

# DAC - 10

# Format Converter

## DV / Betacam, S-Video or Composite

©April 2004, Datavideo Co.



Convert between DV and Analog Y.U.V. component video, S-Video and Composite. Built in black burst generator makes it easy to synch your decks to the DAC-10.

**Selectable Video Standards**  
NTSC/PAL

**Selectable Blacklevel Setup**  
Black may be set at 0 or 7.5 IRE

**Inputs**  
Y.U.V., DV, Y/C, Composite

**Outputs**  
Y.U.V., DV25, Y/C, Composite  
Blackburst to synch Beta deck

**Audio Sampling Rate**  
Selectable 32 KHz (12 bit) or 48 KHz (16 bit)

**Audio Decoding Rate**  
Selectable 32 KHz (12 bit) or 48 KHz (16 bit)

**Computers**  
Mac, Windows 98/ME/2000/XP

**Dimensions/Weight**  
8" x 9.8" x 5.2"  
203 mm x 249 mm x 132 mm  
Weight 6 lbs/2.8 kg

**Power Input**  
DC 12V 1.0 Amp  
AC Adaptor

**Accessories (Included)**  
1.8m IEEE1394 6-4 Firewire Cable (1)  
1.8m IEEE1394 6-6 Firewire Cable (1)  
S-Video (1)  
BNC Cable (1)  
RCA Cable (1)  
Product Manual  
12V 1.0 Amp AC Adaptor



DAC - 10 Rear

# datavideo®

**Datavideo Corporation**  
12300 E. Washington Blvd., Suite U  
Whittier, CA 90606 U.S.A.  
Tel. 562-696-2324  
E-mail: [contactus@datavideo-tek.com](mailto:contactus@datavideo-tek.com)  
<http://www.datavideo-tek.com>

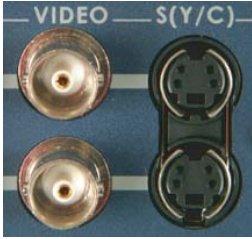
**Datavideo Technologies Co., Ltd.**  
10F, No. 176, Jian-Yi Rd., Chung Ho City,  
Taipei Hsien 235, Taiwan, R.O.C.  
Tel. 886-2-8227-2888  
E-mail: [info@datavideo.com.tw](mailto:info@datavideo.com.tw)  
<http://www.datavideo.com.tw/>

**Datavideo Technologies Europe BV**  
Californiedreef 26, 3565 BL Utrecht,  
The Netherlands  
Tel. +31 30 261 9656  
E-mail: [info@datavideo.nl](mailto:info@datavideo.nl)  
<http://www.datavideo.nl/>

**Datavideo Technologies China Co., Ltd.**  
2F-D, No. 2, Lane 777, West Guangzhong Rd.,  
Zhabei District, Shang-Hai, China  
Tel. 886-21-56036599  
E-mail: [info@datavideo.cn](mailto:info@datavideo.cn)  
<http://www.datavideo.cn>

## S-Video I/O

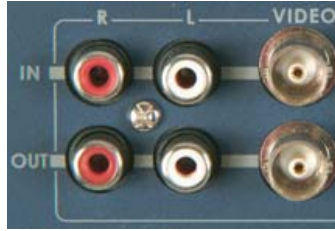
S-Video I/O is always live.



ANALOG

## Composite Video, Unbalanced Audio I/O

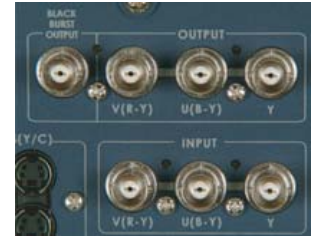
Composite video, unbalanced audio and analog video are all live. Use the BAC-03 converter for balanced audio.



ANALOG

## Component Y.U.V. I/O

To or from Betacam Y.U.V.  
Includes a black burst generator.



ANALOG

## Color Adjustment

Phase rotation and (hue for NTSC) are wonderful controls for real time tweaks.



CONTROLS

## Two DV (IEEE 1394) I/O

Convert a signal and feed it into a computer and a HDD recorder at the same time.



DIGITAL

## Black Burst Output

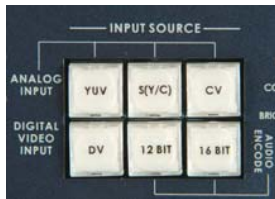
Use this black burst output to lock a Betacam deck to the DAC - 10.



ANALOG

## Video Input & Output Buttons

All of the cables remain attached. Select by pushing buttons. The last setup is always saved on power down.



CONTROLS

## 0/7.5 IRE, NTSC/PAL Locked/Unlocked Audio

These normally covered dip switches let the DAC - 10 work all over the world. Use the same DAC - 10 to convert in London, New York, Tokyo, Moose Jaw, Ulaanbaatar, Perth, Caracas or Casablanca.



CONTROLS

## Audio Input Level Control

Imagine, being able to set the audio level at each step of the conversion process.



CONTROLS

## BAC - 03 Converter

Balanced/Unbalanced Audio Box  
Use this box to input/output balanced audio used in Betacam Decks, audio mixers, etc. It's also a good addition to any video tech's tool box.  
(Front & Rear Views Shown)



## Rack Mount 1 DAC - 10

Rackmount for Two DAC - 10's  
Mount two DAC - 10's in a standard rack. 2U high. or, mount one DAC - 10 and one DAC - 5.  
The DAC - 5 converts between DV and SDI.



## Rack Mount 2 DAC - 10's

Rackmount for one DAC - 10  
Mount one DAC - 10 in a standard rack. 2U high.



DAC - 10