ALEXA
Sample Footage

TECHNICAL INFORMATION

Date: 22nd October 2014

Introduction

ARRI provides sample footage, shot on an ALEXA camera with a release version of SUP 9.0. This document gives an overview of the footage.

The shots are intended for anyone who wants to test a workflow with ALEXA ProRes, DNxHD and/or ARRIRAW files. For example, to test LUTs for converting from LogC to Rec709, or to check how each of the different formats the ALEXA camera has to offer is best handled in different editing systems.

Please note that this sample footage was created for workflow evaluation purposes.

About the Footage

All clips were captured with an ARRI ALEXA XT Plus camera. We've shot nine different formats in all project speeds available (i.e. time code base set to 23.967, 24, 25, 29.97 and 30 fps). Each project speed folder contains sync speed as well as overcranked high speed clips.

We used an ARRI/Fujinon Alura Lightweight Zoom for all 16:9, an ARRI/Zeiss Master Anamorphic 35mm lens for all 4:3 anamorphic shots and an ARRI Ultra Wide Zoom for the Open Gate clips.

The ProRes or DNxHD footage has been recorded either in the ALEXA Log C Wide Gamut color space or by using the ALEXA LCC look file in the REC 709 color space at 5600K white balance. You can get hold of the full set of metadata by extracting it from the corresponding file's header.

Mode	Format	Resolution	Comments
16:9 HD spherical	DNxHD 115/120/145	1920x1080	REC 709, standard speed, sync audio
	DNxHD 175x/185x/220x	1920x1080	REC 709, standard speed, sync audio
	DNxHD 444	1920x1080	REC 709, standard speed, sync audio
	ProRes 422 HQ	1920x1080	REC 709, standard speed, sync audio
	ProRes 422 HQ	1920x1080	Log C, standard speed, sync audio
	ProRes 4444	1920x1080	Log C, standard speed, sync audio
	ProRes 4444	1920x1080	Log C, high speed, no audio
	ProRes 4444 XQ	1920x1080	Log C, standard speed, no audio
16:9 2K spherical	ProRes 422 HQ	2048x1152	Log C, standard speed, sync audio
	ProRes 4444	2048x1152	Log C, standard speed, sync audio
	ProRes 4444	2048x1152	Log C, high speed, no audio
	ProRes 4444 XQ	2048x1152	Log C, standard speed, no audio
4:3 2K spherical	ProRes 422 HQ	2048x1536	Log C, standard speed, sync audio
	ProRes 4444	2048x1536	Log C, standard speed, sync audio
	ProRes 4444 XQ	2048x1536	Log C, standard speed, no audio
4:3 2K anamorphic	ProRes 4444	2048x1536	Log C, standard speed, sync audio
	ProRes 4444 XQ	2048x1536	Log C, standard speed, no audio
16:9 spherical	ARRIRAW	2880x1620	standard speed, sync audio
	ARRIRAW	2880x1620	high speed, no audio
4:3 full spherical	ARRIRAW	2880x2160	standard speed, sync audio
	ARRIRAW	2880x2160	high speed, no audio
4:3 full anamorphic	ARRIRAW	2880x2160	standard speed, sync audio
4:3 crop anamorphic	ARRIRAW	2578x2160	standard speed, no audio
Open Gate spherical	ARRIRAW	3414x2198	standard speed, sync audio

Known Issues

- Some of the “upside down”-clips (Image transform set to “rotate 180°”) lack steadiness.

