

## Firmware Version 2017.07.1713

### NEW FEATURES: APOLLO & APOLLO OPTION (ODYSSEY7Q+/7Q)

#### QUAD-HD: AVID DNxHD .MOV SUPPORT

*Simultaneously record up to four streams of Avid DNxHD 220 or 145Mb.*

- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080i 50, 59.94;
- 720p 50, 59.94, 60

*Note: Activation Key required (free) to enable Quad-HD DNxHD .MOV Support.*

#### QUAD-HD QUAD-SPLIT: TIMECODE OPTION

*Option to “deselect” or select a Timecode window which is baked into the Quad-Split recorded image in Quad-HD Apple ProRes, or Avid DNxHD Recordings.*

### NEW FEATURES: ODYSSEY RAW BUNDLE (ODYSSEY7Q+/7Q)

#### PANASONIC VARICAM LT 2K/ HD 240P SUPPORT

- Record RAW in CinemaDNG from the Panasonic Varicam LT
- Variframe Supported from 2->240 fps
- HD LT RAW -> HD Cinema DNG 23.98, 25, 29.97, 50, 59.94, 100, 120, 200, 240
- 2K LT RAW -> 2K Cinema DNG 23.98, 25, 29.97, 50, 59.94, 100, 120, 200, 240

### NEW FEATURES: ODYSSEY ( ODYSSEY7Q+/7Q/)

#### HD DNxHD .MOV SUPPORT

- Single Channel Recording to Avid DNxHD 4:2:2 at 220 or 145 Mb.
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080i 50, 59.94; 720p 50, 59.94, 60
- 720p 50, 59.94

*Note: Activation Key required (free) to enable HD DNxHD .Mov Support.*

### NEW FEATURES: ALL MODELS (APOLLO, ODYSSEY7Q+/7Q/7)

#### 8-CHANNEL AUDIO / 2-CHANNEL AUDIO SELECTION

*Selection is now available for Embedded Audio to be either 8-Channel or 2-Channel in various record modes including:*

- HD/2K Apple ProRes
- HD Avid DNxHD
- 4K/UHD Apple ProRes
- Quad HD Apple ProRes
- Quad HD Avid DNxHD

*Note: 8-channel audio not available in RAW, RAW->Apple ProRes, DPX, or Apple ProRes 4444 modes*

### FIXES & IMPROVEMENTS

#### APOLLO

- FIXED Input loss Recovery with Avid DNxHD Files
- FIXED 2:3 Pulldown Support
- FIXED Audio issue found with QT files and Telestream
- IMPROVED Source Naming added to XML file

#### ODYSSEY RAW BUNDLE

- FIXED Varicam LT MetaData Issue with Non-Smart Lenses
- FIXED Rare Canon RAW -> Apple ProRes frame issue
- FIXED Rare Canon RAW -> Random Touches
- FIXED Rare ARRIRAW -> Random Touches
- FIXED Sony 4k 100/120 fps burst -> HD/2K Apple Prores half length recording
- IMPROVED Playback Scrubbing artifacts of RAW recordings
- IMPROVED Record Button Allowed with FS5/FS700 4K 100/120 burst, All Modes, allowing users to record 4k 50/60p via record button and 4k 100/120 with camera trigger

## ALL DEVICES

- FIXED Apple Prores Playback Scrubbing artifact in lower right corner.
- FIXED Issues associated with Computer Generated Images
- FIXED occasional black playback in Apple Prores
- FIXED corruption issue when new generation Samsung 850 EVO drive
- IMPROVED Voltage Display Accuracy.
- IMPROVED Dual 6G SDI Support.
- IMPROVED Playback Quality with all Apple ProRes recordings
- IMPROVED Detection of 4K 50/60p signals.
- RESTORE DEFAULTS: Is now automatically performed on power-up immediately after a firmware update (a dialog alerts user when this happens). Please note settings before updating, and adjust settings as needed after updating.

