



# **LWKS**

## **Lightworks 2021.3**

### **Release Notes**

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## New Features and Fixes in Version 2021.3

This section summarizes the fixes, enhancements, and features that have been implemented in this release of Lightworks.

### Cross Platform New Features and Fixes

This section describes the cross-platform new features and fixes contained in this release.

#### New Features:

- Added ability to add Cloud storage providers as import locations under 'Libraries'
  - Added support for Google Drive
  - Added support for Google Photos
  - Added support for Dropbox
  - Added support for Box
  - Added support for OneDrive
  - Added support for PCloud
- Added ability to upload exported content to Cloud storage providers from the export panel
  - Added support for Google Drive
  - Added support for Google Photos
  - Added support for Dropbox
  - Added support for Box
  - Added support for OneDrive
  - Added support for PCloud
- Added new startup wizard
  - Sign in panel has been reworked
  - Choose the language from the list of available languages
  - Choose the keyboard shortcut layout (Blackmagic Resolve and Adobe Premiere now added)
  - Choose the application layout (Fixed or Flexible)
  - Choose to watch the Quick Start Video
  - New projects now default to opening on the EDIT tab rather than the LOG tab (Fixed layout)
- Added new import panel design, layout and usability
  - Adds new treeview layout
  - Adds new tiles view option (similar to bins)
  - Adds the ability to filter import contents
  - Adds the ability to configure column headers (similar to bins)
- Improved the behaviour and look of 'Hints' throughout the application
  - Hints now include an 'OK' button in order to not see the hint again
  - Hints no longer stack on top of one another
  - Hints now appear in a different colour (changeable within the Appearance panel)
  - Hints are now positioned relative to the area requiring explanation
  - Hints now allows users to "Take the tour" of the application
- Added new keyboard shortcut functionality
  - Make new sequence (current settings) - Creates a new empty sequence using the settings that have been defined by the user
  - Make new sequence (choose settings) - Opens the new sequence settings panel allowing the user to decide the new sequence settings
  - Make sequence copy - Makes a copy of the current sequence that is in record mode, or the sequence that has focus
  - Select all segments - Selects all the segments in a sequence (yellow border) (This should open the sequence timeline if not already visible in Flexible layout)
  - Deselect all segments - Deselects all the segments that are currently selected (yellow border) in a sequence

