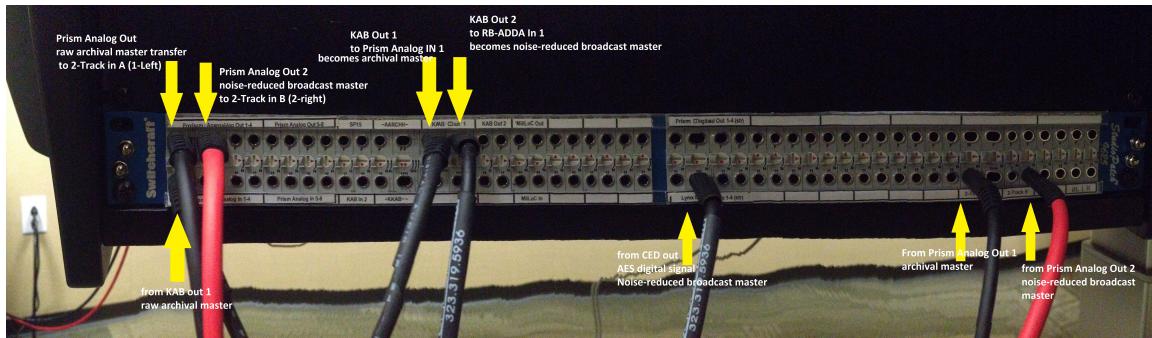


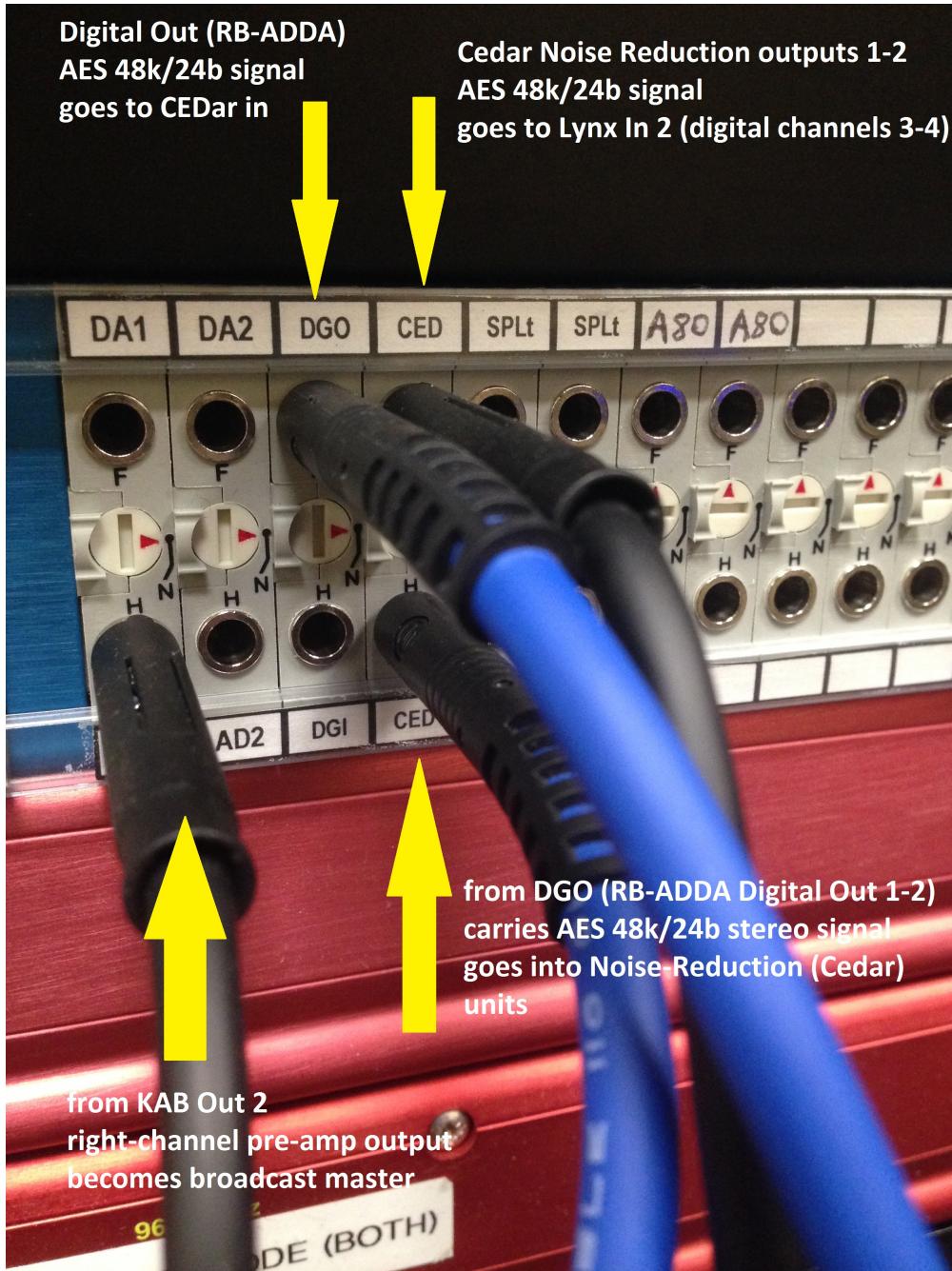
# Digitization Setup for Cylinders

The overview for the signal flow/ setup to digitize a cylinder is like this:

1. Archeophone analog out to the KAB
  - a. It's actually a mono signal that is doubled as it exits the Archeophone
2. KAB out 2 to Sonifex ADDA in 1
  - a. we actually send the KAB signal to the Noise Reduction rack as a whole, but the AD is the first stop
3. Sonifex ADDA digital out to the Cedars
  - a. the Cedars accept 48k 24bit ONLY, so that's what the Sonifex sends them
4. Cedar digital out into the Lynx digital in 3-4
  - a. The processed signal shows up on Channel 3 of the Lynx/ Wavelab
  - b. this signal arrives at the card as a 48kHz/24bit AES stereo
5. Lynx 3-4 is then automatically upscaled by the sound card to 96k/24bit

Here's some pics of what the signal routing should look like:





Here are some notes for this image:

1. The KAB has two phono ins. To toggle btw them you use the "phono sel" button on the far left. "Out" is the Arch, "in" is the SP-15
2. The EQ on the KAB should be set to "flat"
3. The BRX Digi Out runs to Lynx Digi In 3-4. This overrides the normalization btw the Prism Digital Outs and the Lynx Digital Ins
4. All of our patch cables are rated to 110Ohms, so they can all handle digital signals
5. To test, check the meters on the prism on paths 1-2
  - a. Path 1 is the signal into the ADA, there should only be signal on channel 1
  - b. Path 2 is the signal from the sound card (computer), there should be signal on channels 1-2
6. You can select which channels to monitor by switching the input on the Big Knob
  - a. It's handy to A|B the noise reduction so you know you're not taking anything too drastically away
  - b. Also it's helpful to press "Mono" on the Big Knob