## SOFTWARE

### CD APPLE PRORES AND AVID DNxHD TRANSFER TOOL 3.0 (UPDATED)

- Support Added for Avid DNxHD Files, Note DNxHD recordings will not work with previous transfer tool.
- Windows and Mac versions available

### AVID DNxHD .MOV FILE SUPPORT WITH QUICKTIME PLAYER 7.

*"Avid Codec LE" must be installed on systems you wish to play Avid DNxHD files in Quicktime Player (Mac or PC) . [http://avid.force.com/pkb/articles/en\\_US/download/Avid-QuickTime-Codecs-LE](http://avid.force.com/pkb/articles/en_US/download/Avid-QuickTime-Codecs-LE)*

### AVID DNxHD .MOV NLE SUPPORT

<http://www.avid.com/products/avid-dnxhr-and-dnxhd#Avid-DNxHD-for-editors>

### AVID DNxHD .MOV AMA SUPPORT

[http://avid.force.com/pkb/articles/en\\_US/download/en435111](http://avid.force.com/pkb/articles/en_US/download/en435111)

## KNOWN ISSUES 2017.07.1713

### AUDIO

- When playing back short 50/60p files if "Skip Frames" is not set, audio static can occur. Recorded files are unaffected.
- Occasionally the SDI/HDMI outputs can exhibit static in the audio. To correct, perform a RESET then reselect desired settings.

### PLAY

- Occasionally when playing back the screen will first appear black, grey, or with inverted colors, to correct, Select Live then go back to Playback.
- Canon RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.
- Occasionally playback will result with static audio, to correct perform a factory reset, then reselect the correct settings.
- DPX 2K 12 Bit RGB 444 Playback will result in scrambled playback, Recorded files are unaffected. DPX HD 12 Bit RGB 444 Playback works fine..
- Occasionally when switching between playback and record "Can't record Check SSD's may occur" when recording Quad DNxHD, to remedy power the unit off then back on.

### RECORD

- Titan 4K / 422 Mode fails to load with Odyssey7Q
- Note Odyssey7Q+ and Apollo works correctly, to use Titan, users must roll back prior firmware.
- Titan with FS Raw Camera's is unaffected.
- Pixel Zoom, Vectorscope, and Spot Meter are disabled during record in Quad-HD, Dual-HD, Dual-4K, and 2K High Speed Apple ProRes to avoid recording errors.
- When Recording Varicam 2K / HD 200 / 240p the Odyssey will report 240 / 200 fps regardless of sensor rate. (24, ,25, 50, 60, 100, 120 etc)
- Note with all 2K / HD Varicam Recording Dual SSD's are Required.
- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported
- (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file.
- When recording Sony FS 4K RAW-> 4K/UHD Apple ProRes at 50/59.94p, using Pixel Zoom will shift image on OLED. Recorded files are unaffected.
- In Canon RAW, in rare cases Odyssey may misinterpret frame rate changes on the camera. To correct, toggle in and out

- of Playback, or remove and reconnect SDI A input.
- In IO 4K RAW, when powered off the camera will revert to 4K30p.
- To set to 4K60p, disconnect SDI C on Odyssey, change camera setting to 4K60p, then reconnect SDI C.
- ARRI 6G-SDI not currently supported.
- BlackMagic Design 6G-SDI is supported.
- In FS RAW, occasionally in 2K High Speed RAW->Apple ProRes 100/120/200/240, the audio recorded will be static.
- To correct, switch out of and then return to this record mode.
- Varicam LT RAW, Variframe should not be changed during recording.
- Varicam LT RAW, and ARRIRAW Variframe Support minimum 2 fps difference required between Output and Sensor Frame Rate.
- IE (24/25 not supported, when using Variframe).

## APOLLO

- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo / Apollo Option AV Align feature is not supported with Avid DNxHD Quad HD Recordings.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.
- In Apollo Mode, Camera Trigger from Master Input B not functional.
- In Apollo Mode, Master Camera does not affect Analog Audio. If selected, Analog Audio is always sent to Input A and Quad-Split/Live-Switch.
- In Apollo mode, occasionally when playing back A,B,C,D + Live Switch the image will appear incorrect (inverted or wrong colors on one or more of the video outputs). To correct, RESET the the unit.