- Speed - Opens the varispeed panel to change the speed of a sequence segment
- Mark all selected clips - Marks all selected clips in a bin (start to end)
- Clear In - Removes the In mark on the viewer or tile that has focus
- Clear Out - Removed the Out mark on the viewer or tile that has focus
- Go to next cue marker - Jump to the next cue marker in the viewer or tile that has focus
- Go to previous cue marker - Jump to the previous cue marker in the viewer or tile that has focus
- Clear all cue markers - Removes all the cue markers on the selected source
- Minimise all tracks - Minimises all the tracks in the sequence with focus
- Thumbnail size - Change the thumbnail image size for clips in the bin (At least one tile in the bin should have focus)
- Added further improvements to third party libraries
  - Added a better workflow for sign in/registration
  - Added 'Sign in' button to the vendors splash screen
  - Added the ability to get back to the vendors splash screen (by clicking the 'Back' arrow)
  - Added settings icons (three dots) to each of the vendors libraries
- Restored the ability to append the sequence frame rate to the sequence name when making a copy
  - If you leave the name unchanged and select a new frame rate, then the rate is appended to the new name (instead of 'copy')
  - If you specify a new sequence name, there will be no suffix
  - If you apply multiple conversions (frame rate change, trace etc) the name will be appended with each option
- Added new startup progress bar (welcome back Lucy)
- Added improvements to the Amazing Music Tracks integration
- Added settings menu icons back to each panel (Fixed Layout)
- Added ability to remember the current time/position of tiles in filters (when exiting the project and re entering)
- Added the ability to adjust timeline segment font-size (independently of the main UI font)
- Added an alert for users when starting an export but some high-resolution media is not available
- Added a system setting to disable/enable Lightworks Console support (off by default)
- Added ability to 'Reveal' a project location on the project browser
- Added support for future versions that do not have separate media link files
- Added ability to SHIFT click the file-browser 'Up' icon to jump directly to the root of the drive
- Added 'File size' column to cloud storage provider libraries (r)
- Added a warning on export to report if the cloud service is unavailable (r)
- Added ability to multi-select Groups from the Content Manager list
- Added a config to disable automatic marking of popped-out tiles (auto\_mark\_tiles 0)
- Added keyboard shortcut commands ('Toggle FX1' and up to FX8) for toggling FX track selection
- Added warning to alert users if starting a sequence archive but some high-resolution media is not available
- Added 'Adobe Premiere Pro' and 'Blackmagic Resolve' as AAF export targets (Lightworks Pro Only)
- Added new keyboard shortcut functionality within the 'Adobe Premiere Pro' and 'Blackmagic Resolve' prefs files
- Added 'Frame rate' information to the export task log
- Ignored 'Auto' frame rate sequences when dragging and dropping selections from bins to sequences
- Improved handling of bin/table column resizing and visibility
- Improved the appearance of the license activation panel
- Improved AAF/XML import and export foundations
- Improved handling of opening projects created with earlier versions of Lightworks
- Improved the column headers panel on Bins and Libraries
  - Column headers can now be repositioned on the panel directly
  - Removed the 'Customise' panel as no longer required
- Split the project creation panel into Simple and Advanced tab settings
- Removed the 'guest' Free license, all systems now require an active and verified account in order to access the Free version
- Removed WebM and WMV as export formats (Lightworks Pro only)
- Removed analysis of OFX plugins (could cause hang starting/exiting)

- Removed clickable media location link on files imported from cloud storage providers
- Changed 24fps timecodes written to marker text files to use ':' instead of '+'

## Fixes:

- Fixed tile sizes changing automatically when switching between user created bins that have different position settings
- Fixed missing icons on sequence viewers when creating a new empty sequence that has a zero length (Flexible layout)
- Fixed OMF export never actually progressing on the Tasks panel
- Fixed incorrect playback with Apple QTRLE sample files
- Fixed crash double clicking in an empty text box
- Fixed MKV files importing with the incorrect duration
- Fixed missing AAC audio on .MKV sample files
- Fixed incorrect audio playback on sample .mp3 file
- Fixed Timecode calculator AC and CE buttons
- Fixed 'Local files' library column menu panel losing the top of the panel after scrolling
- Fixed desktop tiles created by older versions of Lightworks not having viewer/filecard/timeline icons when you move the mouse over them (Flexible layout)
- Fixed the import panel not showing 'Local Files' by default if the language is not English (Flexible layout)
- Fixed potential missing 'Close' icon from the drop-down Rooms list
- Fixed title on 'System Settings' panel not updating when changing the language
- Fixed no audio (AAC) being present on some .MKV files
- Fixed failure message when attempting to 'Localise' cloud storage media
- Fixed image in sequence viewer switching to a different frame when clicking the Unjoin/Join button
- Fixed missing timecode when making a marked section copy from a sequence
- Fixed crash unjoining the lower audio track from a stereo track
- Fixed H.265/HEVC and .MKV files being limited to one hour duration maximum
- Fixed renamed audio tracks causing exported files to be missing audio
- Fixed sequences created from 1.001 clips having the wrong playback-format rate
- Fixed no audio being present on sample .MKV file
- Fixed incorrect video playback on sample .MKV file
- Sequence frame-rates are no longer limited to integer rates
- Fixed Subclips made from a Sync showing the incorrect timecode on a viewer to what is shown in a bin
- Fixed potential crash zooming into reverse varispeeded audio
- Fixed black frames appearing at the end of HEVC media causing frame skip errors
- Fixed crash consuming memory with icons when the UI is scaled
- Fixed varispeed widgets from being drawn for every UI update whilst playing
- Fixed distorted audio on the sequence timeline with higher frame rate media
- Fixed appearance of cloud storage images looking poor quality on 4K displays
- Fixed missing waveform thumbnails for Audio Network and Amazing Music Tracks
- Fixed Cart panel for third party libraries having no minimum size
- Fixed missing thumbnails in the Cart from third party libraries
- Fixed Syncs not appearing after being created from a sequence when the 'Syncs' filter is hidden
- Fixed incorrect appearance of the default wallpaper at 4k resolutions
- Fixed timecode labels panel appearing through the edge of the viewer when pinned (Flexible layout only)
- Fixed incorrect 'Modified date' being shown on the Clipboard
- Fixed timecode label panel showing '???' issue on subclips created from from syncs in earlier versions

