7 A/V Inputs:

> 5 Video Inputs (NTSC/PAL/SECAM):
  2 Composite, 2 S.Video,
  1 Component or RGB/S

> 2 Computer Inputs

A/V Output:

> Scaled from 640x480 up to 1280x1024

REFERENCE:
- SMF251-A

FEATURES:
- Fade & Dissolve / Black / Cut / Title Effect between Video (TV) & Computer from 640x480 to 1280x1024
- Automatic & manual fade controller
- RS232 Remote control software
- Stereo audio follow and breakaway switching for all Balanced / Unbalanced Stereo Audio inputs
- Time and Frame base corrector
- Enhanced Auto-Adaptive Motion Compensation
- 3/2 Pull Down Correction
- 4/3 & 16/9 Aspect Ratio
- Sharpness, Brightness, Contrast, Color, Hue (NTSC), Gamma adjustments
- Smart Switch Video and Audio (SMV415 & SMA415) compatible
- Remote Keypad : RK251 (optional)
DESCRIPTION:
The SMART FADE™ is a Video & Computer Mixer/Switcher with audio which integrates 3 functions for more convenient and enhanced A/V presentations:

- It is a 5 VIDEO (2 x Composite, 2 x S.Video, 1 x Component or RGB/S) and 2 COMPUTER (up to 1280 x 1024) inputs SEAMLESS MIXER/SWITCHER, with a built-in SCALER.

Each VIDEO source is scaled and genlocked to match the resolution of your COMPUTER from 640 x 480 up to 1280 x 1024.

The SMART FADE™ offers a Fade or a smooth or fast switching between:
- any VIDEO and 1 COMPUTER Source (in Seamless mode: Fade / Cut / Title)
- VIDEO Sources (with a smooth or fast Cut to Black)
- COMPUTER Sources (with a smooth or fast Cut to Black)

All Video inputs are scaled to the selected Computer input. This allows a «One-Time» adjustment for your display resolution.

TECHNICAL SPECIFICATIONS:

VIDEO INPUTS:
- 2 x Composite Video
  SCB = 3.58 MHz / 4.43 MHz
  PAL / SECAM = 15.625 KHz / 50 Hz
  NTSC = 15.735 KHz / 60 Hz
- 2 x S.Video (Y/C)
  SCB = 3.58 MHz / 4.43 MHz
  PAL / SECAM = 15.625 KHz / 50 Hz
  NTSC = 15.735 KHz / 60 Hz
- 1 x Component or RGB/S or RGsB
  15.625 KHz / 50 Hz - 525L
  15.735 KHz / 60 Hz - 525L
  YUV (0.7 Vp/p)
  RGB / Sync (TTL or 0.3V Analog)
  RGB/S (SOG: 0.3V Analog)
- Computer input. This allows the audio to follow your video image or to break away from your video. The level of any audio line is separately adjustable and a Master Control Volume is dedicated to trim the overall sound level.

DISPLAY OUTPUT:
- RGBHV or RGBS selectable (H & V separated Sync. or Composite)
  RGB = 0.7Vp/p (75Ω load)
- Output Resolution in Seamless/Switcher mode: from VGA to SXGA (31.5 kHz to 64 kHz)
- Selectable output resolution in Scaler mode: from VGA to SXGA at 50 Hz / 60 Hz / 75 Hz
  VGA 640 x 480
  42” Plasma 852 x 480
  SVGA 800 x 600
  MAC 16” 832 x 624
  XGA 2 x 1024 x 768
  50” Plasma 1280 x 768
  SXGA 1280 x 1024

AUDIO OUTPUT:
- 2 x Stereo output
  (Balanced & Unbalanced)
  Vo = + 4 dBm max.
  ZS = 300 Ω unbalanced
  ZO = 600 Ω balanced
  G = 0 dB nominal, with Master Volume

USER’S CONTROLS:
- COMPUTER 1 & 2: Selection of the Computer Input
- C. VIDEO 1 & 2: Selection of the Composite Video Input

LCD WINDOWS & CONTROL BUTTON FOR:
- Sharpness, brightness, contrast, color, tint adjustments, Aspect-ratio, Gamma
- Input and Displayed output status
- Output format, Sync. adjustment
- Transition selection (Cut / Fade / Title, Black, fast or smooth switching)
- Audio Input level adjustments / Audio follow or breakaway selection
- Horizontal and vertical position and size adjustments
- Front panel control lock out

ON / OFF: AC MAIN SWITCH

CONNECTORS:
- Input and Displayed output status
- Computers: VGA to UXGA (31.5 kHz to 85 kHz)
- Workstation: from VGA to SXGA (15 kHz to 85 kHz)

POWER SUPPLY:
- Internal, Universal, Automatic 100 – 250 VAC / 50 / 60Hz (50W)
- UL, CSA, GS, CE

DIMENSIONS:
- 19” 1U Unit compatible
- D 300 x W 440 x H 44 mm
- D 11.8” x W 17.3” x H 1.74”

WEIGHT:
- 3.4 Kg / 7.48 Lbs

SUPPLIED WITH:
- 1 x VGA M/M cable
- 1 x S. Video (Y/C) Cable
- 1 x 5 BNC/HD15.F cable
- 1 x 5 BNC/HD15.F cable
- 1 x Set of MAC (RGB/S) / VGA Cable adapter
- 1 x AC Power cable
- Set of 6 Audio 5 pin MCO
- 1 x set of 19” brackets.
- 1 RS232 Remote Control Software

WARRANTY:
- 3 years warranty on Parts & Labor back to the factory

ACCESSORIES REFERENCES (optional):
- RK251: Remote Keypad for SMF251
- SMV415: Smart Switch Video
- SMV415: Smart Switch Audio
- DGB-220: Dual Graphic Booster (230 VAC version)
- DGB-422: Dual Graphic Booster (115 VAC version)
- 10023: 5 BNC/HD 15 M cable (1.8m - 6ft)
- 10024: 5 BNC/HD 15 M cable (3m - 10 ft)
- 10025: 5 BNC/HD 15 F cable (1.8m - 6ft)
- 10026: 5 BNC/HD 15 F cable (3m - 10 ft)
- 10093: S. VIDEO Cable (5m - 16ft)
- 10094: S. VIDEO Cable (10m - 33ft)
- 10022: HD 15 M M Cable (6m - 20ft)
- 10076: HD 15 M M Cable (10m - 33ft)
- 10045: Set of MAC HV / VGA Cable Adapter
- 10056: 5 BNC / 5 BNC Cable (6m - 20ft)
- 10058: 5 BNC / 5 BNC Cable (10m - 33ft)
- 10104: 5 BNC / 5 BNC Cable (20m - 66ft)
- 10116: DB9 (M/F) Remote Cable (3m-10ft)
- 12018: Set of 6 Audio 5 pin screw terminal