



# Tech Info Library

## Apple II Video Overlay Card: Connectors (11/96)

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TOPIC -----

The Apple II Video Overlay card can receive video signals from any number of sources: VCR, Video camera, Video disc player, even cable television. Because there are numerous connectors associated with these video sources, it is necessary to clarify the connection schemes as they relate to the Apple II Video Overlay Card.

DISCUSSION -----

### Connection Schemes

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#### RGB Connections

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Any RGB monitor must be connected to the DB-15 connector on the card. The AppleColor RGB Monitor connects directly with the DB-15 cable that ships with the monitor.

If you are using another RGB monitor, you must build the correct cable. The Apple II Video Overlay Card DB-15 connector has the same pinout as the AppleColor RGB Monitor. For more information on this reference Tech Info Library article "AppleColor RGB Monitor input connector: Pinouts". It is a simple matter to construct the rest of the cable, using the pinout supplied with the third-party monitor.

#### External Video Source Connections

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To connect external video sources to the Apple II Video Overlay Card, at least one end of the cable must have an RCA phono plug. This end will connect to the overlay card. Normally, consumer electronics video sources will have an RCA connector for direct video output. To ensure top quality video reproduction, use gold-plated RCA connectors.

#### BNC-Style Connections

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It is normal for some high-end professional video equipment to have BNC-style

connectors for the video output. If this is the case, an adapter must be used to convert the BNC connector to RCA phono type for connection to the card. These are readily available at most electronics stores.

RF Connections (also known as an "F" connector)

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If your video equipment uses an RF cable (also known as an "F" connector), it cannot be directly connected to the Apple II Video Overlay Card. You must connect this cable to a VCR first, then connect the VCR to the overlay card, using an RCA phono type cable.

S-VHS Information

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It is not possible to feed an S-VHS (Super VHS) signal into the overlay card. If your S-VHS equipment has RCA phono jacks, cables can be connected from these jacks to the card, but the overlays resulting from this connection will have the resolution of standard VHS, not S-VHS.

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