Knowledge Base

Usage of the S/PDIF input of U24 XL (clock)

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U24 XL allows you to record optical or coaxial S/PDIF input signals. Make sure that you either use a coaxial S/PDIF cable or an optical Toslink cable, but not both at the same time.

The switching of the clock to master (internal) or slave (external) will be done automatically by U24 XL. That means for example, if your source device is configured as clock master, the U24 XL will receive clock from the source and automatically will be slave. There is no manual option to switch the word clock to internal or external through the U24 XL Control Panel. More important is that you need to adjust the same bit depth / sample rate in the U24 XL control panel manually to the same rate received from the clock master. This setting will not be done automatically.

If you have any clicks or noise by the incoming digital signal, please make sure you have set the correct bit depth / sample rate in the U24 XL control panel. Please also double check if you have selected the correct matching sample rate in your audio software and under Windows in case of older audio software (non-ASIO) the sample rate has to be confirmed in the Windows audio device settings as well. Nearly all problems when recording digital input signals are due to a incorrect sample rate, so it is important that you know the sample rate of the signal source.

Toggle between the anlaog and digital input buttons in the U24 XL control panel, so that the U24 XL can synchronize. Under mac OS you can also make this change in the *Audio MIDI Setup* utility where you can switch between *External Line Connector* (= Analog) and *External SPDIF Interface* (= Digital).