



DAC-5 converts SDI video and AES/EBU audio to and from FireWire DV audio/video.

Selectable Video Standards

NTSC/PAL

DV25 I/O

6 pin FireWire ports (2)
(DV25 NTSC 4:1:1, PAL 4:2:0)

SDI I/O

BNC SDI (1)
(SMPTE 259 M-C standard at 270 Mbps)

Digital Audio I/O

AES/EBU: 2 channels BNC 75 ohm, 32 KHz,
48KHz unbalanced
DV: 32 KHz, 48 KHz

Blackburst Out

Black Burst (BNC 75 ohm)

Audio Decoding Rate

Selectable 32 KHz (12 bit) or 48 KHz (16 bit)

Locked/Unlocked Audio

2-channel locked/unlocked option

Video Monitoring

Composite S-Video
Component Y/C

Audio Monitoring

Unbalanced 2 x Audio Phono
Bandwidth: 20 KHz ~ 20 KHz
S/N Ratio: > 60 dB, THD: < 0.3%

Computers

Windows 98, ME, XP, 2000 and MAC OS

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)

1.2 m BNC TO BNC (3)
30 cm Cable D-Sub 15 pin to BNC-Male*2
1.2 m Y/C cable s-plug to s-plug (1)
5' 2 RCA to 2 RCA (1)
1.8 m 6-4 pin Cable (1)
1.8 m 6-6 pin Cable (1)
AC Cord (1)
Switching Adaptor (1)
Product Manual (1)
12V 1.0 Amp AC Adaptor(1)



DAC - 5 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
<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
<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
<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
<http://www.datavideo.cn>

Video Monitoring

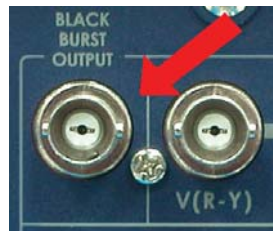
Monitor your video in composite, component or S-Video.



ANALOG

Black Burst Output

Use this back burst output to lock a Betacam deck to the DAC - 5



ANALOG

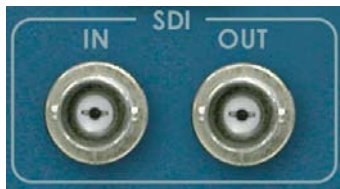
Analog Audio

There are two channels (RCA connectors) to monitor audio output. For balanced audio, use the BAC-03 audio accessory.



ANALOG

SDI I/O



DIGITAL

Digital Audio

Two channels AES/EBU CH1/CH2 In and Out thru the D-Sub 15 pin to BNC connectors.



DIGITAL

DV I/O



DIGITAL

Audio I/O



CONTROLS

Rack Mount 1 DAC - 5

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

Rack Mount 2 DAC - 5

Rackmount for one DAC - 5
Mount one DAC - 5 in a standard rack.
2U height.

Pin 1	XLR positive in (optional)
Pin 2	XLR positive out (optional)
Pin 3	BNC in (signal)
Pin 4	Toslink in (optional)
Pin 5	Toslink in + 5V power supply (optional)
Pin 6	Ground
Pin 7	Ground
Pin 8	BNC in ground
Pin 9	BNC out ground
Pin 10	Ground
Pin 11	XLR negative in (optional)
Pin 12	XLR negative out (optional)
Pin 13	BNC out (signal)
Pin 14	Toslink out (optional)
Pin 15	Toslink out + 5V power supply (optional)

Dip Switch Setting for Mode Select:

Note1: Mode DIP switch (**Reboot the DAC-5 if you change a DIP Switch**)
S1 PAL or NTSC (PAL-ON, NTSC-OFF)

S2 7.5 IRE/0 IRE (0 IRE-ON, 7.5 IRE-OFF) (NTSC mode only)

Note2: 0 IRE is most often used in Japan 7.5 IRE is used elsewhere.

S3 Locked Audio Mode

S3 OFF: Locked Audio

S3 ON: Unlocked Audio

S4 & S5 for NTSC and PAL Video System

S5	ON	S4	ON	MAC OS
			OFF	Windows 2000 and Windows 98
S5	OFF	S4	ON	Windows XP and Windows ME
			OFF	Camera

S6 Factory setting (OFF), please do not change

DAC - 5