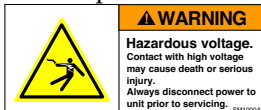


PRIORITY:	Normal
DATE:	December 28, 2005
TITLE:	AlphaEclipse Flash Card Replacement
ECO REFERENCE:	N/A
PRODUCT(S) AFFECTED:	- AlphaEclipse 3600 Series B - AlphaEclipse RoadStar - AlphaEclipse StreetSmart
SUMMARY:	This document describes how to update the firmware on a sign by physically inserting a firmware update flash card.

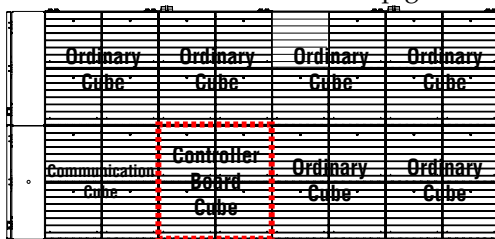
AlphaEclipse 3600 sign instructions

1. Remove power from the sign.

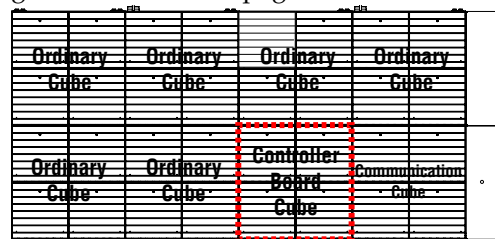


2. Open the sign door.

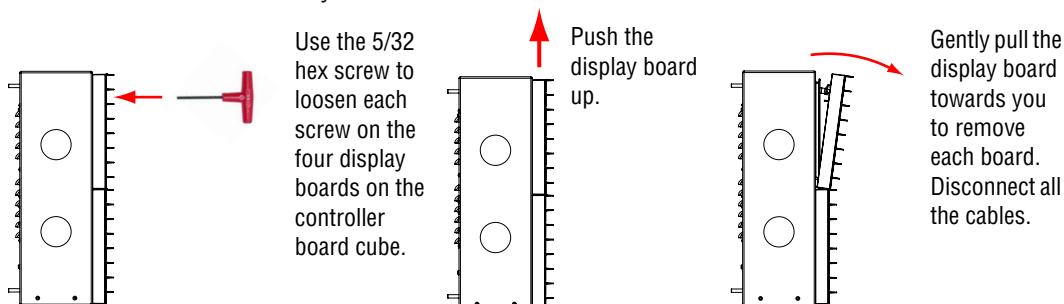
NOTE: When finished with this step go to "Updating the firmware" on page 3.



Location of controller cube on the AlphaEclipse 3600 with a left side wireway.



Location of controller cube on the AlphaEclipse 3600 with a right side wireway.



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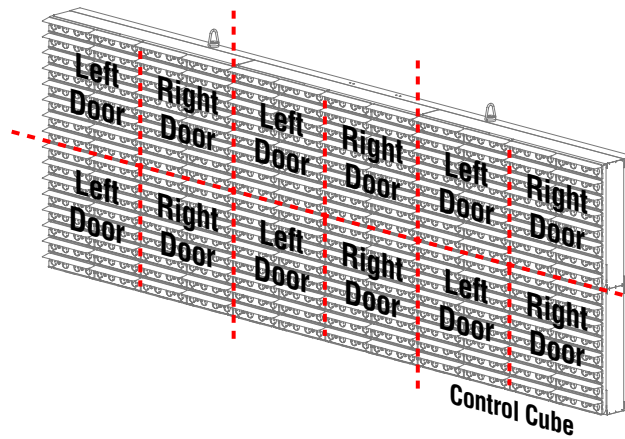
The distinctive trade dress of this product is a trademark claimed by Adaptive Micro Systems LLC.

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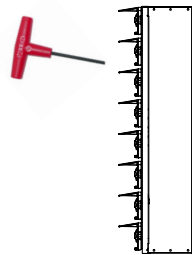
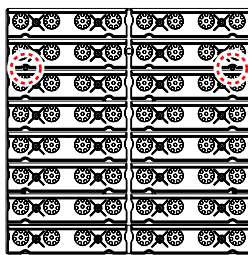
December 28, 2005

AlphaEclipse RoadStar sign instructions

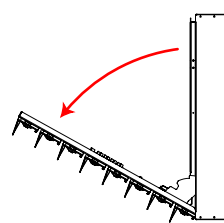
1. Remove power from the sign
2. Open the sign door.



AlphaEclipse RoadStar control cube location



Unlock the control cube right door.

