

# Spectrum™ MSS Series MediaStore



MSS Series MediaStore

The MSS series Spectrum MediaStore integrates up to 16 Fibre Channel disk drives into a compact 3-RU chassis. Drives in the MediaStore enclosure are connected via two integral Fibre Channel switches, and up to three MediaStores can be daisy-chained per any single Fibre Channel arbitrated loop. Spectrum MediaDirector 2201 and 2202 controllers supply from two to six Fibre Channel interfaces to connect to the MediaStores. The MediaStore MSS series supports Fibre Channel operation at either 2 Gbps or 4 Gbps, depending on the capabilities of the MediaDirectors and other MediaStores in the system. Every MSS-series MediaStore includes dual redundant power supplies with integral fans, SES support, and dual Fibre Channel switches for interconnection with MediaDirectors or additional MediaStores.

## MSS SERIES MEDIASTORE SPECIFICATIONS

| Parameter     | Specification  | Detail  |
|---------------|--|---|
| Drives        | Drives Supported<br>Host Interface<br>Drive Interface                | Up to 16 4 Gbps Fibre Channel drives<br>4 Gbps Fibre Channel Arbitrated Loop<br>4 Gbps Fibre Channel  |
| Environmental | Operational Temperature<br>Operational Relative Humidity<br>Altitude | +40F to 104F (+5C to 40C)<br>20% - 80% non-condensing<br>0 to 7,000 feet (0 to 2133 meters)   |
| Shock         | Operational<br>Non-Operational                                       | 5g 10 ms ½ sine<br>30g 10 ms ½ sine   |
| Vibration     | Operating<br>Non-Operating<br>Relocation                             | Random 0.21 grms 5-500 Hz<br>Random 1.04 grms 2-200 Hz<br>Swept Sine 0.3g 2-200 Hz  |
| EMC           | Approvals  | UL and cUL listed. Tested to UL/IE/EN 60950. Certified Body Certificate & Report to IEC60950.<br>CE marked to the requirements of the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC.<br>FCC Class A<br>EMC: EN55022/EN61000-3-2; EN61000-3-3 |
| Dimensions    | Width<br>Height<br>Depth   | 482.6 mm (19.0 inches) (1 EC Rack Compliant)<br>130 mm (5.12 inches) (3 EIA Units)<br>551 mm (21.7 inches)  |
| Weight        |  | 35 kilograms (77.6 lbs)   |
| Power         | Redundant power supplies, hot swappable                              | 100 to 240 volts, 48-62 Hz, 450 watts   |

## Each MSS Series MediaStore 4000 includes the following features:

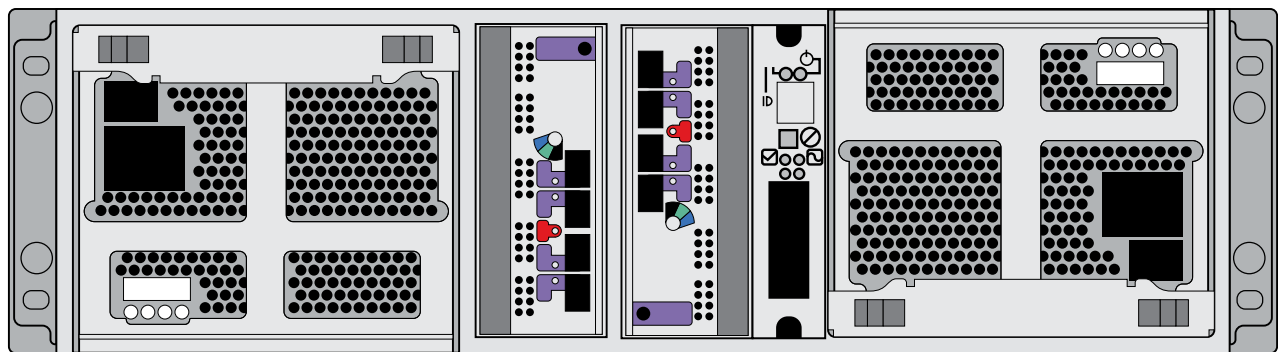
- Redundant power supplies, hot swappable, with separate power cables. Redundant fans integral to the power supply module.
- Dual Fibre Channel controllers.
- 16 disk drive capacity, using 1-inch high-performance, hot swappable 4 Gbps Fibre Channel drives.
- SCSI Enclosure Service (SES) support. Additional drive diagnostic and error correction capabilities when integrated with Spectrum system.
- 2 power cords 1.83 meters (6ft.)

## SUPPORTED CONFIGURATIONS

| Part Number | Size of Drives in GB | Total Content Storage in GB |
|-------------|----------------------|-----------------------------|
| MSS-4272c   | 300                  | 3508                        |
| MSS-4272d   | 450                  | 5238                        |
| MSS-4272e   | 600                  | 7016                        |

## OPTIONAL ACCESSORIES AND SPARE PARTS

| Part Number | Description  |
|-------------|--|
| FCA-115-OF  | Fibre Channel Cable Kit, LC to LC optical fiber cable, 1m w/ 2 LC 4 Gbps SFP's |
| FCA-315-OF  | Fibre Channel Cable Kit, LC to LC optical fiber cable, 3m w/ 2 LC 4 Gbps SFP's |
| SP-0082-001 | Power Supply Module for MSS-4000 Series MediaStore                             |
| SP-0083-001 | FC-AL Controller for MSS-4000 Series MediaStore                                |
| SP-0072-001 | 4 Gbps Fibre Optic SFP for MediaDirector 2102B and MSS-4000 Series MediaStore  |
| SP-0081-001 | MSS-4000 Series MediaStore Chassis without drives                              |



MSS Series MediaStore – Rear Panel View

DigitalGlue



[www.digitalglue.com](http://www.digitalglue.com)  
[sales@digitalglue.com](mailto:sales@digitalglue.com)  
 877.822.4683