Device: AJA FS2



Introduction

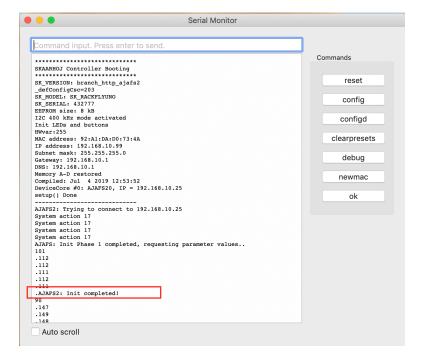
A number of parameters on the AJA FS2 frame synchronizer can be controlled from a SKAARHOJ control panel. The complete feature set is not implemented but a large variety of actions can be found. This document gives you an overview of possible control parameters.

The implementation have been done on a FS2 with Software Version 2.1.1.5.

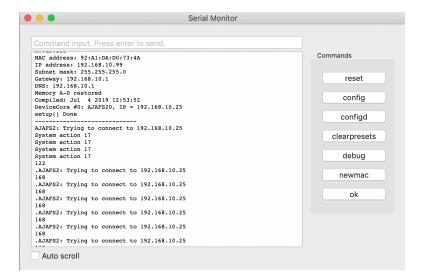
Connection

Due to the amount of information on the FS2 a connection time is approximately 10 seconds. Connection status is shown in the serial monitor.

When a SKAARHOJ device have successfully connected to the FS2 the serial monitor will report:



If the SKAARHOJ device are unable to locate the FS2 on the network the serial monitor will report:



Device Core Details

From the same panel it is possible to control the 2 different Video channels and switch between these on the fly. When relevant the channel for Actions on the FS2 Device Core can be set to Mem A-D, or Video 1-2. In the default configurations you will often find this set to Mem A so the different channels can be controlled on the fly by changing the Memory Parameter A to values between 1 to 2 elsewhere on the panel. The mapping between the Memory A and channels are shown below.



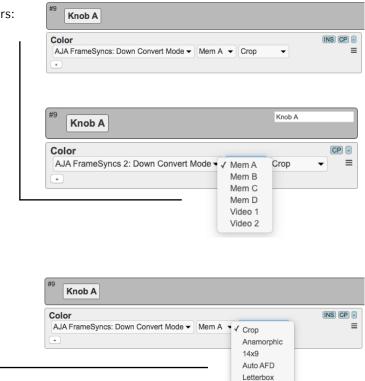
Mem A = 1 = Video 1 + Audio 1

Mem A = 2 = Video 2 + Audio 2

A action is typically build up of two parameters:

- Selection of the Video Channel on the FS2

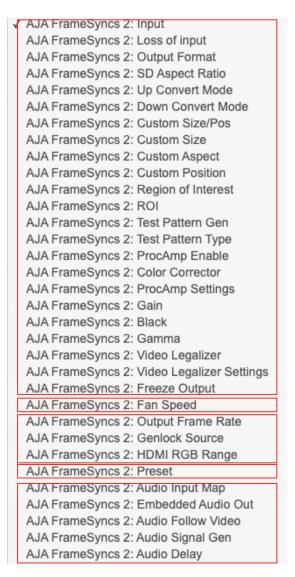
- Selection of a specific value if it exists

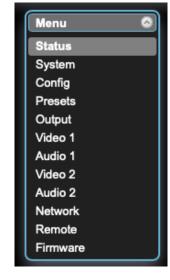


This is a overview of the actions implemented in the Device Core

√ AJA FrameSyncs 2: Input AJA FrameSyncs 2: Loss of input AJA FrameSyncs 2: Output Format AJA FrameSyncs 2: SD Aspect Ratio AJA FrameSyncs 2: Up Convert Mode AJA FrameSyncs 2: Down Convert Mode AJA FrameSyncs 2: Custom Size/Pos AJA FrameSyncs 2: Custom Size AJA FrameSyncs 2: Custom Aspect AJA FrameSyncs 2: Custom Position AJA FrameSyncs 2: Region of Interest AJA FrameSyncs 2: ROI AJA FrameSyncs 2: Test Pattern Gen AJA FrameSyncs 2: Test Pattern Type AJA FrameSyncs 2: ProcAmp Enable AJA FrameSyncs 2: Color Corrector AJA FrameSyncs 2: ProcAmp Settings AJA FrameSyncs 2: Gain AJA FrameSyncs 2: Black AJA FrameSyncs 2: Gamma AJA FrameSyncs 2: Video Legalizer AJA FrameSyncs 2: Video Legalizer Settings AJA FrameSyncs 2: Freeze Output AJA FrameSyncs 2: Fan Speed AJA FrameSyncs 2: Output Frame Rate AJA FrameSyncs 2: Genlock Source AJA FrameSyncs 2: HDMI RGB Range AJA FrameSyncs 2: Preset AJA FrameSyncs 2: Audio Input Map AJA FrameSyncs 2: Embedded Audio Out AJA FrameSyncs 2: Audio Follow Video AJA FrameSyncs 2: Audio Signal Gen AJA FrameSyncs 2: Audio Delay

The Actions are divided by using the control categories from the Frame Sync.





Status - Config

Status - Video 1-2

Status - System

Status - Presets

Status - Audio 1-2

This is a table of actions for AJA FS2 Device Core

