

## Memorandum

**DATE:** August 9, 2017  
**TO:** Harmonic Customers and Distributors  
**FROM:** Harmonic Video Products & Solution Management  
**SUBJECT:** Spectrum 8.3.0.0 GA Software Release

The Spectrum 8.3.0.0 release is now available! Spectrum 8.3.0.0 delivers significant new functionality including more video formats and additional Channel-in-a-Box function collapse.

This release also supports the new MediaStore 5100 models and the MediaCenter 2200B-DS models with redundant SAS connections to external storage.

Release highlights are shown below, and full details can be found in the release notes and the Spectrum and SystemManager user guides.

### Support for New Hardware Models

- **MediaStore 5100:** MSS- 5124 models are the latest generation of the MediaStore family. MediaStore 5100s have a 12G SAS backplane, in comparison to the 6G backplane of the MediaStore 5000s. See the MediaStore 5100 datasheet on the Harmonic website for more information.
- **MediaCenter 2200B-DS:** MCP-2252B-DS models have a dual SAS connection to MSS-7200 external storage. The dual SAS connection provides a redundant path to the storage to guard against failures in the cable connection. See the MediaCenter 2200B datasheet on the Harmonic website for more information.

### Support for New Licensed Software Features

- **UHD Record:** Spectrum X now supports ingest of XAVC Class 300 UHD video. When combined with UHD Payout, this new offering enables a complete workflow for high-value premium UHD channels.
- **On-board Delay Service:** Delay Service adds real time program delay capability to the Spectrum system with up to 24 simultaneous delayed outputs for every ingest. Delay Service is supported on Spectrum X, MediaDeck 7000, MediaDirector 2251, 2252, 2251B, 2252B, and all MediaCenter models. Mirrored delay channels using MediaGrid storage are also supported.
- **VC-3 Play:** Spectrum X now supports payout of the VC-3 video format.
- **SMPTE 2022-6 with PTP reference:** SMPTE 2022-6 is supported on Spectrum X with the 10G IOM option, ushering in the new era of video-over-IP communication.

- **Preview from MediaGrid or 3<sup>rd</sup>-party NAS:** It is now possible to preview clips directly from the MediaGrid or other 3<sup>rd</sup>-party NAS with a “diskless” Spectrum X (i.e. without internal storage).
- **Kantar Audio Watermarking:** Spectrum X can be configured to use Kantar Media Watermarking.
- **Transport Stream Ingest:** Spectrum X can be configured to record a selected program from a network transport stream. The ingested program will be re-wrapped to an MXF file.
- **SystemManager 6.7:** This latest version of SystemManager supports all new features of the Spectrum 8.3.0.0 release.

For additional information regarding performance guidelines, resolved issues, and compatibility with third-party applications, please see the release notes. More details can also be found in the user documentation.

### **Download Information**

Spectrum uses Box.com for distribution of software releases. Please use your Box.com login to download the new release or contact Technical Support for additional assistance.

Region	Technical Support Telephone	Email
<b>Americas</b>	888.673.4896 (888.MPEG.TWO) or 408.490.6477	support@harmonicinc.com
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