



RELEASE NOTES



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Release Notes 6.0

This new release 6.0 introduces the Remote Player integrated into the HUB, a new Fixture interface, and the SAGA video codec. It also includes a set of improvements and fixes that are listed in the change list below with more details.

Change List

General

- 24 Layers in Express and 48 in Pro version
- Remote Player integrated in the ArKaos HUB
- New Fixture interface and features:
 - Single layer transition
 - Ignore Alpha
 - Better RGB handling
 - Mask engine
 - Tiling X and Y
 - Second effect generator
- Adds Fixture Layers 2.0
- Adds support for Elgato to stream the deck with the remote player
- Adds support for the SAGA ArKaos patented video codec
- Adds support for HDR: HDR10 and HLG
- Adds HDR support for Novastar and Brompton LED processor
- Adds Nova smart LCT configuration file import
- Adds NDI input
- Adds NDI output with alpha channel

Arkaos Hub

- Hub file upload and sync speed increased
- MediaHUB file sync fixes
- Moved MediaHub macOS log folder

Connectivity

- Create frame source receiver asynchronous
- CFTP Server optimizations
- Update to NDI 5
- Use fastest NDI decoding on Windows
- Improve NDI output
- New layer fixture extended 2.0
- Datapath camera rework

Effect

- Added second layer effect control variables to the code generator script
- Added second effect to Theater mode cell parameters dialog
- Added Effect intensity per layer

Playback

- Adds HDR rendering for SDR movies
- Adds HDR/SDR output mixing
- Added layer count to 24/48
- Improved reverse playback

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- Layer Masking
- Added ignore alpha channel per layer
- Added parameter to Invert colors per layer
- Fixed frame blending

Saga Codec

- Saga movie mkv parsing
- Saga GPU decoding
- Saga CPU decoding
- Update HAP decoding

Various

- UI/UX Update
- Improved library management
- Moved MM and Videomapper preferences folder.
- Added restore, copy, and paste for properties in the player
- Added Nvidia support for NovaStar 10-Bit output
- Added MediaMaster Graph transition to DirectX11
- Added Media Foundation Camera capture support to replace DirectShow

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