## OTHER

### *The Following is Not Supported with Avid DNxHD*

- Avid DNxHD MXF based file recording (Op1a or Avid OPAtom )
- Avid DNxHR
- Avid DNxHD 4444 Support
- Dual HD Recording to Avid DNxHD
- Monitor 1 Record 1 HD Recording to Avid DNxHD
- 4K Titan Raw Extract to Avid DNxHD
- FS RAW Titan Raw Extract to Avid DNxHD
- Canon RAW to Avid DNxHR 4K / UHD
- FS RAW to Avid DNxHR and Avid DNxHD (4K/UHD/2K/HD)
- FS RAW High Speed to Avid DNxHD
- Files recorded with previous firmware builds not compatible with 2017.06.1706
- When the firmware update is complete the Odyssey / Apollo will prompt for a factory reset. Once complete you can reselect your prior settings.
- When updating to a previous firmware release, First Select "HD ProRes" prior to updating. Once the update is complete a factory reset must be performed.
- During firmware update the OLED display may go black. To correct, connect a video signal to SDI A IN.
- Migrating from some previous firmware, after a firmware update various setting may not take effect until the selection is altered and then reset back to the desired selection. It is recommend that ALL USERS do a FACTORY RESET after the firmware update is complete.
- Camera Trigger is now passed through to SDI outputs. A device utilizing the trigger signal will have a momentary interruption in the video signal at the end of each recording. This interruption will not be recorded.
- Panasonic GH4 firmware v2.4 is recommended for correct Camera Trigger function with Odyssey/Apollo.

## PREVIOUS KNOWN ISSUES 2016.10.1641 RELEASE

### AUDIO

- When playing back short 50/60p files if "Skip Frames" is not set, audio static can occur. Recorded files are unaffected.
- Occasionally the SDI/HDMI outputs can exhibit static in the audio. To correct, perform a Factory RESET then reselect desired settings.

### PLAY

- Canon RAW and VariCam LT RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.
- VariCam LT RAW playback image may occasionally appear incorrect when switching from Record to Playback or when mixing various frame rates or resolutions. Deselect the desired clip, then reselect from the playback menu to correct.
- DPX 2K 12-bit playback is not supported.
- Audio Meters when paused during Play, meters show all 8 channels at random levels.
- Occasionally Indiecama RAW when switched from Record to Playback, will display as purple. Toggle between Record/Play, or deselect then reselect the desired clip to correct.
- Occasionally a RAW file will appear corrupted in Playback. Toggle between Record/Play, or scrub through the clip to correct. Recorded files are unaffected.
- When playing back 720p in HD ProRes or Titan, note there are display artifacts that appear above the scrub bar, note this is a playback issue, recorded files are unaffected.
- Using the Previous and Next clip buttons to play multiple clips, if clips vary in format, resolution or bit-depth a scrambled image may appear. Deselect then reselect the desired clip to correct. Recordings are unaffected.
- 4K ProRes 1:1 zoom, may shift image, when zooming to right hand corner, this is a playback artifact, recording is

# Release Notes

unaffected.

- In various Record modes, and using 1:1 zoom, may result in the image may become stretched, current work around is to use 2:1 zoom when this occurs.

## RECORD

- Pixel Zoom, Vectorscope, and Spot Meter are disabled during record in Quad-HD, Dual-HD, Dual-4K, and 2K High Speed Apple ProRes to avoid recording errors.
- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file, it is recommend for all FS700 users to be using the latest camera firmware.
- In IO 4K RAW, when powered off the camera will revert to 4K30p. To set to 4K60p, disconnect SDI C on Odyssey, change camera setting to 4K60p, then reconnect SDI C.
- ARRI 6G-SDI not currently supported. BlackMagic Design 6G-SDI is supported with 7Q+ and Apollo.