- Fixed incorrect aspect ratio causing redraw issues on the Clipboard
- Fixed incorrect reading of interlaced media on import
- Fixed inability to change the "Video Format" on the Metadata panel of a clip
- Fixed YouTube export failing on sequences set to 1080i
- Fixed inability to remove YouTube/Vimeo 'Tags' on the export panel
- Fixed subclips created from syncs retaining the sync as a parent
- Fixed rotation values entered via the graphs textbox being unnecessarily constrained
- Fixed crash deleting a user created effect from the Transitions panel
- Fixed incorrect audio channel information in embedded OMF exports
- Fixed potential audio crackle when playing files backwards
- Fixed sequence timeline moving position when minimising tracks
- Fixed Mackie fader in 'Flip' mode not staying in the position selected
- Fixed audio terminating early on MKV sample files associated with an AAF import
- Fixed incorrect audio playback on MKV sample files that contain AAC SBR encoding
- Fixed FX track vanishing when dragging all the selected effects on the track
- Fixed subframe keyframes sometimes incorrectly displaying 0° on 3D DVE effect
- Fixed implicit audio soft cuts not being applied to redundant cuts
- Fixed project archives created prior to 2021.x not being updated correctly
- Fixed crash opening a project created in an earlier version
- Fixed MKV files captured with OBS having no audio
- Fixed Media reappearing after being deleted

## Windows New Features and Fixes

This section describes the Windows new features and fixes contained in this release.

### New Features:

- Improved the installer appearance on high DPI monitors

### Fixes:

- N/A

## Linux New Features and Fixes

This section describes the Linux new features and fixes contained in this release.

### New Features:

- Added better text rendering to help with appearance

### Fixes:

- Removed additional third party install dependencies

## macOS New Features and Fixes

This section describes the macOS new features and fixes contained in this release.

### New Features:

- N/A

#### Fixes:

- N/A

## Limitations and Known Problems in Version 2021.3

This section describes the limitations and known problems contained in this release.

### Cross Platform

- Some proxy images may have incorrect black bars surrounding the image
- Some proxy files generated from H.265/HEVC media may be incorrect
- Issues generating proxy files from 4k media with codecs other than H.264
- Contour ShuttlePROs will not work unless you duplicate the 'Lightworks' settings in their app and then point it at the new 2021.2 release
- Prints containing multiple V tracks and DVEs used will not display correctly in a sequence
- DVEs may change position when switching to a different sequence output
- MXF, AVI and MOV export options have an incorrect mix of PAL and NTSC options
- H.264/MP4 exports at 23.98fps show the audio sync is half a frame out
- PAL/NTSC source files thumbnails/viewers may not play out on the hardware I/O
- Freeze frames, in sequences exported to AAF, are ignored in Adobe Premiere (XML works).
- Proxy files are not created for files shorter than one second in length, when set to H.264.
- A crash may occur when attempting to export an image sequence from a sequence containing 16-bit DPX files.
- After removing a media space, with the import panel open, Media may appear offline.
- Some MTS files show pixelation on the start frames.
- The Video Analysis tool appears through the FX configuration panel when configuring a color correction effect.
- The Audio Monitor Delay setting is not accounted for during export.
- AVID DNxHD 10bit encode is not possible.
- There is no support for importing .WMV files.
- Make sure all applications are closed before attempting to install Lightworks.
- The ability to transcode 1080p 60fps files on import to AVID DNxHD, is not supported.
- Blu-ray VC1 export does not generate a valid file, instead it imports back as Sound only.
- Audio on exported AVCHD files cannot be played by Windows Media Player. The audio is muted.

