

What's New for Avid® Media Composer® v2018.10

New in Media Composer v2018.10

The following are new with this release:

New Features

The following table describes What's New for the current editor release.

Feature	Description	For More Info
Mac OS Support	Updated list of supported Operating Systems.	See Mac OS Support .
AVC-LongG	Additional AVC-LongG formats are supported with this release.	See Additional Support for Panasonic AVC-LongG Format .
Color Management LUT fix	The BT.2100 color conversions between PQ 2020 and HLG 2020 are made according BT.2390 specifications (at 1000 nits).	See Color Management LUT Update .
Additional Color Space Presets	More color space presets are available in Progressive HD projects.	See Additional Color Space Presets .

Mac OS Support

Mac OS v10.14 has been added to the list of supported Operating Systems.



If you have Media Composer and Pro Tools installed on the same system, we do not recommend that you update to Mac OS v10.14 at this time.

Additional Support for Panasonic AVC-LongG Format

Support for additional AVC-LongG formats have been included with this release. The table below shows the AVC-LongG formats available for media creation and linking. You must have the latest Panasonic Plugin installed to Link to AVC-LongG. See <http://www.avid.com/plugins/ama-plugins>.



For 1080p/50 and 1080p/59.94 projects, the AVC Long G formats that appear for Media Creation in the editing application are listed as AVC Long GOP 12 and AVC Long GOP 50. Technically these formats are actually AVC Long GOP 6 and AVC Long GOP 25. According to the Panasonic specification, the bit rates for the 1080p/50 and 1080p/59.94 projects are 2x. Therefore you will see AVC Long GOP 6 as AVC Long GOP 12 and AVC Long GOP 25 as Long GOP 50.

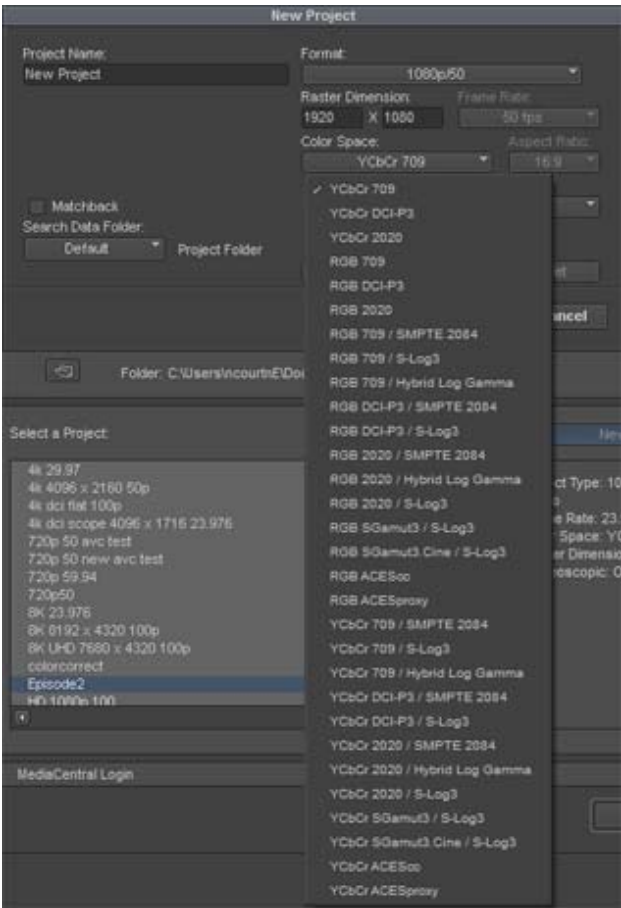
Resolution	Project Format
AVC Long-GOP G6	720p/50
	720p/59.94
	1080i/50
	1080i/59.94
	1080p/23
	1080p/25
	1080p/29
	1080p/50
AVC Long-GOP G12	720p/50
	720p/59.94
	1080i/50
	1080i/59.94
	1080p/23
	1080p/25
	1080p/29
	1080p/50
AVC Long-GOP G25	720p/50
	720p/59.94
	1080i/50
	1080i/59.94
	1080p/23
	1080p/25
	1080p/29
	1080p/50
AVC Long-GOP G50	720p/50
	720p/59.94
	1080i/50
	1080i/59.94
	1080p/23
	1080p/25
	1080p/29
	1080p/50

Color Management LUT Update

With this version of the editing application, the BT.2100 color conversions between PQ 2020 and HLG 2020 are made according BT.2390 specifications (at 1000 nits). This allows converting from one transfer characteristic to another while preserving the exact visual output when viewed on a monitor set accordingly. For example, a PQ to HLG conversion, the monitor needs to be set as HLG curve. And for an HLG to PQ conversion, the monitor needs to be set to PQ curve.

Additional Color Space Presets

With this release of the editing application, more color space and transfer characteristics are available in Progressive HD projects. When you create a new progressive HD project, the additional presets are available.



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