READ THIS FIRST

AlphaEclipse Signs
Master/Master Configuration

ADAPTIVE®
Adaptive Micro Systems LLC

http://www.adaptivedisplays.com/support/eclipse

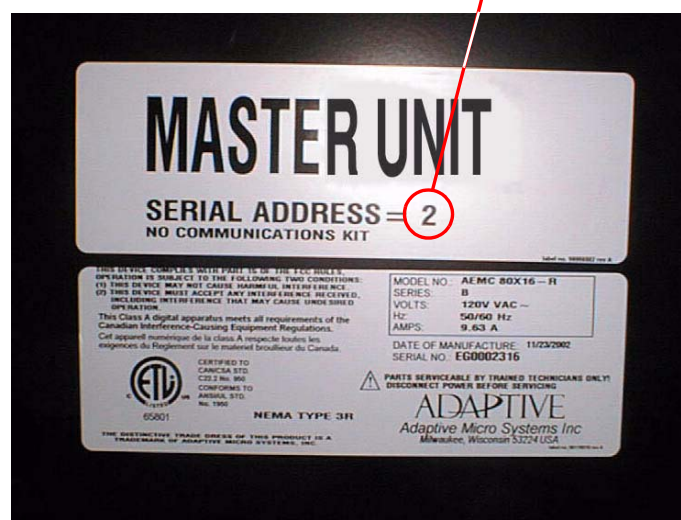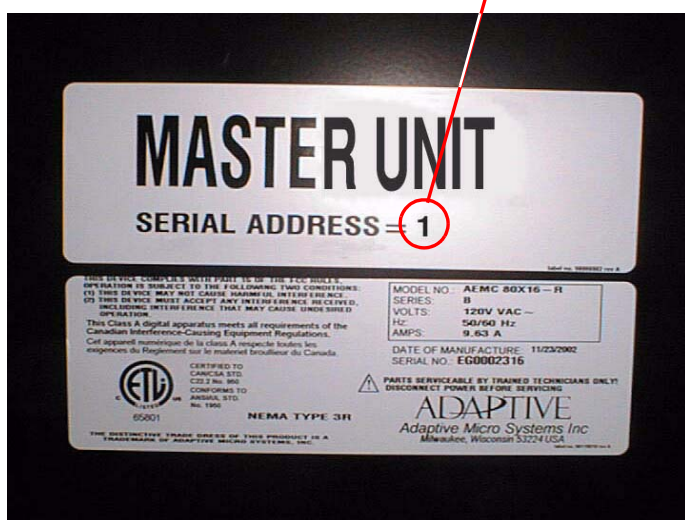CELEBRATING 25 YEARS MANUFACTURING LED PRODUCTS

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1   **Identify each sign. You should have two Master Units labeled Serial Address 1 and 2.**
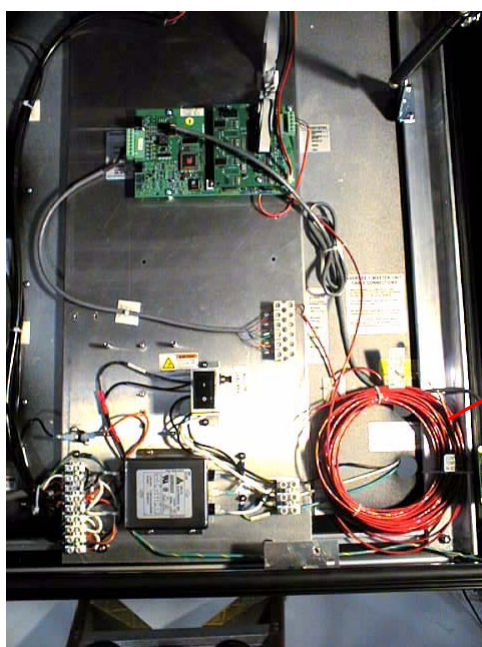
First Master Unit
Serial Address = 1
Contains 30-foot serial I/O cable

Second Master Unit
Serial Address = 2

Labels are attached to the back of each sign.

