R&S®CLIPSTER

Release Note
Software Version 6.6.0.2

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Contents

1 Information on the Current Version and History 3
1.1 New Functions 3
1.2 Modifications 3
1.3 Fixed Issues 4
1.4 Known Issues 5
2 Firmware 7
3 Customer Support 8

1 Information on the Current Version and History

1.1 New Functions

The following table lists the new functions and indicates the version the new function was introduced in:

Version	Function
6.6.0.2	-

1.2 Modifications and Improvements

The following table lists the modified functions and indicates the version the modification was carried out in:

Version	Function
6.6.0.2	**File Formats** Added support for 16bit DPX files generated by the Spinner film scanner.
	Finalize The "Metadata Render Settings" dialog now displays an error message when opened while no metadata is available in the timeline.
	Color Settings ● Improved the configuration of source clip color parameters. Until now, the timeline position always jumped to the middle of a clip when a user clicked on this clip in the "Configure source clips" view or changed a parameter of that clip. Now the timeline position does only change when the cursor was not on that clip at all. ● Multiple improvements for the handling of mastering display and color format settings. ● Added check that MaxCLL is not set to a lower value than MaxFALL.

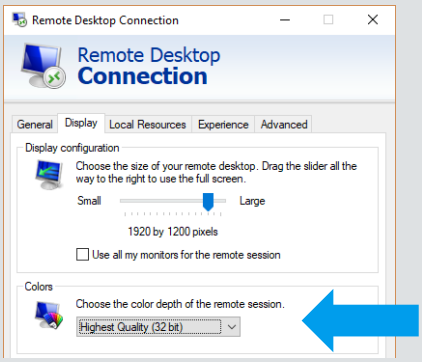
1.3 Fixed Issues

The following table lists the issues that have been confirmed to be resolved:

Version	Function
6.6.0.2	**IMF** ● Fixed the (not allowed) use of mastering display metadata in normal App2 mode IMPs. Mastering display metadata is now ignored when writing an App2 IMP. ● DisplayF2Offset metadata is now written into all IMF video essence files and the CPL.
	Finalize ● Fixed rare render errors in workflows with complex image processing. ● Improved the GUI update speed during finalize
	I/O Tool Fixed a problem in the control of remote devices via RS-422. In version 6.6.0.0, the frame forward and frame backward buttons did not work as expected in rasters with dropframe timecode.
	File Formats ● Fixed a H.264 decoding problem. In rare cases, some images were skipped or shown as "no data" frames. ● DNxHD codec is now limited to HD rasters. ● DNxHR codec no longer limited to 2k and 4k rasters.
	Display ● Fixed a problem with complex transitions and "split screen" display. In version 6.6.0.0, only the crossfade transition worked correctly. ● Fixed a JPEG2000 decode problem. In version 6.6.0.0, the display did not work when the corresponding “Decode level of JPEG2000 ...” settings were not set to "full".

1.4 Known Issues

The following table lists the known issues:

Version	Issue
6.6.0.2	**XAVC** ● When playing out H.264, the async option in the Configuration Tool must be disabled first. ● XAVC projects generated with Software Version 6.0 may not be played out properly with a current version.
	TTML ● Only one track can be correctly wrapped at the same time (at package creation). This does not affect rendering of subtitles into image. ● All used fonts have to be located in the Windows Fonts folder. ● TTML files have to be edited/trimmed only outside of TTML events otherwise their events cannot be correctly wrapped into IMF packages. ● When trimming/editing TTML files, the wrapped result can contain empty TTML events. This does not affect functionality. ● Wrapping TTML files with sequential time container may cause wrapping issues. ● Wrapping TTML files containing the timing attribute duration (dur) may cause wrapping issues. ● Re-wrapping of PNG-based TTML files not functional yet.
	HDMI 2.0 ● UHD/4k 24p/12Bit RGB not functional yet. ● UHD/4k YUV 4:2:0 only supports 60p/8bit.
	Color Format ● Color checks issuing a warning when an inconsistent configuration concerning source, output, working and eventually subtitle color space has been set, are only performed when configuring the output. This means that e.g. changing the working color space after having configured the output may result in such an overall inconsistency leading to playout not being possible. The corresponding warning will be issued when re-opening the output configuration dialog. ● The conversion from "PQ above 1000nt" to "HLG 1000" is clipping at 1000 nit.
	Remote Desktop ● Decreased GUI performance and responsiveness on Windows 7 systems when working over remote desktop. ● If the bit depth is not set to 32 bit in the Windows remote connection application, the overlay is not displayed. 

Version	Issue
6.6.0.2	**DCI** ● When opening a DCP (CPL) to create a new CPL via "CPL Only" option in the DCI Wizard, this option might not be available. As a workaround, we recommend enabling the "Supplemental DCP" option, closing the Wizard and opening it again. After that, the "CPL Only" option will be available. ● Clipster will not display subtitles from folders with special characters. Workaround: avoid special characters in folder names.
	Dolby Vision Home ● When creating supplements with Dolby Vision Home, the metadata cannot be reused on video inserts. You need to use the original XML file to embed it as an operator. ● PsF SDI signals may cause a system lockout of the Dolby Vision CMU unit during playout. To avoid problems we recommend changing the timeline settings for the default raster to 24p. For this, open the Config Tool and navigate to **Defaults > Timeline > Default raster** and select **SMPTE274/24P**.
	Miscellaneous ● Support for BCP Level 6 not available yet. ● The external command interface via Telnet is not functional in Gen VI. ● After upgrading 5+ to 6 the automatic loading of KDMs for DCPs created on 5+ does not work. The serial number of the new board must be manually entered in the KDMs. ● CLIPSTER does not notify when a "no-data" frame is rendered due to an unreadable/undecodable source frame. ● No audio when playing out 1080p 96 Hz videos. ● Depending on the audio tracks configuration, the channel number in the audio timeline is limited to 16 mono or 32 stereo channels. When opening a CPL with more than that number of channels, the remaining channels will not be imported. CLIPSTER issues a message that this project was created on another workstation, which can be confusing. ● It is no longer possible to change paths directly in the Bin clip properties dialog when the clips are in the timeline. We recommend instead using the “Relink” option in the timeline element context menu or the “Clip relink“ option under “Bin > Clip relink”. ● In some rare cases, the CLIPSTER application might not start up. In this case, the system must be rebooted. ● On Windows 10, the CLIPSTER uninstallation process may take longer than usual.

2 Firmware

Software version 6.6.0.2 is compatible with the following Firmware:

Digilab2 firmware version:

Version	Function
2.9.2.12	No changes

Hydra3 firmware version:

Version	Function
3.0.13.2	No changes
3.0.13.4	No changes

Nvidia GPU:

Version	Function
377.55	No changes

3 Customer Support

Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz equipment, contact one of our Customer Support Centers. A team of highly qualified engineers will provide telephone support and will work with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz equipment.

Up-to-date information and upgrades

To keep your R&S product up-to-date and to be informed about new application notes related to your system, please send an e-mail to the Customer Support Center stating your system and your wish. We will take care that you will get the right information.

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