



MO Drive Installation Manual

Software Version 6.5.6/6.8.1

Introduction

Document Use

Use the following instructions to install the external MO Drive Upgrade. This upgrade enables study review from MO disks. Note the following requirements:

- This update applies to Mac-Lab/CardioLab **version 6.5.6/6.8.1 HP z600 systems only**.
- This upgrade does not apply to the **CardioICE Acquisition** computer. The slot needed for the SCSI card is unavailable.
- This upgrade does not apply to **Review workstations**.
- This upgrade does not apply to **HP xw8400, HP xw8200 or HP xw8000** computers.

NOTE: DOS System MO disks cannot be reviewed.

Revision History

Revision	Date	Comments
A	14-June-2011	Initial release of document.

Required Parts

Part Number		Description
UP-MODK-A		MOD Kit
	2057772-001	External MO Drive
	2038632-001	Card SCSI PCI-E
	2058129-001	CD-R SCSI CTRLR DRIVER, ML/CL EXT MO DRV
	2020901-037	ML/CL MO Drive Installation Instructions - this document
	2020901-040	ML/CL MO Drive Operator's Manual

MO Drive Upgrade Procedure

Use the following procedure to install the external MO drive for an HP z600.



WARNING: SHOCK HAZARD

To reduce the risk of shock and equipment damage, use safe working practices before servicing electrical equipment.



CAUTION: GROUNDING

Electrostatic discharge (ESD) can damage electronic components. Ensure you are properly grounded before opening any equipment.

Shut Down the System

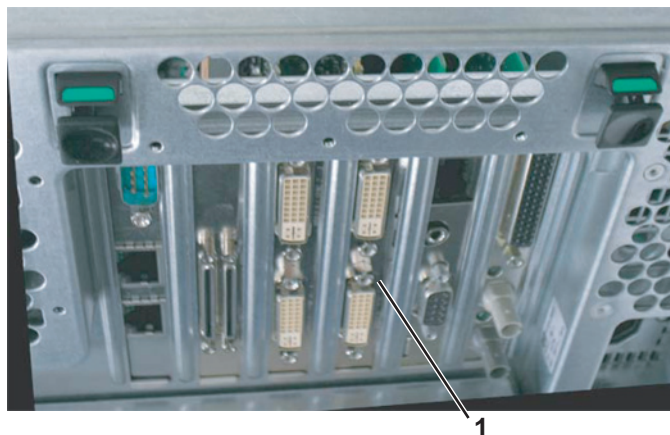
1. Close all open windows on the Mac-Lab/CardioLab system.
2. Select **Start > Shutdown**.
3. Click **Shutdown**.
4. Power off the computer and all peripheral devices.
5. Disconnect the AC main power cords from the computer and from all peripheral devices.

Install the MO Drive

1. Lift up on the tab near the top of the computer side panel.
2. Pull the side cover away from the computer and remove the cover.



3. Place the computer on its side with the open side up.
4. On the back of the computer, press the two green tabs and push the board retainer toward the inside of the computer.



Item	Description
1	Slot 4

5. Install the SCSI adapter card (PN 2038632-001) into slot 4 (from top of computer).
6. Return the board retainer to the original position and lock the green tabs.
7. Close the side panel.
8. Connect the AC main power cord to the computer.
9. Start up the computer.

NOTE: When the **Found New Hardware Wizard** opens, do not close the wizard.

10. Press **Ctrl + Alt + Delete**, click **Log Off** and press and hold the **SHIFT** key to allow the system log on prompt to open.
11. Log on to the Windows operating system as **local mcltechuser**.
12. Log on to the Mac-Lab/CardioLab custom shell as **local mcltechuser**.
13. Insert the SCSI Controller Driver, **CD-R SCSI CTRLR DRIVER, ML/CL EXT MO DRV** (PN 2058129-001), into the CD/DVD drive.
14. From the **New Hardware Wizard**, choose **Install from a list or specific location (Advanced)**.
15. Click **Next**.
16. Ensure that **Search for the best driver in these locations** and **Search removable media** are selected. Uncheck **include this location in the search**, if checked. Click **Next**.
17. Click **Finish**.

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18. Plug the SCSI cable into the computer SCSI Adapter card (PN 2038632-001) in the back of the computer and into the external MO drive (PN 2057772-001).
 19. Plug the external MO drive into AC power and power on the external MO drive.
 20. Remove the CD and reboot the system.
 21. Press **Ctrl+Alt+Delete**, click **Log Off** and press and hold the **SHIFT** key to allow the system **Log On** prompt to open.
 22. Log on to the Windows operating system as **local mlcltechuser**.
 23. Log on to Mac-Lab/CardioLab custom shell as **local mlcltechuser**.
 24. Open Windows Explorer and find the letter that is assigned to the Optical drive. If the letter is not **H**: then reassign the drive letter by following these steps:
 - a. Right click **My Computer** on the desktop and choose **Manage**.
 - b. Click **Disk Management**.
 - c. Right-click the disk that shows the current drive letter for the external MO drive.
 - d. Choose **Change Drive Letters and Paths**.
 - e. Click **Change**.
 - f. Assign the drive letter **H**.
 - g. Click **OK**.
 - h. Click **Yes** to confirm.
 - i. Verify that the drive letter **H** is assigned to the optical drive.
 - j. Close the **Computer Management** window.
 25. Log off the system (log off to allow custom shell to appear) and log on as **domain mlcluser**.

System Checkout

Use the following procedure to review data on an MO disk using an external MO drive:

1. Insert the MO media containing previously stored studies into the external MO drive.
2. Launch the Mac-Lab/CardioLab application.
3. From the **Navigator** window, select **Administration > System Settings**. If prompted, log on as **mlcladmuser** (password: **mlcl!admuser**).
4. Select **File Paths**.
5. Browse to the MO Drive media at **H:/Studies** and click **OK**.
6. Close the **System Settings** menu.
7. Select the **Optical** catalog from the **Navigator** window.
8. Select the **Catalog** option in the **Navigator** window and select **Regenerate** to generate a list of studies on the MO media (log on as **mlcladmuser** when prompted for an administrator password).

9. From the **Optical Catalog** view in the **Navigator** window, select a study to be reviewed and click **Review Study**.
10. Click **No** at the warning message: ***The system is currently set to save study data to the Magnetic Optical drive. The system has detected a DVD Optical drive. It is recommended that you change the Optical Study Path in the System Settings to use the DVD Optical drive. Change study path to DVD Optical now?***
11. Review the study. When finished reviewing the study, close the study.
12. After reviewing the studies, change the optical path back to the DVD drive:
 - a. From the **Navigator** window, select **Administration > System Settings**. If prompted, log on as **mlcladmuser** (password: **mlcl!admuser**).
 - b. Select **File Paths**.
 - c. Browse to the DVD Drive media at **F:/Studies** and click **OK**.

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