# Models 1182, 1183 & 1184

Product Focus

## Video DC Blockers

Audio/Video sources such as cable boxes or satellite dish receivers may fail to work properly when their output is routed through a switcher or distribution amplifier, or even when connected directly to a TV. Often the problem may be related to direct current (DC) being present In the source's video output signal especially when color problems or picture stability problems occur. Audio Authority's **Models 1182 & 1183** Video DC Blockers eliminate this problem by removing DC that may be present in the video output signal of certain set-top and cable boxes on the market today— passively by the **1182** and actively by the **1183.**


**1182**

### 1182 Passive Video DC Blocker

- Passively removes DC from the video signal. No power required.
- Connects directly in the component video output signal path of the STB or cable box.
- Solves DC problems related to the Scientific Atlanta SA8300 digital cable box.
- Will NOT solve DC problems related to the Dish Network 622 and other related receivers - use the 1183 for that application.
- Dimensions (H-W-D, inches) 2 X 3 X 0.9


**1183**

### 1183 Active Video DC Blocker

- Actively removes DC from YPbPr video signal.
- Connects directly in the component video output signal path of the STB or cable box.
- Input and output have 75 ohm termination
- Buffered output
- Solves DC problems related to some Dish Network satellite receivers.
- Power supply included.
- Dimensions (H-W-D, inches) 2.25 x 4.0 x 1.5

## Signal Hum Eliminator

In addition to blocking video DC, the **Model 1184** is designed to solve the problem of rolling video hum bars caused by AC-line related noise due to ground loops in coaxial cabling. It can be installed at the input of any device, such as a television display, that exhibits signs of a ground loop.


**1184**

### 1184 Signal Hum Eliminator

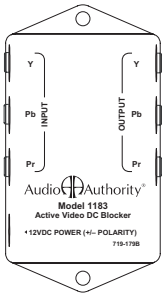
- Uses active circuitry to isolate the input and output grounds of the source and the display to eliminate hum bars at the end of a long run of coaxial cable.
- Active circuitry also greatly reduces signal loss that is exhibited by passive hum reducing devices.
- Provides video input clamping to thoroughly eliminate artifacts caused by differences in electrical potential between the TV chassis of equipment connected to it.
- Eliminates hum from low level stereo audio signals.
- Dimensions (H-W-D, inches) 3.5 x 5.5 x 1.3

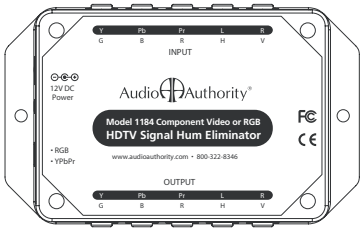
## Models:

**1182**

**1183**

**1184**


## SPECIFICATIONS:

| | 1182 | 1183 | 1184 |
|---|---|---|---|
| Video Signal Type | Component or RGB | Component or RGB | Component/RGBHV |
| Video Formats | 480i/p, 720p, 1080i/p | 480i/p, 720p, 1080i/p | 480i/p, 720p, 1080i/p |
| Input/Output Impedance | 75 ohms | 75 ohms | 75 ohms |
| Input Ground Isolation | No | No | Yes, Full-Time |
| Gain/Gain Accuracy | 1/1% | 1/1% | 1/1% |
| 3dB Video Bandwidth | 200MHz | 100MHz | 250MHz |
| Video Input Coupling | AC | AC | AC/sync tip clamped |
| Video S/N Ratio | 90 dB | 75dB | 65dB |
| Max Gain/Equalization | 1 | 1 | 1 |
| Audio Type | • | • | Analog Only |
| Audio Input Impedance | • | • | 11 ohms |
| Minimum Load Impedance | • | • | 10 ohms |
| Audio Frequency Response | • | • | DC-1MHz |
| Audio S/N Ratio | • | • | 75dB |
| Audio THD + Noise | • | • | 0.05% |
| Crosstalk | • | • | 75dB |
| Warranty | One Year Replacement | One Year Replacement | One Year Replacement |
| Dimensions (H x W x D) | 2 x 3 x .9 | 2.25 x 4 x 1.5 | 3.45 x 5.5 x 1.32 |
| Power Supply PN | None | 571-013 | 571-013 |
| Power Requirements | None | 100-240 VAC, 50-60Hz | 100-240 VAC, 50-60Hz |

Audio Authority also offers an extensive line of audio and video switchers, converters, and distribution amps. All units are FCC, and CE approved, and all power supplies are UL, CE and CSA approved.

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2048 Mercer Road, Lexington, KY 40511-1071 USA
Phone: 859-233-4599 • Fax: 859-233-4510
Customer Toll-Free USA & Canada: 800-322-8346
www.audioauthority.com