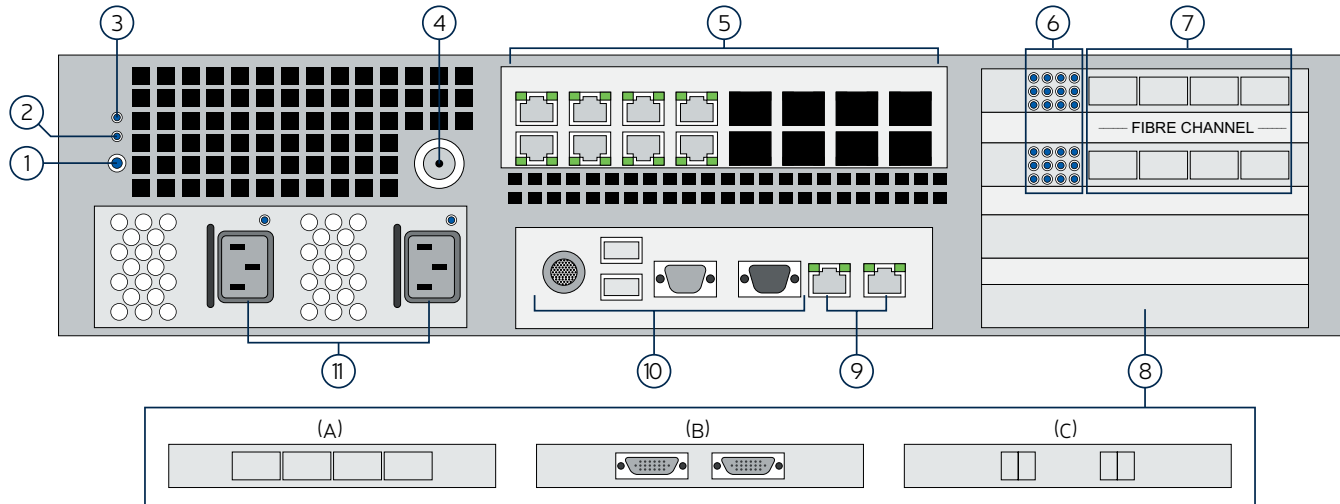


Spectrum™ MediaDirector 2201



- 1 Power Button
 - 2 Alt/Boot Button
 - 3 Reset Button
 - 4 LTC IN
 - 5 MediaPort Connectivity
 - 6 Fibre Channel Loop Status LEDs
 - 7 Fibre Channel
 - 8 Optional Expansion Card Slot
 - 9 Ethernet Ports
 - 10 Service Use Only
 - 11 Redundant Power Supplies
- (A) 4x 1Gb Ethernet
 (B) 2x 10Gb Ethernet CX4
 (C) 2x 10Gb Ethernet Optical SR

MediaDirector is the central server component of the Harmonic Spectrum™ media server system. The MediaDirector 2201 integrates file system, system management, communication and all connectivity, including Fibre Channel, MediaPort and Ethernet. The Fibre Channel interface provides multiple data paths between the MediaDirector and Spectrum MediaStore, the storage subsystem.

MEDIADIRECTOR 2201 SPECIFICATIONS

Parameter	Specification	Detail
Fibre Channel	Fibre Channel Arbitrated Loop Control	4 x Fibre Channel loop interfaces supporting 4 Gbps SFP transceivers (plug-in modules) with LC optical fiber interfaces.
Ethernet	Base: 2x 1Gb Ethernet Additional NIC Options: 4x 1Gb Ethernet 2x 10Gb Ethernet CX4 2x 10Gb Ethernet Optical SR	Omneon API, Windows® File System Interface (SMB), FTP Server, Apple Filing Protocol.
High Speed Media I/O	Private 1Gb Ethernet	8 x 1 Gb Ethernet for MediaPort connectivity
Reference	Per MediaPort	The MediaDirector 2201 can support multiple timing standards on a single system. Reference is handled by MediaPorts independently.

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MEDIADIRECTOR 2201 SPECIFICATIONS (CONTINUED)

Qty	Description	Note
Dimensions	W: 44.3 cm (17.5 in.) D: 64.7 cm (25.5 in.) H: 8.9 cm (3.5 in.)	Chassis only 2 RU (Front bezel extends forward [Max. 1.1 cm (0.4375 inches)] from chassis front edge and rack ear plane)
Weight	12.0 kg (26.5 lbs)	
Power	100-240V, 50-60Hz, 350 watts Total	Dual Redundant Power Supplies

INCLUDED ACCESSORIES

Qty	Description	Note
2	Power cord	1.83 Meters (6 ft.)
1	Rack Mount Hardware Kit	19 inch (standard) 687 mm to 888 mm (27.2" to 35.2")

SPARE KITS:

Fibre Channel cables must be ordered per system configuration. One or more of the following cables will be required:

Part Number	Description
FCA-115-OF	Fibre Channel Cable Kit, LC to LC optical fiber cable, 1m with two LC 4 Gbps SFPs
FCA-315-OF	Fibre Channel Cable Kit, LC to LC optical fiber cable, 3m with two LC 4 Gbps SFPs
SP-0072-001	4 Gbps Fibre Optic SFP for MediaDirector 2201 and MSS-4000 Series MediaStore
SP-RKS-19-27	Rack Mount Kit, 490mm to 692mm (19.5" – 27.4")

Additional MediaDirector 2201 Notes

- The MediaDirector 2201 Fibre Channel interfaces allow the MediaDirector 2201 to control, read and write through each of the four independent Fibre Channel loops. The multiple Fibre Channel loops provide flexible storage capacity, performance and redundant paths to every disk drive in the system. A system based on the MediaDirector 2201 can be expanded to a maximum of 12 MediaStores, each containing up to 16 disk drives.
- Up to four MediaDirector 2201 units can be connected to the same file system in order to build a video server with more bandwidth and redundancy than a single MediaDirector 2201 can provide. This EFS (Extended File Sharing) feature requires an Extended File Sharing License.

Additional Features and Functions

- **External Clock Synchronization** – An LTC input supports TOD clock.
- **RAID** – Includes RAID file protection and supports multiple RAID sets and support for hot spare configurations for Fibre Channel attached storage.
- **Resiliency** – The MediaDirector 2201 supports multiple diagnostic, monitoring and notification features for system resiliency and maximum up time and may be configured to automatically rebuild protected RAID sets in hot spare configurations.