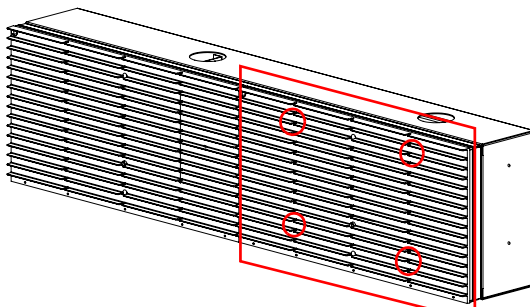


Pull the door towards you.

NOTE: When finished with this step go to “Updating the firmware” on page 3.

AlphaEclipse StreetSmart sign instructions

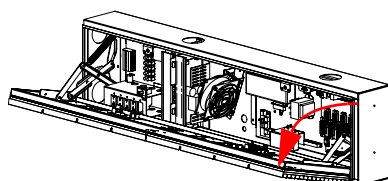
1. Remove power from the sign
2. Open the sign door.



AlphaEclipse StreetSmart controller location



Unscrew the hex screws (circled above) using a 5/32 hex tool.

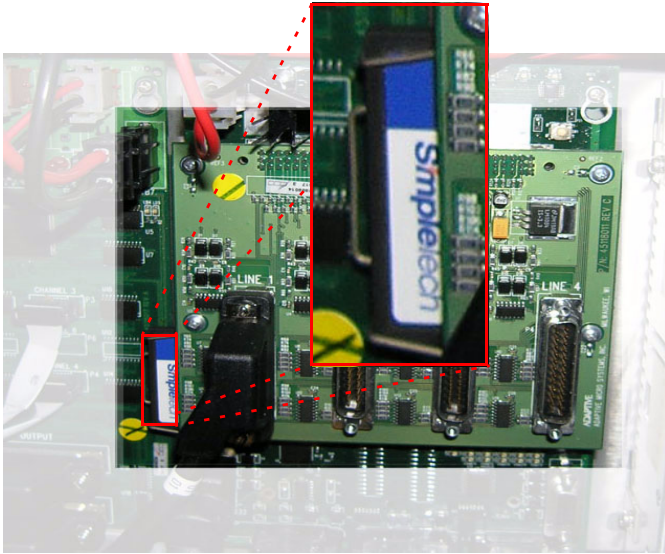


Pull the door towards you to open.

NOTE: When finished with this step go to “Updating the firmware” on page 3.

Updating the firmware

1. Remove the flash card from the controller.

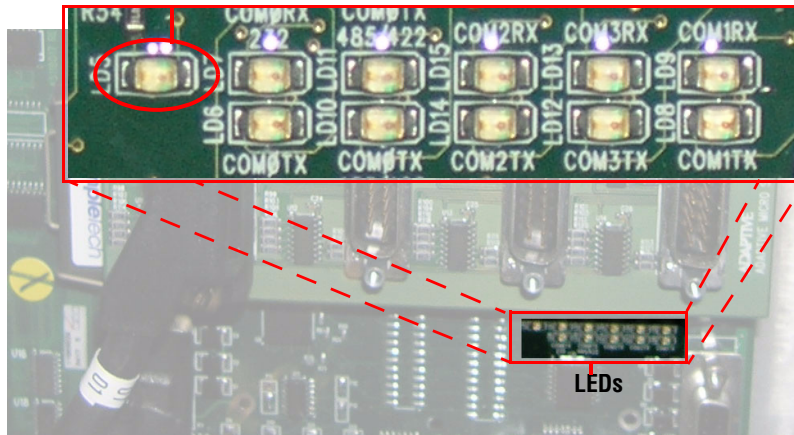


- Pull up on the metal bracket holding the flash card.
- Slide the flash card away from the controller.

NOTE: This flash card will need to be reinserted after the firmware update is complete.

2. Insert the firmware update flash card.
3. Latch the metal bracket on the flash card to hold the flash card in place.
4. Reapply power to the sign.

“heartbeat” LED



After the sign has been on for five minutes, you need to check the “heartbeat” of the controller. To do this:

- Locate the controller LEDs.
- Identify the “heartbeat” LED (pictured on the left).
- Watch the “heartbeat” LED to ensure that the LED stays on for one second and off for one second and that it keeps that rhythm. If the “heartbeat” is correct the firmware update was successful.

5. Remove power from the sign.
6. Remove the firmware update flash card and replace with the flash card that was removed in step 1.
7. Close the sign door.
8. Reapply power to the sign.

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