## APOLLO

- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.
- In Apollo Mode, Camera Trigger from Master Input B not functional.
- In Apollo Mode, Master Camera does not affect Analog Audio. If selected, Analog Audio is always sent to Input A and Quad-Split/Live-Switch.
- In Apollo mode, occasionally when playing back A,B,C,D + Live Switch the image will appear incorrect (inverted or wrong colors on one or more of the video outputs). To correct, Factory RESET the the unit.
- Master Selection B is non-functioning (Audio and Timecode come from A input)

## OTHER

- Files recorded with previous firmware builds not compatible with 2016.10
- Shutdown/Eject SSD: OLED Flickers while Updating Clips
- During firmware update the OLED display may go black. To correct, connect a video signal to SDI A IN.
- It is recommend that all users do a FACTORY RESET after the firmware update is complete.
- Camera Trigger is now passed through to SDI outputs. A device utilizing the trigger signal will have a momentary interruption in the video signal at the end of each recording. This interruption will not be recorded.
- Panasonic GH4 firmware v2.4 is recommended for correct Camera Trigger function with Odyssey/Apollo.
- When updating firmware, some devices may display "Error Reading Update File". If this occurs, disconnect and then reconnect power and run the update again.
- Occasionally after a firmware update when loading modes the unit will report an Error 8 warning (ie "Error 8 Loading 4K ProRes"). Power cycle unit, perform a Factory Reset, and select the record mode again to correct. If issue reoccurs, select a different record mode, then load in the desired recording mode.
- In VariCam LT RAW on rare occasions the timecode will reset to 00:00:00:00 for the first frame of recording. All other recorded frames will contain the proper timecode.
- In VariCam LT RAW when recording in VFR the timecode will always be based on the Project Setting at the beginning of record.
- In Titan Extract mode, if the unit is powered up with the incorrect Record window setting (1080p vs 720p) for the camera input, this may result in a black image, or scrolling B and C windows, to correct, disconnect the input, (HDMI or SDI) change the setting from 1080 to 720, and reconnect the input.
- In the latest update for FCPX, for Mac OS 10.10 and newer, this appears to to have broken FCPX Compatibility with CinemaDNG (FS RAW, Varicam LT RAW, IO 2k, IO 4K, and Indiecama RAW) Support. The current workaround, if you have updated, is to use Davinci Resolve Lite (Free).

## PREVIOUS KNOWN ISSUES 2016.06.1431 RELEASE

### AUDIO

- When playing back short 50/60p files if "Skip Frames" is not set, audio static can occur. Recorded files are unaffected.

### PLAY

- Canon RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.

### RECORD

- Pixel Zoom, Vectorscope, and Spot Meter are disabled during record in Quad-HD, Dual-HD, Dual-4K, and 2K High Speed Apple ProRes to avoid recording errors.
- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file.
- When recording Sony FS 4K RAW-> 4K/UHD Apple ProRes at 50/59.94p, using Pixel Zoom will shift image on OLED. Recorded files are unaffected.
- In Canon RAW, in rare cases Odyssey may misinterpret frame rate changes on the camera. To correct, toggle in and out



of Playback, or remove and reconnect SDI A input.

- In IO 4K RAW, when powered off the camera will revert to 4K30p. To set to 4K60p, disconnect SDI C on Odyssey, change camera setting to 4K60p, then reconnect SDI C.
- ARRI 6G-SDI not currently supported. BlackMagic Design 6G-SDI is supported.
- In FS RAW, occasionally in 2K High Speed RAW->Apple ProRes 100/120/200/240, the audio recorded will be static. To correct, switch out of and then return to this record mode.

## APOLLO

- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.
- In Apollo Mode, Camera Trigger from Master Input B not functional.
- In Apollo Mode, Master Camera does not affect Analog Audio. If selected, Analog Audio is always sent to Input A and Quad-Split/Live-Switch.
- In Apollo mode, occasionally when playing back A,B,C,D + Live Switch the image will appear incorrect (inverted or wrong colors on one or more of the video outputs). To correct, RESET the the unit.

