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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 video port, a cable with the following configuration is required.

Macintosh LC III

DB-15

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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