



PRIORITY:	Normal
DATE:	May 20, 2004
TITLE:	AlphaEclipse 2500/2600 One-Line Sign Power Supply Wiring Issue
ECO REFERENCE:	n/a
PRODUCT(S) AFFECTED:	AlphaEclipse 2500/2600 Series One-Line Signs
SUMMARY:	Potential miswiring in some AlphaEclipse 2500/2600 series signs cause the signs to display information incorrectly.

Problem

Adaptive Micro Systems has identified a potential wiring issue in AlphaEclipse 2500/2600 series one-line signs manufactured *before* April 15, 2004. This issue may result in information on the signs displaying erratically. Signs longer than 128 columns and with more than one power supply may be affected by this issue.

The correct wiring for each power supply is as follows:

- First power supply — has a jumper plate between -V and earth ground on its terminal block (see photograph below).
- Second power supply — does not require a jumper plate. It has the -V black wires terminated at the -V position on its terminal block. Any incorrect terminations are *only* on the second power supply.



Power supply terminal block

-V positions

Earth ground position

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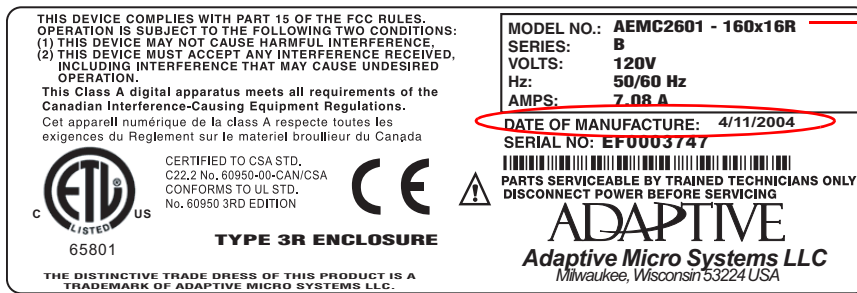
The distinctive trade dress of this product is a trademark claimed by Adaptive Micro Systems LLC.

Due to continuing product innovation, specifications in this manual are subject to change without notice.

Problem identification

Verify your sign meets the following criteria:

- The sign is displaying information incorrectly/erratically.
- The sign is an AphaEclipse 2500/2600 one-line sign.
- The sign is longer than 128 columns.
- The sign has more than one power supply.
- The sign's equipment identification label has a date of manufacture of before April 15, 2004:



2601 — 160X16R

LED lamp color:

- A = Amber
- R = Red

Width (pixel columns)
Height (pixel rows)

LED lamp viewing angle:

- 00 = 30 degree
- 01 = 70 degree

LED pitch:

- 25 = 0.45-inch pitch
- 26 = 0.60-inch pitch

Solution

If your sign meets all the criteria specified in the section above, contact Adaptive Technical Support at 800-558-7022 to correct the wiring on the power supply terminal block.