## PREVIOUS KNOWN ISSUES 2016.01.1336 RELEASE

- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- Files recorded with previous firmware builds not compatible with 2016.01.
- During firmware update the OLED display may go black. To correct, connect a video signal to SDI A IN.
- When playing back short 50/60p files if "Skip Frames" is not set, static audio can occur. Recorded files are unaffected.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file.
- When recording Sony FS 4K RAW->4K/UHD Apple ProRes at 50/59.94p, using Pixel Zoom will shift image on OLED. Recorded files are unaffected.
- Canon RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.
- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.

## PREVIOUS KNOWN ISSUES 2015.12 RELEASE

- If signal is lost while recording in Dual-Stream Monitoring mode, ending current recording may take up to 10 seconds.
- In Dual-Stream Monitoring, Analog Audio is only supported on HDMI/SDI A.
- Skip Frame 50/60p is not supported in 4K Raw->4K/UHD Apple ProRes.
- Occasionally when changing frame rates, or when the source is removed the OLED will change to a green/taupe. To correct, reconnect a video source, switch to Playback and then back to live or cycle power.
- DPX 444 not currently supported on 7Q (works on 7Q+). Apple ProRes 4444/4444(XQ) fully supported.
- Occasionally when switching from Live to Playback the video will be black or White, to remedy, select a clip from the playlist, or switch back to live, then back to playback.
- If "Input Mismatch" is seen with a dual link source, remove SDI B, then reconnect. (Apple ProRes 4444, ARRIRAW, Canon RAW)
- Color bars can appear distorted. To correct, disconnect video inputs when viewing color bars.
- Zoom does not work correctly in Canon RAW/Half RAW (this does work in Canon RAW->Apple ProRes).
- Dual-Link 1080p50/60 422 from the ALEXA is not supported. Use single 3G-SDI for 1080p50/60 422. (Apple ProRes/DPX)

## 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

- 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

- Very fast scrubbing can show bad colors. The image corrects after scrubbing completed.
- 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.

## Firmware Version 2017.06.1706

### NEW FEATURES: APOLLO & APOLLO OPTION (ODYSSEY7Q+/7Q)

#### QUAD-HD: AVID DNxHD .MOV SUPPORT

*Simultaneously record up to four streams of Avid DNxHD 220 or 145Mb.*

- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080i 50, 59.94;
- 720p 50, 59.94, 60

**Note: Free Activation Key (view on Account page) required to enable Quad-HD DNxHD .Mov Support.**

#### QUAD-HD QUAD-SPLIT: TIMECODE OPTION

*Option to “deselect” or select a Timecode window which is baked into the Quad-Split recorded image in Quad-HD Apple ProRes, or Avid DNxHD Recordings.*

### NEW FEATURES: ODYSSEY RAW BUNDLE (ODYSSEY7Q+/7Q)

#### PANASONIC VARICAM LT 2K/ HD 240P SUPPORT

*Record RAW in CinemaDNG from the Panasonic Varicam LT*

*VariFrame Supported from 2->240 fps*

- HD LT RAW -> HD CinemaDNG 23.98, 25, 29.97, 50, 59.94, 100, 120, 200, 240
- 2K LT RAW -> 2K CinemaDNG 23.98, 25, 29.97, 50, 59.94, 100, 120, 200, 240

### NEW FEATURES: ODYSSEY ( ODYSSEY7Q+/7Q/)

#### HD DNxHD .MOV SUPPORT

*Single Channel Recording to Avid DNxHD 4:2:2 at 220 or 145 Mb.*

- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080i 50, 59.94; 720p 50, 59.94, 60
- 720p 50, 59.94

**Note: Activation Key required (free) to enable HD DNxHD .Mov Support.**

### NEW FEATURES: ALL MODELS (APOLLO, ODYSSEY7Q+/7Q/7)

#### 8-CHANNEL AUDIO / 2-CHANNEL AUDIO SELECTION

*Selection is now available for Embedded Audio to be either 8-Channel or 2-Channel in various record modes including:*

- HD/2K Apple ProRes
- HD Avid DNxHD
- 4K/UHD Apple ProRes
- Quad HD Apple ProRes
- Quad HD Avid DNxHD