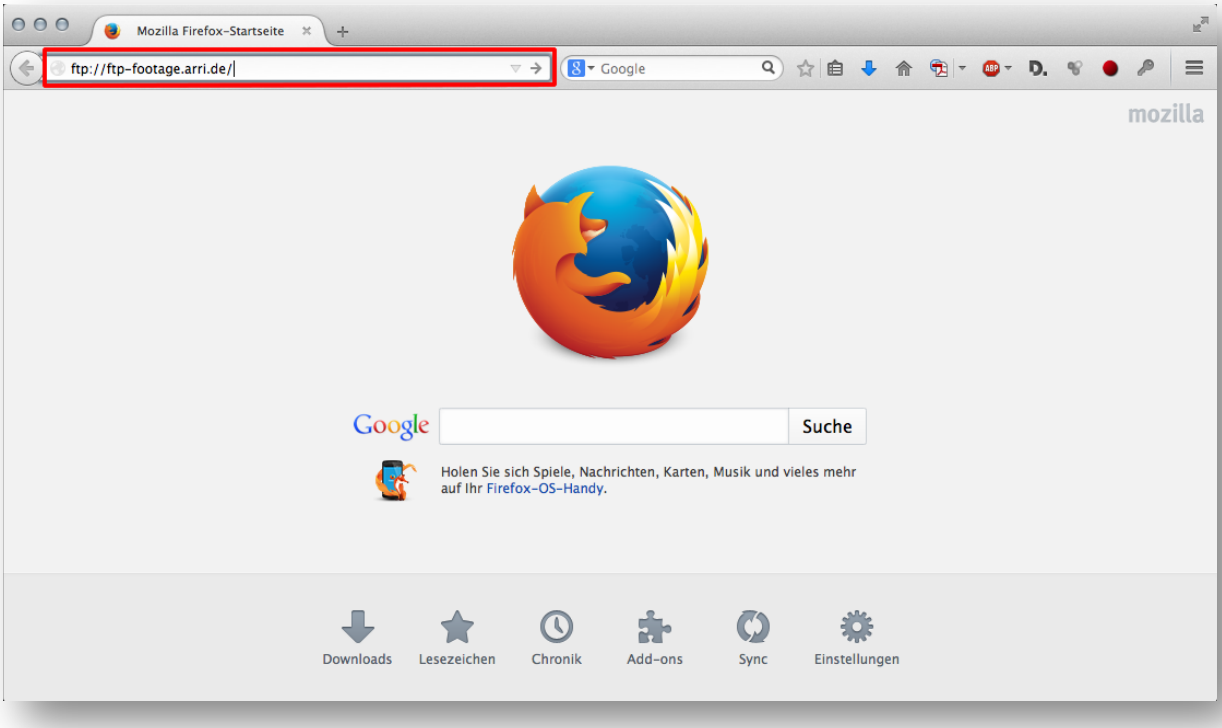
How to get the Sample Footage

The ALEXA Sample Footage is available for download via out FTP server.

Server: **ftp-footage.arri.de**
User: **ALEXA**
Password: **samplefootage**

Downloading footage from our FTP server

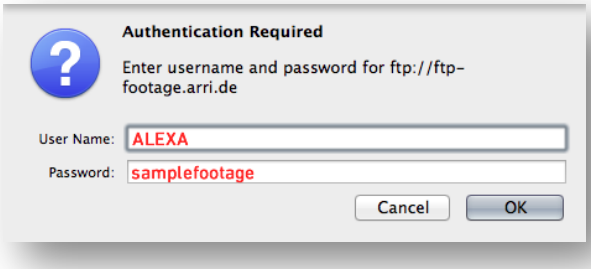
As written above, ALEXA as well as AMIRA sample footage is available from our FTP-server. Downloading data from an ftp-server can be done in two ways: via your browser or by using a FTP-tool. The browser-method does not require any installation.



