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## Memorandum

**Date:** February 29, 2016  
**From:** The Spectrum Server Team  
**To:** Harmonic Global Sales  
**Subject:** Spectrum 8.1.0.0 Release

The Spectrum 8.1.0.0 release is now available! Spectrum 8.1.0.0 delivers expanded codec support and improved performance specifications for Spectrum X and the newest Spectrum MediaCenter and MediaDirector products. Highlights are shown below, and full details can be found in the attached release notes and the respective product user guides.

### Expanded Codec Support

With this release, Spectrum and Spectrum X support additional codec formats including:

- For HD, play and record of XAVC, AVC Ultra and AVC Long GOP
- For 3G, play-only of XAVC, AVC Ultra and AVC Long GOP

### Performance Improvements

Significant performance improvements were realized for the latest Spectrum products, which leverage Spectrum X technology. This increases the number of channels supported per system and/or the bitrate supported per channel. Notable performance improvements include:

- MediaDirector 2252B supports 24 play or record channels at 100 Mbps.
- MediaDirector 2251B supports 12 play or record channels at 100 Mbps.
- MediaCenter 2200B supports 10 play or record channels at 100 Mbps.
- MediaDirector 225xB supports five Edit-in-Place seats (with a minimum of 6 RAID sets).
- MediaCenter 2200B supports two Edit-in-Place seats (with a minimum of 6 RAID sets).

See the *Configuration Guidelines* section of the 8.1 release notes for more performance improvements and any restrictions that may apply.

### Full Portfolio Support

Spectrum 8.1 provides support for all of the following Spectrum products:

- Spectrum X MIP-9000
- MediaCenter 2200, 2200A and 2200B
- MediaDeck 7000
- MediaDirector 2251, 2252, 2251B and 2252B
- MediaPort 7000
- ChannelPort
- MediaStore 5000

### SystemManager 6.4.0.0





Like the Spectrum 8.1 release, SystemManager 6.4.0.0 combines support for both the new Spectrum X products and many of the legacy Spectrum products. SystemManager 6.4 supports new functionality added by the Spectrum 8.1 release.

### **Polaris Play**

Multiple new features were added to Polaris Play in this release, including:

- Ability to configure mirrored main and backup CiaB servers with auto-failover
- GPI events and SNMP traps may be configured to signal critical Playlist Control alarms
- A default clip may be defined to play when missing material is encountered in the Playlist

For additional information regarding new features, resolved issues and compatibility with third-party applications, please see the release notes.

For download information regarding Spectrum 8.1.0.0 and SystemManager 6.4.0.0, please contact Harmonic Technical Support:

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