### Windows 64-bit

- There is no QuickTime Movie/MPEG4 import/export via Apple SDK.
- After Effects plug-ins are not supported.

### Linux 64-bit

- Debian Distros:
  - Ubuntu/Lubuntu/Xubuntu 18.04 and higher
  - Mint 17 and higher
- RPM Distros:
  - Fedora 30 and higher
- Fedora is only supported when enabling Xorg. There is no support for Wayland (default) currently.
- Fedora installs fail if using Mesa drivers.
- There is no QuickTime Movie/MPEG4 export option.

- There is no .WMV import.
- ATI and Nvidia cards are supported. LWKS Software LTD recommends Nvidia for the best performance.
- There is no FX plug-in support.
- Do not use linux default GFX driver. If you experience the viewer playing at a reduced size then the Linux default graphics driver is installed. Make sure the Nvidia driver is loaded and that the system is restarted.

## Mac OS X 10.11 and Higher

- Potential loss of output clicking the voice over icon on a sequence with AJA hardware enabled
- Any users running Macbook Pro systems MUST disable 'Automatic graphics switching' under 'Energy Saver' in 'System Preferences'.
- Lightworks supports Mac OS X 10.11 (El Capitan) and higher, earlier versions are not tested
- There is no H.264 MOV export.
- There is no QuickTime/MPEG4 export option.
- There is no Apple ProRes 4444 export option.
- There is no support for Matrox I/O hardware.
- The shared project feature is not currently operable.
- Video overlay may change brightness on playback when running dual monitor setups.
- MTS Playback may be poor.

## Matrox Hardware I/O

- If your system is not fast enough or does not have sufficient memory, the captures using MXO2 will stop with a 'dropped-frame' message.
- If the drives you are recording to are not fast enough the captures using MXO2 will stop with a 'dropped-frame' message.

## Blackmagic Hardware I/O

- Input or Output only devices cannot be used. Lightworks requires both an Input and an Output to be present on the device.
- USB 3.0 devices may not work correctly on a Mac running Windows Bootcamp.
- Audio monitor level control has no effect on Blackmagic recordings.
- You will not be able to view video on the Blackmagic output if Precision is set to 10-bit. Change setting to 8-bit .
- You will not be able to view video from Boris Red via the Blackmagic Output when Lightworks is running.
- SDI Output does not playback smoothly if a title has been applied to the material.

## AJA Hardware I/O

- Audio monitor level control has no effect on AJA recording.
- There is no E-E when using the KONA LHi during recording.
- If your system is not fast enough or does not have enough memory, the captures using AJA devices will stop with a 'dropped-frame message'.
- If the drives you are recording to are not fast enough, the captures using AJA devices will stop with a 'dropped-frame' message.
- AJA/BMD SDI Output does not playback smoothly if a title has been applied to the clip.
- On Kona 3G SDI 2 output must be used with Windows 64bit.

## Troubleshooting

If you experience an issue with your Lightworks installation, or something is not working as expected, visit our FAQ page at <http://www.lwks.com/fag> where you can type in a question relating to the issue and view the search results. If you do not find an answer to your question, you can refer to the Lightworks forums at <http://www.lwks.com/forum>.

## **Technical Support Contracts**

For assistance beyond this document, and that provided in your Lightworks documentation, you can purchase a Technical Support Contract for Lightworks from our online shop at <http://www.lwks.com/shop>. Technical Support is by Telephone and Email.