

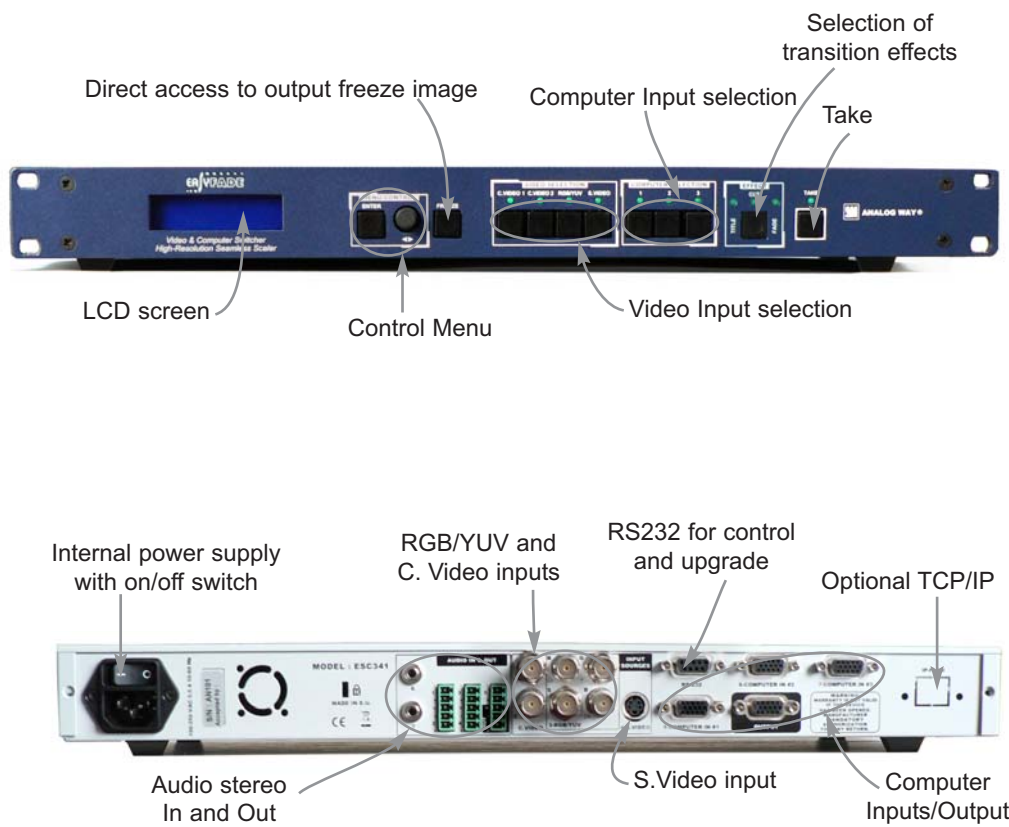
# Easy Fade™

## Easy Fade™

**New!**

**Model. EFD341**

- High Resolution Video Seamless Switcher/Scaler with Audio
- Effects: Cut, Fade, Title between Computer and Video sources
- User-friendly - Direct Access to Main Functionalities
- Computer Output format up to 1600 x 1200



### Features

- Inputs: YUV, Composite, S.Video, RGB, Computer
- RGB outputs up to UXGA
- Special Effects: Cross Fading, Cut and Tinting
- Aspect Ratio preserved
- Frame Rate Converter and Follower & ARC
- Auto 3:2/2:2 Pull Down
- Audio stereo Switcher
- RS232 Com Port
- Remote control software
- Freeze button
- Frame alert memory
- Optional TCP/IP control
- 19" rack case



ANALOG WAY®

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

P/N: EFD341/0507-VA

# Seamless Switchers

## Technical Specifications

### Video Inputs

- **2 x Composite Video**  
PAL/SECAM = 15.625 kHz / 50Hz  
NTSC = 15.735 kHz / 60 Hz  
Black and White : 15 kHz/50-60Hz
- **1 x S.Video (Y/C)**  
PAL/SECAM = 15.625 kHz / 50 Hz  
NTSC = 15.735 kHz / 60 Hz
- **1 x Component or RGB/S or RGsB**  
15.625 kHz/50Hz - 625L  
15.735 kHz/60Hz - 525L  
RGB/YUV (0.7 Vp/p)  
Sync (TTL or 0.3V Analog)  
RGsB (SOG: 0.3V Analog)
- **Audio Stereo Inputs**

### COMPUTER INPUTS (Active Loophthrough)

- 3 x Computer (PC, Mac) RGBHV, RGB/S
- Resolution from 640 x 480 up to 1600 x 1200