**Note: 8-channel audio not available in RAW, RAW->Apple ProRes, DPX, or Apple ProRes 4444 modes**

### FIXES & IMPROVEMENTS

#### APOLLO

- FIXED 2:3 Pulldown Support
- FIXED Audio issue found with QT files and Telestream
- IMPROVED Dual 6G SDI Support.
- IMPROVED Source Naming added to XML file

## ODYSSEY RAW BUNDLE

- FIXED Rare Canon RAW -> Apple ProRes frame issue
- FIXED Rare CanonRAW -> Random Touches
- FIXED Rare ARRIRAW -> Random Touches
- IMPROVED Sony 2K FS RAW -> 2K/HD Apple ProRes Recordings
- IMPROVED Playback Scrubbing artifacts of RAW recordings

## ALL DEVICES

- FIXED Apple ProRes Playback Quality with interlaced recordings.
- FIXED Playback Scrubbing artifact in lower right corner.
- FIXED Issues associated with Computer Generated Images
- IMPROVED Voltage Display Accuracy.
- IMPROVED Playback Quality with All Apple ProRes Recordings
- IMPROVED Detection of 4K 50/60p signals.
- RESTORE DEFAULTS: Is now automatically performed on power-up immediately after a firmware update (a dialog alerts user when this happens). Please note settings before updating, and adjust settings as needed after updating.

## SOFTWARE

### CD APPLE PRORES AND AVID DNxHD TRANSFER TOOL 3.0 (UPDATED)

*Support Added for Avid DNxHD Files, Note DNxHD recordings will not work with previous transfer tool.*

*Windows and Mac versions available*

### **Avid DNxHD .MOV File Support with QuickTime Player 7.**

*"Avid Codec LE" must be installed on systems you wish to play Avid DNxHD files in Quicktime Player (Mac or PC) . [http://avid.force.com/pkb/articles/en\\_US/download/Avid-QuickTime-Codecs-LE](http://avid.force.com/pkb/articles/en_US/download/Avid-QuickTime-Codecs-LE)*

### **Avid DNxHD .MOV NLE Support**

<http://www.avid.com/products/avid-dnxhr-and-dnxhd#Avid-DNxHD-for-editors>

### **Avid DNxHD .MOV AMA Support**

[http://avid.force.com/pkb/articles/en\\_US/download/en435111](http://avid.force.com/pkb/articles/en_US/download/en435111)

## KNOWN ISSUES 2017.06

### AUDIO

- When playing back short 50/60p files if "Skip Frames" is not set, audio static can occur. Recorded files are unaffected.
- Occasionally the SDI/HDMI outputs can exhibit static in the audio. To correct, perform a RESET then reselect desired settings.

### PLAY

- Occasionally when playing back the screen will first appear black, grey, or with inverted colors, to correct, Select Live then go back to Playback.
- Canon RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.
- Occasionally playback will result with static audio, to correct perform a factory reset, then reselect the correct settings.
- DPX 2K 12 Bit RGB 444 Playback will result in scrambled playback, Recorded files are ineffective.
- Occasionally when switching between playback and record "Can't record Check SSD's may occur" when recording Quad DNxHD, to remedy power the unit off then back on.

### RECORD

- Pixel Zoom, Vectorscope, and Spot Meter are disabled during record in Quad-HD, Dual-HD, Dual-4K, and 2K High Speed Apple ProRes to avoid recording errors.
- When Recording Varicam 2K / HD 200 / 240p the Odyssey will report 240 / 200 fps regardless of sensor rate. (23,25,50,60,100,120 etc) Note with All 2K / HD Varicam Recording Dual SSD's are Required.
- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file.
- When recording Sony FS 4K RAW-> 4K/UHD Apple ProRes at 50/59.94p, using Pixel Zoom will shift image on OLED. Recorded files are unaffected.
- In Canon RAW, in rare cases Odyssey may misinterpret frame rate changes on the camera. To correct, toggle in and out of Playback, or remove and reconnect SDI A input.
- In IO 4K RAW, when powered off the camera will revert to 4K30p. To set to 4K60p, disconnect SDI C on Odyssey, change camera setting to 4K60p, then reconnect SDI C.
- ARRI 6G-SDI not currently supported. BlackMagic Design 6G-SDI is supported.
- In FS RAW, occasionally in 2K High Speed RAW->Apple ProRes 100/120/200/240, the audio recorded will be static. To correct, switch out of and then return to this record mode.

