Odyssey7/7Q Firmware Release Notes v2.11.110

NEW FEATURES

Higher Frame Rates for Apple ProRes 422 (HQ) in 1080p
Apple ProRes 422(HQ) recording is now enabled in 1080p50 and 1080p59.94.

Integrated Deck Control and Scrubbing in Play Mode
Scrubbing through clips is now available both while the file is playing as well as when it is paused.

Selectable Pixel Zoom Drag Orientation
When using the finger drag function to select the section of the image visible in Pixel Zoom function, the drag orientation can be set to follow the finger move (drag the image) or oppose the finger move (drag the window).

NEW FEATURES – RECORD OPTIONS *(Odyssey7Q Only)*

New POV RAW Record Option Available for Purchase or Rent
The POV RAW Record Option is for various special function cameras with RAW output. The RAW data is captured as Cinema DNG files. The POV RAW Record Option is $1495 to purchase or $99/day to rent through the Convergent Design website. The cameras currently supported include the IO Industries Flare 2KSDI and the Indiecam indieGS2K. Supported RAW formats for these cameras are as follows:

IO Industries Flare 2KSDI	2048x1080	23.98 – 60p	10-bit RAW
IO Industries Flare 2KSDI	1920x1080	23.98 – 60p	10-bit RAW
Indiecam indieGS2K	2048x1080	23.98 – 60p	10-bit RAW
Indiecam indieGS2K	1920x1080	23.98 – 120p	10-bit RAW
Indiecam indieGS2K	1920x1080	23.98 – 60p	12-bit RAW

Canon C500 High Speed RAW Support
Canon Cinema RAW “4K Half RAW” mode 4096x1080 is supported at 50p/60p and 100p/120p. The Odyssey7Q currently supports the original full frame height version of the Canon 4K half RAW, not the “4Kx1K” cropped mode. Only the highest frame rates in the Slow & Fast modes are currently supported.

Sony FS700 4K2HD Recording Up To 60p
FS700 4K RAW to HD Apple ProRes 422(HQ) is now available up to 60p (59.94). 50p is also available.

FIXES & IMPROVEMENTS

- ✓ FIXED Time of Day Timecode issue
- ✓ FIXED Backward file compatibility during firmware updates
- ✓ FIXED “Ticking” audio after 720p file recovery
- ✓ FIXED Black dots in live image when overexposing or white-clipping
- ✓ FIXED False-triggering when Odyssey set to camera trigger
- ✓ FIXED Timecode triggering in 720p
- ✓ FIXED False “Warranty Void” notice on some units from previous firmware
- ✓ FIXED 1080psf audio sync issue in Playback
- ✓ FIXED Pixel Zoom mode distorting of image on OLED
- ✓ IMPROVED Touchscreen response
- ✓ IMPROVED Touchscreen recalibrates by engaging F1 Lock button

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KNOWN ISSUES

AUDIO

- SDI/HDMI outputs occasionally will not carry audio. Cycle Odyssey power to restore.
- SDI/HDMI audio occasionally will have a static pop when powering up.
- Audio occasionally will swap tracks when recording in DPX.
- Audio output (headphones) occasionally flips channels.

MONITOR

- Focus Assist in Edge Enhanced mode and recording Apple ProRes 422(HQ) shows edges as white instead of selected color.
- SDI/HDMI outputs have a pink line in image on Canon C500 2K 12-bit/10-bit video. Recording is unaffected.
- Switching between ARRIRAW 1.5G DL and 3G DL occasionally can make the image incorrect on the OLED screen. Disconnect & reconnect one of the SDI inputs to correct. Recording is unaffected.
- IO Industries RAW files do not send color balance metadata to the Odyssey7Q so images appear incorrect. Recorded metadata color balance is set to 5600K but is not baked in.

PLAY

- Audio in HD Apple ProRes 422(HQ) 50p/60p files is out of sync because the Odyssey is currently playing back audio at 1080 25/30p. Recording is unaffected.
- Very fast scrubbing can show bad colors. The image corrects after scrubbing completed.
- The Playlist occasionally reports timecode as “00:00:00;00”. Eject and re-insert the SSD to correct.
- Multiple clip play is currently supported only in DPX and Apple ProRes 422(HQ).
- Scrubbing RAW or DPX files occasionally causes the image to pixelate. The image corrects after scrubbing completed.
- FS700 2K RAW files occasionally show improper colors on initial selection of a clip. De-select and then re-select the clip to correct.
- FS700 RAW files occasionally show vertical line on right edge of frame. Recording is unaffected.
- F700 4K RAW 50p files occasionally do not play back audio. Recording is unaffected.
- FS700 RAW 30p and 60p files occasionally play with jitter. De-select and re-select to correct. Recording is unaffected.

RECORD

- Audio at the last few frames of an Apple ProRes 422(HQ) file occasionally records static. Add two seconds of pre- and post-roll to shots to avoid.
- ARRIRAW 4:3 mode is currently unsupported.

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