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2   **Open the first Master Unit labeled MASTER UNIT, SERIAL ADDRESS = 1 and locate the 30-foot serial I/O cable coiled inside.**
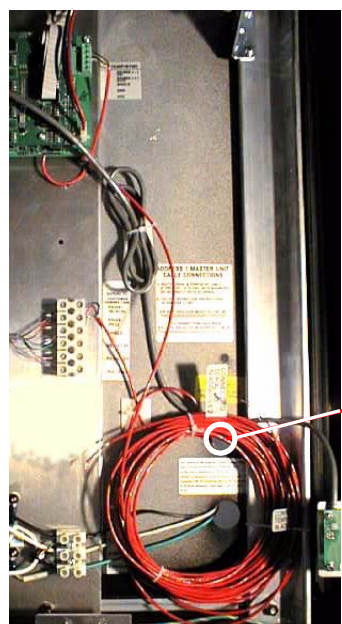
Serial I/O cable

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3   **Run the serial I/O cable out of the first Master Unit through the communications conduit opening and close the sign.**
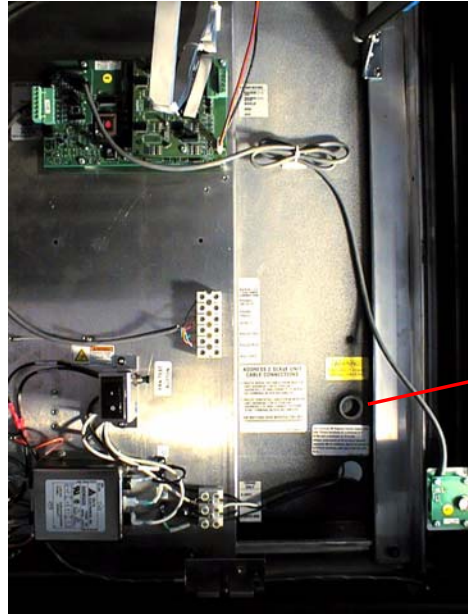
First Master Unit
Serial Address = 1

Communications conduit opening

Do not route the serial I/O cable with power wires.

4 Open the second Master Unit labeled MASTER UNIT, SERIAL ADDRESS = 2 and run the serial I/O cable into the sign through the communications conduit opening.
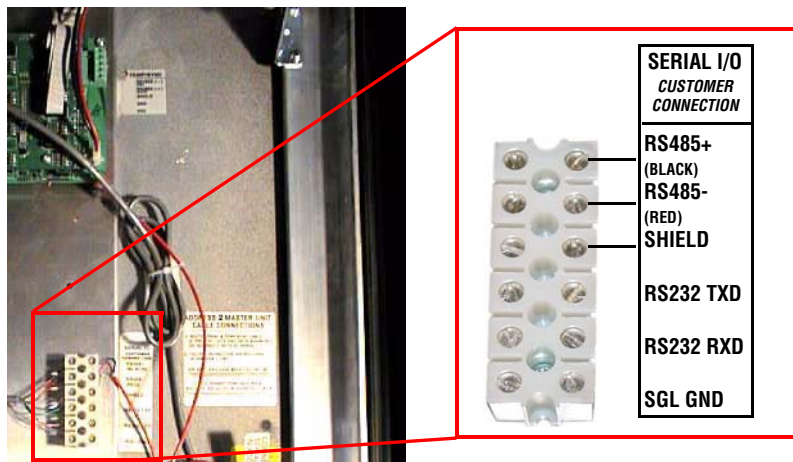
Second Master Unit
Serial Address = 2

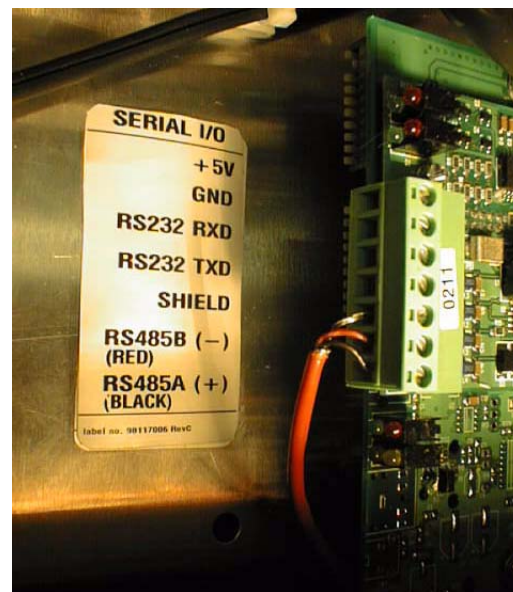

Communications conduit opening

Do not route the serial I/O cable with power wires.

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5 Connect the serial I/O cable to the second Master Unit as shown and close the sign.

AlphaEclipse 2500/2600/3500 signs

| SERIAL I/O |
| CUSTOMER CONNECTION |
| RS485+ (BLACK) |
| RS485- (RED) |
| SHIELD |
| RS232 TXD |
| RS232 RXD |
| SGL GND |

AlphaEclipse 2500/2600
16-row series only

SERIAL I/O
+5V
GND
RS232 RXD
RS232 TXD
SHIELD
RS485B (−) (RED)
RS485A (+) (BLACK)

Connect to the serial I/O terminal block on the controller board.

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6 Connect the signs to the desired interface according to the AlphaEclipse Sign Installation Manual for your model (2500/2600 or 3500).