FTP access in Firefox browser (others work similar)

Type the server’s name in the address-bar and press Enter. Don’t forget the *ftp://* prefix, instead of *http://* for regular websites. It reads ftp://ftp-footage.arri.de

Next, the server will prompt for user name and password:



Click OK and you will see the content of the ALEXA folder:

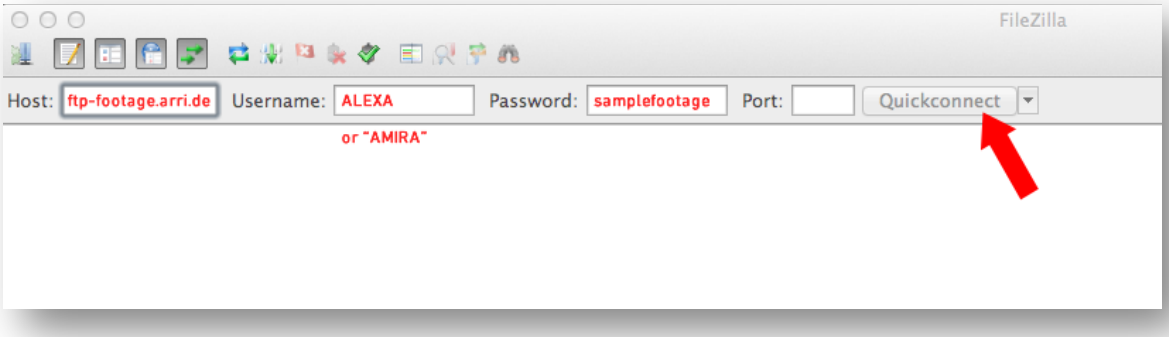
Browse the folders and download the desired files.

Because ARRIRAW is a single frame file format every “clip” consists of many single files. At this point the browser-method becomes uncomfortable (there’s a solution, a so called mass-downloader add-on like “DownloadThemAll” a right click on one of the ARRIRAW frames detects similar linked files and presents the option to download all of these files) whereas an ftp-tool is easier to handle.

FTP access in Filezilla

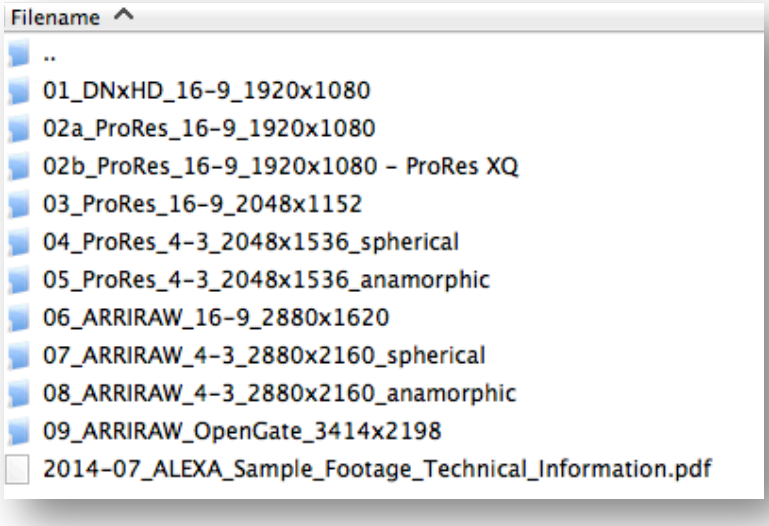
Filezilla is a typical ftp-tool developed within an open source project. It is available for Mac, Linux and Windows operating systems. Go to https://filezilla-project.org to download and install your copy. If you’ve started Filezilla and everything seems confusing, have a look at the documentation: https://wiki.filezilla-project.org/FileZilla_Client_Tutorial_%28en%29

To access our sample footage server fill in the fields as shown:



Choose "Quickconnect".
If you have troubles connecting please check your firewall settings or similar protective measurements.

Once connected you will be presented with the folder structure in a familiar way (like in Finder or Explorer):



Now you can drag & drop the folders to your local drive on the left side.

Additional Information

Please have a look at the following documents that can be found on our website at http://www.arri.com/alexa/downloads.

- ALEXA Open Gate White Paper
- ProRes 2K in Editorial
- ALEXA LOG C Curve – Usage in VFX
- ALEXA DNxHD Data Sheet
- MXF/DNxHD White paper

For feedback or questions regarding the sample footage please email us at digitalworkflow@arri.de.