

# Odyssey Firmware Release Notes

## Firmware Version 2015.8

### NEW FEATURES (ODYSSEY7Q+)

#### CANON XC10 SUPPORT

- UHD Apple ProRes 23.98p, 25p, 29.97p
- UHD->HD SuperSample to Apple ProRes 23.98p, 25p, 29.97p
- (Camera trigger & HDMI timecode in HD Only)

### NEW FEATURES (ODYSSEY7Q+ / ODYSSEY7Q)

#### FS7/FS700 HIGH SPEED RAW -> APPLE PRORES SUPPORT

##### **FS7/FS700:**

- 4K RAW -> 4K Apple ProRes, 50p & 60p added
- 4K RAW -> UHD Apple ProRes, 50p & 60p added
- 2K RAW HS -> HD Apple ProRes, 100p, 120p, 200p, 240p  
(Only one SSD can be mounted for recording 2K HS Apple ProRes)  
(Only Odyssey int. TC supported (Seed, Time-of-Day DF & NDF))

##### **FS700 only:**

- 4K RAW Burst -> 4K Apple ProRes, 100p & 120p
- 4K RAW Burst -> UHD Apple ProRes, 100p & 120p

*NOTE: Requires Odyssey RAW Bundle or Sony FS RAW Option*

#### CANON C300 MKII RAW SUPPORT

- 4K RAW recording up to 30p
- QHD RAW recording up to 30p
- 4K RAW -> 4K Apple ProRes up to 30p
- QHD RAW -> UHD Apple ProRes up to 30p

*NOTE: Requires Odyssey RAW Bundle or Canon RAW Option*

### NEW FEATURES (ODYSSEY7Q+ / ODYSSEY7Q / ODYSSEY7)

#### VECTORSCOPE

- Analog or Digital Trace
- Trace display in green or color (true CbCr)
- Variable Zoom 1.0x - 15.0x (Finger Drag left-right)
- Zoom Presets 1,2,5,10,15x (Finger Drag up-down)

#### FIXES & IMPROVEMENTS

- FIXED Audio issues in 1080i59.94 playback
- FIXED 4K to 2K/HD Downscale Line at the bottom of image.
- IMPROVED Color Bars
- IMPROVED Odyssey Menu Font

#### KNOWN ISSUES

- 2K Raw 23.98-60p is not supported in 2K Raw HS to HD ProRes.
- On Canon XC10 camera trigger and HDMI timecode are not supported in UHD but work in HD.

#### KNOWN ISSUES FROM 2015.7

##### MONITOR

- 4K HDMI input, HDMI output has lines in the image. Note SDI output is unaffected. Recording is unaffected.
- Color Bars on, powering up unit with video source connected can result in a black screen. Disconnect SDI or HDMI to remedy.
- Some Preset LUTs may need to have Extended/Legal ranges adjusted when selected.
- Image Analysis Tool Overlays are slower than previous firmware (Lines on the display).
- Graticules for Image Analysis Tools are not currently displayed on the video outputs.
- Anamorphic Desqueeze is not supported in Canon Half Raw at this time.
- When PSF output is selected OLED display is interlaced.

##### PLAY

- Playback of Sony 4K RAW (on Odyssey7Q+ only) occasionally shifts image slightly horizontal. Recording is unaffected.

# Release Notes

## RECORD

- Remove 3:2 Pulldown is not supported in DPX.
- Occasionally when viewing or recording 4K/UHD->2K/HD SuperSample, lines can appear on the OLED display. Recorded files as unaffected.
- IN FS700 4K Raw Burst mode (100p/120p), ten extra frames are recorded at the end of each clip. Occasionally these are bad frames. This will be corrected in future firmware from 450 frames to proper 440 frames.
- IN FS700 4K Raw Burst mode (100p/120p) -> 2K/HD Apple ProRes, the amount of frames that are recorded may vary based on trigger type and clip to clip. Note the Odyssey always records 420+ frames in this mode.

## OPERATION

- SSD Detection is longer than previous 5-10 seconds.
- Loading of SSD LUTs can take up to 30 seconds.
- Occasionally LUT deletion does not work correctly. Deleted LUTs may reappear after power cycle. Resetting LUTs in \*->ODYSSEY->RESET menu will delete all imported LUTs.

## PREVIOUS 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 will occasionally swap tracks when recording in DPX.
- Using Analog Audio and HDMI video, occasionally SDI, HDMI and headphone outputs do not carry audio.
- 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.
- PIXEL ZOOM in RAW or DPX occasionally causes stretching of image.
- 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.
- SDI/HDMI outputs have a pink line in image on Canon C500 2K 12-bit/10-bit video. 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

- PLAY mode audio occasionally out of sync.
- Playlist occasionally reports timecode as "00:00:00;00". Eject and re-insert the SSD to correct.
- FS700 RAW files occasionally show vertical line on right edge of frame.
- Recording is unaffected.
- FS700 RAW 60p files occasionally play with jitter. De-select and re-select to correct. Recording is unaffected.
- Multiple clip playback not supported in RAW formats.
- Canon UHD RAW occasionally plays back black image. De-select and re-select to correct. Recording is unaffected.

## RECORD

ARRIRAW 4:3 mode is currently unsupported.

## POST

- FS RAW files appear green when imported directly into SpeedGrade. This is corrected in Speedgrade 2015.
- Pending Adobe update, import via dynamic link from Premier.
- Canon Cinema 4K half RAW 100/120 does not work in Adobe or Resolve
- Working with Adobe and BMD to resolve.
- In Resolve 11 Lite, FS7 and FS700 RAW (CinemaDNG) files may appear underexposed please follow the setup guide found here (FS7 Workflow Guide by Nick Shaw) :<https://convergent-design.com/odyssey7q-knowledge-base.html?kbartid=28>

*NOTE: Updating firmware on an Odyssey monitor/recorder requires the use of an SSD. If an Odyssey monitor/recorder is currently running firmware version 5.10.100 (March 2015) or 2015.5 (May 2015) then a qualified Samsung SSD (see list above) as well as an Odyssey SSD can be used to perform the update. Samsung SSDs require the Convergent Design SSD Handle kit to mount in an Odyssey monitor/recorder. Odyssey monitor/recorders running earlier firmware versions must use an Odyssey SSD to perform the update.*