
Macintosh Technical Notes



#144: Macintosh II Color Monitor Hookups

See also: *Designing Cards and Drivers
for Macintosh II and Macintosh SE
Macintosh Hardware Reference*

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This technical note describes how to connect the Macintosh II Video Card to third-party monitors.

Here are the pin outs of the Macintosh II Video Card (15-pin D connector):

<u>Macintosh II Video Card Pin</u>	<u>Signal Name</u>
1,4,6,11,13,14	Ground
2	Red
3	CSync- (composite sync)
5,12	Green (with sync)
9	Blue
7,8,10,15	Not connected

Sony Multiscan (CPD-1302)

To hook a Sony Multiscan monitor to a Macintosh II, you will need to make an adapter cable from the video card to the monitor (which has a 9-pin D connector).

Here is the pin out description for the adapter cable (using the automatic sync-on-green configuration):

Macintosh II Video Card Pin	Sony Pin	Signal Name
1	1	Ground
2	3	Red
5	4	Green (sync)
9	5	Blue

NEC MultiSync (JC-140IP3A)

To hook an NEC MultiSync monitor to a Macintosh II, you will again need to make an adapter cable from the video card to the monitor (which has a 9-pin D connector).

Here is the pin out description for the adapter cable (using the sync-on-green configuration):

Macintosh II Video Card Pin	NEC Pin	Signal Name
1	6,7,8,9	Ground
2	1	Red
5	2	Green (sync)
9	3	Blue

The monitor must be set to Analog mode and manual mode. The above adapter cable will also work with an equivalent monitor such as the Taxan Super Vision 770.