



# Tech Info Library

## Apple ///: Color Video Port Pinouts (2/95)

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TOPIC -----

This article provides a description of the Apple /// color video port.

DISCUSSION -----

DB-15 Connector    Signal    Description

- 1 ....Shield Ground - Establishes electrical ground.
- 2 ..... XRGB4 - One of 4 RGB outputs. Pins 2, 5, 9, & 10 are TTL outputs with instantaneous color information. A linear-weighted sum of these four signals will form a true 16 color RGB video signal.
- 3 ..... SYNC - Composite negative synchronous signal.
- 4 ..... PDI - Not used
- 5 ..... XRGB1 - See pin 2 (one of 4 RGB outputs)
- 6 ..... GND - Power & Signal Ground
- 7 ..... -5V - Maximum load 200 mA
- 8 ..... +12V - Maximum load 500 mA
- 9 ..... XRGB2 - See pin 2 (one of 4 RGB outputs)
- 10 .....XRGB8 - See pin 2 (one of 4 RGB outputs)
- 11 .....BWVID - NTSC B&W Composite video with negative going sync, 1 volt peak to peak into a 75 ohm load.
- 12 .....NTSC - NTSC Color video with negative going sync, 1 volt peak to peak into a 75 ohm load.
- 13 .....GND - Power & Signal Ground
- 14 .....-12V - Maximum load 200 mA
- 15 .....+5V - Maximum load 1 Amp.

Article Change History:

14 Feb 1995 - Reviewed for technical accuracy, revised formatting.

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