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Subject: Digital level calibration ULN-2

Posted by [acoustic](#) on Mon, 01 Jun 2015 11:58:21 GMT

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Hi Folks,

I have a problem with too low level using digital inputs. I go with my mics (Schoeps cmc622) into my external preamp (Forsell SMP-2) into my external converter (Forsell MADC-2) and finally into my ULN 2 via AES/EBU.

The Problem: In spite of I give enough gain for the mics there is just too low level. The envelope in MIO Console is totally small. But when I use the ULN-2 AD-Conversion - the levels are perfect.

What I tried: I thought it would be a driver problem or a problem with the computer, but it is not. I recorded with another computer. The same happened. I recorded with different DAW. The same happened. I connected MADC-2 via S/PDIF OUT into my SoundDevices USBPre 2 to check, if there is a problem with the AES OUT of the MADC-2. Nothing...

May there is a simple calibration problem, so I contacted Fred Frossell first. He wrote: "There must be a different digital level calibration between the ULN-2 and the MADC-2. The MADC-2 is calibrated for 0 dBu analog input = -18 dBFS digital output. Do you know what your ULN-2 is calibrated for?"

Can anybody help me?

Thomas

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