

Compaq StorageWorks

Addendum for Model 2100 and 2200 Ultra SCSI Controller Enclosures User Guide

This Compaq *StorageWorks*™ addendum only applies to the following document:

Compaq StorageWorks Model 2100 and 2200 Ultra SCSI Controller Enclosures User Guide (in all languages)
[EK-SE2C8-UA. C01 \(June 2000\)](#)

An addendum is comprised of two parts:


- Pen-and-ink Changes—provides instructions for locating specific text and for deleting text, replacing text with new text, or adding new text at a specific location
- Page Additions—identifies where to add a page at a specific place in the document and recommends how to attach the replacement pages.

IMPORTANT: If the changes within this addendum are not incorporated into the specified documents and then used, potential problems might arise from using obsolete information.

Pen-and-ink Changes

For each document, incorporate the required change listed in Table 1.

Table 1: Pen-and-ink Changes

On page...	Under Section...	Go to This Paragraph...	Make This Change...
6-3 & 6-4	Status Indications	Whole section	Delete section and add replacement sheet.
8-10	ECB Battery Pack and ECB	Note	Change to read: "A fully discharged ECB battery pack may take 10 hours to charge completely."
8-13	Table 8-9	Step 7	Change to read: "...FLASHING and the ECB Fault LED  is ON."

Page Additions

This addendum contains one replacement sheet that replaces text on pages 6-3 and 6-4. Insert the following sheet where the "Status Indications" section was deleted on page 6-3.

NOTE: Consider securing this sheet into the document page by using tape on the inside edge.

Status Indications

The ECB bezel contains three status LEDs (see Figure 6–2).

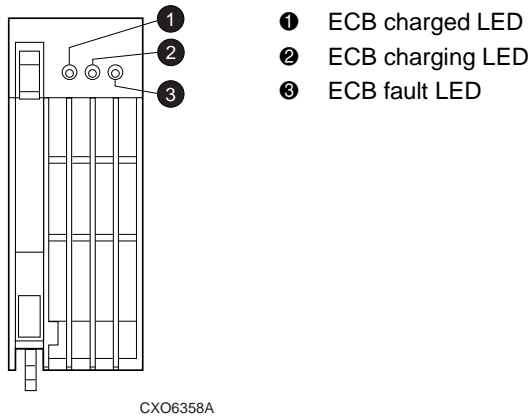


Figure 6–2: ECB status LEDs

The green ECB charged LED ❶ turns ON to indicate a fully charged ECB battery.

The green ECB charging LED ❷ turns ON to indicate a charging ECB battery. This LED FLASHES during the ECB startup self-test.

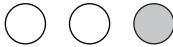

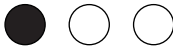
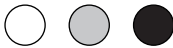
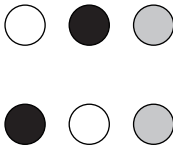
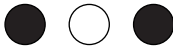

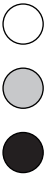
The amber ECB fault LED ❸ indicates that the ECB battery is not ready to provide backup protection.

- The ECB fault LED ❸ turns ON if:
 - The battery is being charged.
 - An ECB fault occurred.
- The amber ECB fault LED ❸ begins FLASHING if:
 - The ECB battery is not plugged in properly.
 - The battery temperature is out of limits.
 - Load testing is in progress.

See Table 6–1 for a definition of valid ECB status LED displays.

IMPORTANT: ECB battery packs leave the manufacturer fully charged. However, ECB battery packs might not arrive fully charged due to storage and shipping. Compaq recommends placing this ECB into a powered-up enclosure until the ECB charged LED turns ON, and before placing the ECB into a production environment.

Table 6–1: ECB Status LED Displays

LED Display	ECB State Definition
	<p>Startup: Checking temperature and voltage. If this state persists for more than 10 seconds, then a temperature fault might exist.</p> <p>Backup: When power is removed, a low duty cycle FLASH indicates normal operation.</p>
	<p>Charging: The ECB is charging the battery.</p>
	<p>Charged: The ECB battery is charged.</p>
	<p>Charge Test: The ECB is ascertaining whether or not the battery is capable of holding a charge.</p>
	<p>Temperature Fault Indications:</p> <ul style="list-style-type: none"> • When this indication displays, the ECB battery charging is suspended until the temperature fault has been corrected. • When this indication displays, the ECB battery is still capable of backup.
	<p>ECB Fault: Indicates the ECB has faulted.</p>
	<p>Battery Fault: The ECB determined the battery voltage is incorrect or the battery is missing.</p>
	<p>LED Legend:</p> <p>OFF</p> <p>FLASHING</p> <p>ON</p>