

PURPOSE



High-quality Bidirectional Analog/Digital Video Conversion

Use ADVC110 to connect all analog and digital video cameras, decks and editing systems. ADVC110 is a portable and easy-to-use digital video converter compatible with Windows and Mac OS computers. ADVC110 is the ideal device for capturing and outputting analog video from any FireWire-equipped notebook and desktop computer. There are no drivers to install and ADVC110 does not require a power supply when used with a 6-pin FireWire cable.

ADVC110: Key Features

- Connects to all widely used DV and analog video equipment
- Compatible with Windows and Mac OS DV editing systems
- Compatible with leading editing and DVD authoring applications including Canopus EDIUS, Canopus Let's EDIT, Final Cut Pro®, Adobe® Premiere® Pro, Vegas®, iLife®, Ulead MediaStudio® Pro, and Windows® Movie Maker
- Audio-only conversion support
- No need to install drivers or any software applications
- Powered by IEEE 1394 FireWire connector*
- NTSC and PAL compatible
- Color bar reference signal generator

*The ADVC-PSU5V AC Adaptor Kit (sold separately) is required when connecting ADVC110 to a 4-pin IEEE 1394 FireWire port.

Intelligent Input/Output

ADVC110's intelligent usability allows for easy setup and connection in any video environment. Front and rear connectors provide analog and DV signal pass-through and ensure that connecting cables is neat and simple.

ADVC110 Front



ADVC110 Rear



ADVC110 also features a color bar reference signal generator to further enhance its integration into any video production environment.

Proven DV Codec Technology

At the heart of ADVC110 is the innovative Canopus DV codec chip, providing the industry's best picture quality preservation during analog-to-DV and DV-to-analog conversion.

Locked/Unlocked Audio Support

Other converters can lose audio/video sync when converting longer segments of video. ADVC110 supports locked audio when converting from analog to digital, assuring perfect audio and video synchronization. ADVC110 also allows conversion of analog audio signals

only, when needed.

Long Product Life

The broadest video equipment and editing software compatibility ensures ADVC110 provides a long product life and a high return on investment.

Specifications ▲ **ADVC110:**

Package Contents:

- ADVC110 unit
- 1 x IEEE 1394 FireWire cable (6-pin – 6-pin)
- User manual

ADVC-PSU5V AC Adaptor Kit*

- 1 x AC power adapter
- 1 x FireWire cable (6-pin – 4-pin)

*ADVC-PSU5V Adaptor Kit sold separately.

Note: Use of other power supplies for ADVC110 operation is not recommended and will void warranty.

Technical Specifications:

Video Formats*

- NTSC: 720x480 @ 29.97fps
 - PAL/SECAM: 720x576 @ 25fps
- *ADVC110 accepts SECAM video input only.

Audio Formats

- 2-channel 48kHz 16-bit
- 2-channel 32kHz 12-bit

Digital Video Input/Output

- 1 x 4-pin FireWire (100Mbps)
- 1 x 6-pin FireWire (100Mbps)

Analog Video Input

- 1 x S-Video (4-pin miniDIN)
- 1 x composite (RCA)

Analog Video Output

- 1 x S-Video (4-pin miniDIN)
- 1 x composite (RCA)

Analog Audio Input (unbalanced)

- 1 x stereo (RCA)

Analog Audio Output (unbalanced)

- 1 x stereo (RCA)

Power Source

- IEEE 1394 bus powered or DC5V from EIAJ#2 DC jack

Power Usage

- 4.5W
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ADVC-PSU5V AC Adaptor Kit* Technical Specifications:

Power Input

- DC5V

Power Supply

- DC5V AC Adapter AC100V/220V

*ADVC-PSU5V Adaptor Kit sold separately.

Note: Use of other power supplies for ADVC110 operation is not recommended and will void warranty.

Minimum System Requirements:

Note: A video capture card or OHCI FireWire connection is required to capture DV.

Windows PC

- Windows® 2000 (requires Service Pack 3 or higher), Windows® XP Home or Windows® XP Professional (requires Service Pack 1 or higher)
- DirectX 8.0 or higher

Mac

- Mac OS X (10.1 or later)
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Service and Support:

- 3-year limited warranty
- Access to the Canopus Registered Users Web site at www.canopus.com when you register your product in an active [Canopus User Account](#)