### Display Output

- **For Video Input:**
  - 2 x RGBHV, RGsB or RGsB selectable (buffered H & V separate Sync. or Composite sync.)
  - RGB = 0.7 Vp/p (75 Ohms load)
  - Selectable output resolution: 4/3: SVGA: 800x600  
XGA: 1024x768  
SXGA: 1280x1024  
SXGA+: 1400x1050  
UXGA: 1600x1200  
16/9: WVGA: 852x480  
720p: 1280x720  
WXGA: 1366x768 (D-ILA)
- **For Computer input:** from VGA to UXGA (24 kHz to 85 kHz), RGB HV/S identical to the input (buffered loophthrough)
- Audio stereo output

### User Controls and Connectors

#### FRONT PANEL

- Input Selection from Input 1 to 7
- Freeze: Freeze button
- Effect selection: Cut, fade, titling
- Take
- LCD screen & control buttons for:
  - Sharpness, brightness, contrast, color, hue
  - Overscan/underscan
  - Aspect Ratio (Source & Screen)
  - Output format & Sync.
  - Horizontal and vertical position and size adjustments
  - Front panel control locking

#### REAR PANEL

##### Input Connectors:

- Composite 1: BNC connector
- Composite 2: BNC connector
- S.Video: Y/C Mini DIN connector
- RGB/S & Component: 3/4 BNC connectors
- Computer: HD15F connector
- Audio: MCO 5 pin connector and 3.5mm jack stereo

##### Output Connectors:

- RGB on HD15
- Audio: MCO 5 pin connector

##### Other:

- DB9-F: Dual RS232 COM Port for full control of the device and for control of distant display
- RJ45: Optional Ethernet Control
- IEC for mains + On/Off switch

### Power Supply

Internal, Universal, and Automatic 100 - 250 VAC; 50 / 60Hz (20W) (UL, CSA, CE)

### Supplied with

- 1 x AC power cable
- 3 x MCO connectors
- 1 x Remote control software (CD)
- 1 x User manual

### Dimensions: 19", 1 unit compatible

D 10.43" x W 19" x H 1.74"  
D 265 mm x W 482 mm x H 44 mm

### Weight: 3 kg (6.6 lbs)

### Warranty

3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice

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**Easy Fade™** by Analog Way combines the functions of a **High Resolution Video Scaler** with an **Audio Video Switcher**. It is a state of the art **Scaler / Line Multiplier / Quadrupler / Doubler** which significantly increases Video image resolution and brightness. 3 Computer inputs are provided for direct display of your presentations or Internet applications. It also allows Audio Stereo switching.

**Easy Fade** is fitted with 4 Video Inputs including one RGB or YUV component on BNC. **Easy Fade** includes an Analog output on an HD15 connector.

**Easy Fade** includes 2 switching modes: Seamless or smooth switching. In seamless mode, the computer output format is identical to one of the 3 Computer inputs, the one selected as a reference. It allows to switch with cut, fade and titling effects between this PC and any Video source. This makes it a perfect solution for House of Worship applications.

**Easy Fade** features a non-volatile frame memory that can be used as a "welcome" or an "alert" message. This frame can be acquired from any Video input or it can be downloaded from a computer via RS232 or optional IP connection.

## Cables for Easy Fade

- **S.Video Cables from 1.8m / 6ft to 20m / 66 ft:**  
Ref. 10009 - 10093 - 10094 - 10095
- **VGA Cables of 0.4m / 1ft and 1.8m / 6ft (M/F and M/M):** Ref. 10014 - 10015 - 10077
- **VGA/BNC Adaptor of 1.8m / 6ft and 3m / 10ft (M/M and F/M):** Ref. 10023 - 10024 - 10025 - 10026
- **Remote Cables from 0.5m / 1ft to 30m / 100ft:**  
Ref. 10109 - 10110 - 10111 - 10112 - 10113 - 10114
- **Jack Stereo Cable of 1.2m / 4ft:** Ref. 10012 - 10013

The very high quality decoder of the **Easy Fade** includes an advanced comb filter, an emphasized "natural" color processing, a highly robust sync. detection and a 3D (pixel by pixel basis) auto-adaptive de-interlacing scheme (for motion artifacts). With automatic correction of the "film to video" transfer (3/2 & 2/2 pull down), it provides a superb image.

Image parameters such as brightness, contrast, color, aspect ratio and sharpness can be easily adjusted by the user. These parameters are stored for each Video input. A preset command enables to go back to factory settings. **Easy Fade** also features an automatic or manual stand-by mode, activated on the front panel or with the RS232 control. A second Com Port is available to automatically Start/Stop a distant display device according to the stand by status of the **Easy Fade**.

Black and white composite is also accepted (for industrial, security, camera applications, etc...) on **Easy Fade**. The input source aspect ratio 4/3, 16/9, widescreen can be selected as well as the size of the screen (4/3 - 16/9). The frame conversion & time base correction make it a great solution for Professional AV and Home Theater applications.

## Reference

> EFD341: Easy Fade™

## Option

- **OPT-LAN:** Optional TCP/IP control interface