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Macintosh LC III: Using with a VGA Monitor (2/93)

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TOPIC -----

This article describes how to connect a VGA monitor to a Macintosh LC III.

DISCUSSION -----

To connect a VGA monitor to the Macintosh LC III videoport, a cable with the following configuration is required.

Macintosh LC III

DB-15

VGA Connector

Macintosh LC III		VGA Connector
2	----- Red Video	----- 1
1	----- Red Ground	----- 6
9	----- Blue Video	----- 3
13	----- Blue Ground	----- 8
5	----- Green Video	----- 2
6	----- Green Ground	----- 7
15	----- Hsync	----- 13
12	----- Vsync	----- 14
14	----- Sync Ground	----- 10
10	-----	
7	----- Connect 7 & 10 so the sense pin ID will equal VGA	

A few issues to remember when connecting VGA monitors to the Macintosh LC III:

- VGA monitors may have variances when purchased from different VGA monitor vendors. Test a particular monitor for compatibility with the Macintosh LC III before buying.
- VGA monitors from different vendors have different image quality specifications. There may be significant differences between Apple-brand monitors and VGA monitors. Look at the monitors side-by-side before buying.
- When a VGA monitor is connected as described above, the resolution is

640 x 480.

- The bit depth supported depends on the amount of VRAM installed. The Macintosh LC III ships with 512K of VRAM in one VRAM SIMM socket and is expandable to 768K.

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