## APOLLO

- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo / Apollo Option AV Align feature is not supported with Avid DNxHD Quad HD Recordings.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.
- In Apollo Mode, Camera Trigger from Master Input B not functional.
- In Apollo Mode, Master Camera does not affect Analog Audio. If selected, Analog Audio is always sent to Input A and Quad-Split/Live-Switch.
- In Apollo mode, occasionally when playing back A,B,C,D + Live Switch the image will appear incorrect (inverted or wrong colors on one or more of the video outputs). To correct, RESET the the unit.

## OTHER

- The Following is Not Supported with Avid DNxHD
  - Avid DNxHD MXF based file recording (Op1a or Avid OPAtom)
  - Avid DNxHR
  - Avid DNxHD 4444 Support
  - Dual HD Recording to Avid DNxHD
  - Monitor 1 Record 1 HD Recording to Avid DNxHD
  - 4K Titan Raw Extract to Avid DNxHD
  - FS RAW Titan HD Raw Extract to Avid DNxHD
  - Canon Raw to Avid DNxHR 4K / UHD
  - FS RAW to Avid DNxHR and Avid DNxHD (4K/UHD/2K/HD)
  - FS RAW High Speed to Avid DNxHD
- Files recorded with previous firmware builds not compatible with 2017.06.1706
- When the firmware update is complete the Odyssey / Apollo will prompt for a factory reset. Once complete you can reselect your prior settings.
- When updating to a previous firmware release, First Select "HD ProRes" prior to updating. Once the update is complete a factory reset must be performed.
- During firmware update the OLED display may go black. To correct, connect a video signal to SDI A IN.
- Migrating from some previous firmware, after a firmware update various setting may not take effect until the selection is altered and then reset back to the desired selection. It is recommend that ALL USERS do a FACTORY RESET after the firmware update is complete.
- Camera Trigger is now passed through to SDI outputs. A device utilizing the trigger signal will have a momentary interruption in the video signal at the end of each recording. This interruption will not be recorded.
- Panasonic GH4 firmware v2.4 is recommended for correct Camera Trigger function with Odyssey/Apollo.

## KNOWN ISSUES 2016.10.1641 RELEASE

### AUDIO

- When playing back short 50/60p files if "Skip Frames" is not set, audio static can occur. Recorded files are unaffected.
- Occasionally the SDI/HDMI outputs can exhibit static in the audio. To correct, perform a Factory RESET then reselect desired settings.

### PLAY

- Canon RAW and VariCam LT RAW playback may be jumpy. To correct, select a point within the clip and press PLAY. If this does not correct issue, deselect clip then reselect.
- VariCam LT RAW playback image may occasionally appear incorrect when switching from Record to Playback or when mixing various frame rates or resolutions. Deselect the desired clip, then reselect from the playback menu to correct.
- DPX 2K 12-bit playback is not supported.
- Audio Meters when paused during Play, meters show all 8 channels at random levels.
- Occasionally Indecam RAW when switched from Record to Playback, will display as purple. Toggle between Record/Play, or deselect then reselect the desired clip to correct.
- Occasionally a RAW file will appear corrupted in Playback. Toggle between Record/Play, or scrub through the clip to correct. Recorded files are unaffected.
- When playing back 720p in HD ProRes or Titan, note there are display artifacts that appear above the scrub bar, note this is a playback issue, recorded files are unaffected.
- Using the Previous and Next clip buttons to play multiple clips, if clips vary in format, resolution or bit-depth a scrambled image may appear. Deselect then reselect the desired clip to correct. Recordings are unaffected.
- 4K ProRes 1:1 zoom, may shift image, when zooming to right hand corner, this is a playback artifact, recording is unaffected.
- In various Record modes, and using 1:1 zoom, may result in the image may become stretched, current work around is to use 2:1 zoom when this occurs.

