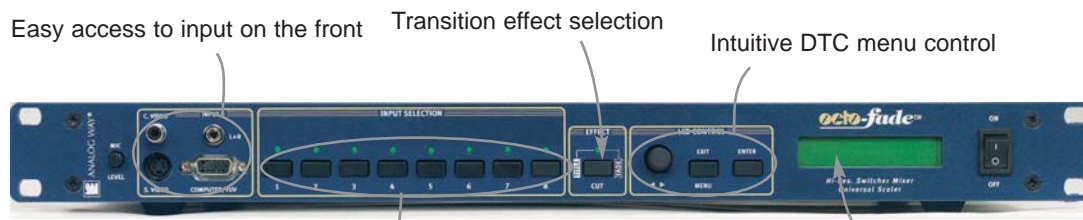


# Octo Fade™

## Octo Fade

Ref. OFD802

- > Computer and Video AV Seamless Switcher
- > 8 Universal Inputs with Audio/Video & 1 Microphone:
  - NTSC/PAL/SECAM, S.Video, YUV, RGB, HDTV,
  - Computer up to UXGA
- > 2 Scaled Outputs up to 1400 x 1050 & 1365 x 768 (& D-ILA)
  - Stereo Audio Output
- > Effects: Mixing, Titling



Easy access to input on the front

Transition effect selection

Intuitive DTC menu control

Direct input selection with LED

Easy to read 2 line LCD screen

- **8 Universal Inputs:**
  - Computer up to UXGA, Video, HDTV + Audio
  - 1 full featured microphone Input

- **2 Buffered Outputs:**
  - Scaled up to SXGA, D-ILA, HDTV

- **Effects:**
  - Ultra smooth and Seamless Switching modes
  - Dissolve & title, active title even while switching between 2 Inputs



Standard IEC international power connector

RS232 communication port on a DB9 female connector

Microphone input with optional Voice Over control

Universal inputs on BNC and HD15 female connectors for versatility of use

2 simultaneous outputs on HD15 female connectors

Audio inputs and outputs on MCO and Jack 3.5mm connectors, stereo inputs with individual line control, output volume and balance control

# SEAMLESS SWITCHERS

## Download

at [www.analogway.com](http://www.analogway.com):

- product spec sheets in pdf
- latest product upgrades
- latest control software

## TECHNICAL SPECIFICATIONS

### 8 UNIVERSAL VIDEO INPUTS:

- **Composite Video**  
NTSC = 15.735 kHz/60 Hz  
PAL/SECAM = 15.625 kHz /50Hz
- **S.Video (Y/C)**  
NTSC = 15.735 kHz/60 Hz  
PAL/SECAM = 15.625 kHz /50Hz
- **Component (YUV)**  
15.625 kHz/50 Hz – 625L  
15.735 kHz/60 Hz – 525L
- **RGB/S (TTL or 0.3V Analog)**  
RGsB (SOG: 0.3V Analog)  
15.625 kHz/50 Hz – 625L  
15.735 kHz/60 Hz – 525L
- **Computer (RGB HV, RGB/S et RGsB):**  
PC, Mac, Workstation, automatic sync & centering, resolution from 640x480 to 1600x1200 (up to 130kHz)
- **HDTV: Component (HD- YUV 3 level sync.)**  
1080i/60Hz, 720p/60Hz, 480p/60Hz

### AUDIO INPUTS:

- 8 x Stereo inputs
- 5 balanced audio inputs
- 3 unbalanced audio inputs
- Vi = + 4 dBu max.
- Zi = 22 K $\Omega$  unbalanced
- Zi = 44 K $\Omega$  balanced
- Gain: adjustable
- 1 x Microphone input mixed with the 8 audio inputs, adjustable level on each

### DISPLAY OUTPUT:

- 2 x Buffered outputs
- RGB HV, RGB/S or RGsB selectable, (H&V separated, sync. Composite or SOG)
- RGB = 0.7V p/p (75 Ohms load)
- Selectable output resolution: VGA, SVGA, XGA, SXGA, SXGA+, D-ILA, 16/9, Plasma 852x480, 1365x768, 720p, 480p

### AUDIO OUTPUT:

- Stereo output (balanced & unbalanced)
- Vo = + 4 dBu max
- Zo = 300 Ohms unbalanced
- Zo = 600 Ohms balanced
- G = 0 dB nominal, with master volume

