D 185 x H 44 mm
W 17.3" x D 7.2" x H 1.74"

WEIGHT: 2.3 Kg / 5.1 Lbs

POWER SUPPLY:

- Internal, Universal, Automatic, CE / UL / CSA / IEC (25W), 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 M/M Cable (1.2 m / 4 ft)
- 1 x RCA / BNC Adapter
- 1 x 19" Rackmount kit

WARRANTY:

3 years warranty 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)