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PC Compatibility Card: Card And Cable Pinouts (4/97)

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Security: Everyone

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TOPIC -----

This article describes the video loopback cable that comes with the PC Compatibility cards, and provides pinouts for the cable and the card.

DISCUSSION -----

The Apple PC Compatibility cards come bundled with a three-headed video loop-back cable (part number 922-2216). The cable allows the routing of both the PC video signal and the Macintosh video signal to a single monitor.

Listed below are the pinouts for the 26-pin video connector and the 15-pin connector on the card, and the pinouts for the three-headed video loop-back cable:

Begin_Table

VIDEO CONNECTOR

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Pin	Signal	Description
1	MAC HSYNC	Macintosh horizontal sync.
2,4,6,8	GND	Logic ground
3	MAC BLUE	Macintosh blue signal
5	SENSE0	Sense line 0
7	BLUE OUT	Blue output from PCI card
9	HSYNC OUT	Horiz. sync. output from PCI card
10	MAC CSYNC	Macintosh contrast sync.
11,13,15,17,21,24	GND	Chassis ground
12	MAC GREEN	Macintosh green signal
14	SENSE1	Sense line 1

16	GREEN OUT	Green output from PCI card
18	CSYNC OUT	Contrast sync. out from PCI card
19	MAC VSYNC	Macintosh vertical sync.
20	MAC RED	Macintosh red signal
22	CABLE DET L	Cable detect low
23	SENSE2	Sense line 2
25	RED OUT	Red output from PCI card
26	VSYNC OUT	Vertical sync. out from PCI card

JOYSTICK PORT

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Pin	Signal

1,8,9	VCC I/O
2	JOYF 0
3	JRC 0
4,5	GROUND
6	JRC 1
7	JOYF 1
10	JOYF 2
11	JRC 2
12	MIDI OUT
13	JRC 3
14	JOYF 3
15	MIDI IN

Frame Ground (threaded screw holders used to attach cable)

VIDEO 'Y' CABLE PINOUTS, 26-PIN END TO PC COMPAT. CARD

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Pin	Signal

1	MAC HSYNC
2	HSYNC RETURN
3	MAC BLUE
4	MAC BLUE RETURN
5	SENSE 0
6	BLUE OUT RETURN
7	BLUE OUT
8	HSYNC OUT RETURN
9	HSYNC OUT
10	MAC CSYNC
11	CSYNC RETURN
12	MAC GREEN
13	GREEN RETURN
14	SENSE 1
15	GREEN OUT RETURN

16	GREEN OUT
17	CSYNC OUT RETURN
18	CSYNC OUT
19	MAC VSYNC
20	MAC RED
21	RED RETURN
22	CABLE DET
23	SENSE 2
24	RED OUT RETURN
25	RED OUT
26	VSYNC OUT

VIDEO 'Y' CABLE PINOUTS, 15-PIN END TO MAC VIDEO

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Pin	Signal
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1	RED RETURN
2	MAC RED
3	MAC CSYNC
4	SENSE 0
5	MAC GREEN
6	GREEN RETURN
7	SENSE 1
9	MAC BLUE
10	SENSE 2
11	MAC SYNC RETURN
12	MAC VSYNC
13	MAC BLUE RETURN
14	CABLE DETECT
15	MAC HSYNC

VIDEO 'Y' CABLE PINOUTS, 15-PIN END TO MONITOR

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Pin	Signal
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1	RED OUT RETURN
2	RED OUT
3	CSYNC OUT
4	SENSE 0
5	GREEN OUT
6	GREEN OUT RETURN
7	SENSE 1
9	BLUE OUT
10	SENSE 2
11	CSYNC OUT RETURN
12	VSYNC OUT

13	BLUE OUT RETURN
14	HSYNC OUT RETURN
15	HSYNC OUT

End_Table

Article Change History:

16 Apr 1997 - Additional pinouts.

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