



Plasmon



Enterprise D Firmware History

Product Change Notice

Product Model Name: D875 – D2175
Date: February 2007
Reference ECO No: 18337

Reason for Change

This PCN announces the release of Enterprise D-Series library firmware version 4.00. This firmware is available at no cost from Plasmon via the website www.plasmontech.com.

Description of Change

The following changes/features are incorporated into the new firmware release:

- Resolved intermittent internal stack overflow on the main controller circuit board that could cause the library to lock up.

Firmware

To confirm the current firmware version using the front panel display menus, select Setup Library > Firmware Version. If the new firmware is installed the front panel displays: **XXXSlot/XXDrive Firmware V4.00** in bold text, where the Xs are number identifiers.

The following table shows the release history of the Enterprise D-Series firmware.

Code	Release Date	ECO#
3.01	March 2003	15550
3.02	March 2003	15579
3.03	August 2005	17099
3.04	Not Posted	17419
3.05	May 2006	17689
4.00	February 2007	18337

Contact Information for Technical Questions:

Americas and Asia Pacific

Plasmon Technical Support Team
United States Calls: 1-877-585-6793
International Calls: 1-719-593-4437
Fax: 1-719-593-4192
Email: tech.support@plasmon.com
Internet: www.plasmon.com

Europe, Africa, and Middle East

Plasmon Technical Support Team
International Calls: +44 (0) 1763 262 963
Fax: +44 (0) 1763 264 407
Email: support@plasmon.co.uk
Internet: www.plasmon.com

Product Change Notice

Product Model Name: D875 – D2175
Date: May 2006
Reference ECO No: 17689

Reason for Change

This PCN announces the release of Enterprise D-Series library firmware version 3.05. This firmware is available at no cost from Plasmon via the website www.plasmontech.com.

Description of Change

The following changes/features are incorporated into the new firmware release:

- Resolved manual drive alignment for drives 10 through 12. (Previous firmware version 3.04, which introduced manual drive alignment, was not posted to the website.)
- Clarified the front panel display buttons for individual Manual Drive Offsets menus.

Firmware

To confirm the current firmware version using the front panel display menus, select Setup Library > Firmware Version. If the new firmware is installed the front panel displays: **XXXSlot/XXDrive Firmware V3.05** in bold text, where the Xs are number identifiers.

The following table shows the release history of the Enterprise D-Series firmware.

Code	Release Date	ECO#
3.01	March 2003	15550
3.02	March 2003	15579
3.03	August 2005	17099
3.04	Not Posted	17419
3.05	May 2006	17689

Contact Information for Technical Questions:

Americas and Asia Pacific

Plasmon Technical Support Team
 United States Calls: 1-877-585-6793
 International Calls: 1-719-593-4437
 Fax: 1-719-593-4192
 Email: tech.support@plasmon.com
 Internet: www.plasmon.com

Europe, Africa, and Middle East

Plasmon Technical Support Team
 International Calls: +44 (0) 1763 262 963
 Fax: +44 (0) 1763 264 407
 Email: support@plasmon.co.uk
 Internet: www.plasmon.com

Product Change Notice

Product Model Name: D875 – D2175
Date: August 2005
Reference ECO No: 17099

Reason for Change

This PCN announces the release of Enterprise D-Series library firmware version 3.03. This firmware is available at no cost from Plasmon via the website www.plasmontech.com.

Description of Change

The following changes/features are incorporated into the new firmware release:

- Resolved firmware download issue where a controller did not have Enterprise D firmware installed (service personnel only).
- Properly positions MTE to the Reference sensor when utilizing Maintenance Mode > Sensors > Reference Sensor (service personnel only).
- When magazine is not present, the library returns ILLEGAL REQUEST instead of HARDWARE ERROR.

Firmware

To confirm the current firmware version using the front panel display menus, select Setup Library > Firmware Version. If the new firmware is installed the front panel displays: **XXXSlot/XXDrive Firmware V3.03** in bold text, where the Xs are number identifiers.

The following table shows the release history of the Enterprise D-Series firmware.

Code	Release Date	ECO#
3.01	March 2003	15550
3.02	March 2003	15579
3.03	August 2005	17099

Contact Information for Technical Questions:

Americas and Asia Pacific

Plasmon Technical Support Team
United States Calls: 1-877-585-6793
International Calls: 1-719-593-4437
Fax: 1-719-593-4192
Email: tech.support@plasmon.com
Internet: www.plasmon.com

Europe, Africa, and Middle East

Plasmon Technical Support Team
United States Calls: +44 (0) 1763 262 963
Fax: +44 (0) 1763 264 407
Email: support@plasmon.co.uk
Internet: www.plasmon.co.uk

Enterprise D Firmware Version 3.02 Change List

1. Resolved issue causing nvram to corrupt on power cycle.

Enterprise D Firmware Version 3.01 Change List

1. Added support for the Panasonic Multi-drive (SW-9751).
2. Removed Auto-offsets at every powerup. Changed this to run auto-offsets on powerup only the first time the library is powered on after it has been parked. If auto-offsets fails, the library goes automatically to maintenance mode where the problem can be corrected and offsets can be attempted again.
3. Changed the text on the display during auto-offsets at powerup to indicate the library is calibrating. The library then indicates it is online when auto-offsets completes.
4. Corrected problem with READ ELEMENT STATUS when reading all element types with a requested number of elements to read. The READ ELEMENT STATUS command now returns the correct number of elements.
5. Corrected the READ ELEMENT STATUS invert bit so that it is consistent with the D-Series library firmware and the Enterprise D SCSI specification.
6. Corrected error with the SCSI bus configuration where there are two busses and two drives on each bus. The library will now allow restoring all of the drives in this configuration.
7. The library would attempt to pick a media in a drive when clamped as part of the error recovery path. We now check for this condition before retracting the picker
8. Enabled thermal protection code.
9. Removed default for auto calibration being off. Each put will count to the threshold for recal (or rehome). Enabled auto motor homing as well. Autocal can be disabled via the front panel but any power cycle or download will reenable it. Auto rehome will occur every 5000 cycles and auto recal will occur every 50000 cycles. Reference defect 91
10. Resolved the picker calibration intermittent failure.