### RECORD

- Pixel Zoom, Vectorscope, and Spot Meter are disabled during record in Quad-HD, Dual-HD, Dual-4K, and 2K High Speed Apple ProRes to avoid recording errors.
- Record spanning from SSD 2 back to SSD 1 is no longer supported.
- 1.5G-SDI Quad-Link for 4K/UHD up to 30p is no longer supported (use 3G-SDI Dual-Link). 3G-SDI Quad-Link for 4K/UHD up to 60p is supported.
- In rare cases when switching frame rates on the FS700, a false camera trigger may occur, resulting in a 1 second file, it is recommend for all FS700 users to be using the latest camera firmware.
- In IO 4K RAW, when powered off the camera will revert to 4K30p. To set to 4K60p, disconnect SDI C on Odyssey, change



# Release Notes

- camera setting to 4K60p, then reconnect SDI C.
- ARRI 6G-SDI not currently supported. BlackMagic Design 6G-SDI is supported with 7Q+ and Apollo.

## APOLLO

- In Apollo mode, when using LTC In timecode source, cameras must be genlocked to prevent timecode drift.
- In Apollo mode, when using Pixel Zoom, on-screen camera angle labels may not be correctly aligned.
- In Apollo mode, Anamorphic Desqueeze is not available.
- Apollo Dual-4K does not support loss of source. If either video signal is lost the recording will stop.
- In Apollo Mode, Camera Trigger from Master Input B not functional.
- In Apollo Mode, Master Camera does not affect Analog Audio. If selected, Analog Audio is always sent to Input A and Quad-Split/Live-Switch.
- In Apollo mode, occasionally when playing back A,B,C,D + Live Switch the image will appear incorrect (inverted or wrong colors on one or more of the video outputs). To correct, Factory RESET the the unit.
- Master Selection B is non-functioning (Audio and Timecode come from A input)

## OTHER

- Files recorded with previous firmware builds not compatible with 2016.10
- Shutdown/Eject SSD: OLED Flickers while Updating Clips
- During firmware update the OLED display may go black. To correct, connect a video signal to SDI A IN.
- It is recommend that all users do a FACTORY RESET after the firmware update is complete.
- Camera Trigger is now passed through to SDI outputs. A device utilizing the trigger signal will have a momentary interruption in the video signal at the end of each recording. This interruption will not be recorded.
- Panasonic GH4 firmware v2.4 is recommended for correct Camera Trigger function with Odyssey/Apollo.
- When updating firmware, some devices may display "Error Reading Update File". If this occurs, disconnect and then reconnect power and run the update again.
- Occasionally after a firmware update when loading modes the unit will report an Error 8 warning (ie "Error 8 Loading 4K ProRes"). Power cycle unit, perform a Factory Reset, and select the record mode again to correct. If issue reoccurs, select a different record mode, then load in the desired recording mode.
- In VariCam LT RAW on rare occasions the timecode will reset to 00:00:00:00 for the first frame of recording. All other recorded frames will contain the proper timecode.
- In VariCam LT RAW when recording in VFR the timecode will always be based on the Project Setting at the beginning of record.
- In Titan Extract mode, if the unit is powered up with the incorrect Record window setting (1080p vs 720p) for the camera input, this may result in a black image, or scrolling B and C windows, to correct, disconnect the input, (HDMI or SDI) change the setting from 1080 to 720, and reconnect the input.
- In the latest update for FCPX, for Mac OS 10.10 and newer, this appears to to have broken FCPX Compatibility with CinemaDNG (FSRAW, Varicam LT RAW, IO 2k, IO 4K, and Indiecama RAW) Support. The current workaround, if you have updated, is to use Davanci Resolve Lite (Free).

## Earlier Versions

*Please see our website for release notes for earlier firmware versions.*