### USER CONTROLS AND CONNECTORS:

- **FRONT PANEL**
- Selection of Inputs 1 to 8
- Microphone sensibility
- Effect selection: Title, fade & cut
- LCD WINDOW & CONTROL BUTTONS:  
Proc. image adjustments, input format, output format & sync., audio input level and output volume, position & size, front panel control lockout

### BACK PANEL:

- **Input Connectors:**
- Inputs 1 to 3: on BNC & HD 15F
- Inputs 4 to 7: on HD 15F
- Input 8: on RCA, Mini DIN 4 or HD 15F
- Audio inputs 1 to 5: on 5-pin screw terminal
- Audio inputs 6 to 8: on 3.5 jack stereo
- Microphone: on 6.35 jack stereo (balanced)

### Output Connectors:

- Display output: 2 x HD 15F connectors
- Audio output: 5-pin screw terminal (balanced)

### OTHERS:

- RS 232 serial com port for remote control and update
- Optional RJ45 for IP/Ethernet control

### POWER SUPPLY:

- Internal, universal, automatic 100-250 VAC; 50/60 Hz (50 W) (UL, CSA, GS, CE)  
ON/OFF AC Main Switch

### DIMENSIONS:

- D 11.8" x W 19" x H 1.74"
- D 300 x W 482 x H 44 mm

**WEIGHT:** 3,5 kg (7.7 lbs)

### SUPPLIED WITH:

- 1 x VGA M/M cable
- 1 x Power cable
- 1 x S.Video cable (4-pin mini DIN-2 BNC)
- 1 x HD15 to 5 BNC cable
- 1 x Set of 6 audio 5-pin screw terminal
- 1 x Remote control software

**WARRANTY:** 3 year warranty on parts and labor back to factory

Specifications subject to change at any time without prior notice

**Octo Fade™** by Analog Way is a **Computer & Video Up/Down Scaler Switcher** featuring fading & titling effects. Fitted with 8 universal A/V inputs, it performs a fast and ultra-smooth transition between any Video or Computer sources. It also allows a true seamless switching between a reference Computer & Computer or Video inputs. **Octo Fade** provides high performance capabilities and powerful functionalities.

**TITLING Effect:** An active title can be maintained while switching between 2 inputs. The title remains on the screen during the transition. **Octo Fade** also features a shadow title effect with settable vertical size and position and can display a title over a Computer or Video image.

**FADING Effect:** Fade, dissolve, black and cut effects are available between Video (TV) and Computer or between Computer & Computer. **Octo Fade** allows to adjust the cross-fading duration.

Each of the 8 universal inputs is fitted with a balanced stereo audio line. The audio can either follow or break away from the Video image, and its level can be adjusted for each input. One additional fully featured field operational microphone input is provided with "anti-pop" filter, Noise Gate and compressor function.

**Octo Fade** can fit with the native resolution of the projection display and provides a high image quality thanks to its integrated digital decoder, improved 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, time base corrector, frame rate converter & follower and its 2 buffered outputs. All individual image controls settings are stored in non-volatile memories. The RS232 & IP Ethernet controls ensure compatibility with future upgrades.

This ultra compact and user friendly device is especially dedicated to High Resolution A/V presentation displays, conference and boardrooms.

## To control the Octo Fade: RK 802-F Remote Keypad

The **RK802-F** Remote Keypad is a **compact remote control device** dedicated to the **Octo Range**, to control the main functions of the unit from up to 100 m (333 ft) with a single serial cable.

**RK802-F** requires no power supply and can be used either on a table top, set in a console or mounted in a wall.

A set of labels is provided to customize the input names. The keypad functions are designed with simplicity in mind resulting in an easy to use control unit.



### Optional: Voice Over Features

- Threshold: variable 255 steps
- Depth: 8 steps (0dB to mute)
- Release Time: 0.5 sec. or 2 sec.
- Hold Time: 2 sec.

## REFERENCES

- **OFD802:** Octo-Fade™ with RS232 com port
- **RK802-F:** Remote Control Keypad\*

## OPTIONS

- **OPT-VOV 802:** Voice Over control for microphone
- **OPT-LAN:** IP/Ethernet control

\* sold separately