OpenX32 Hardware Audio Signal Flow – V0.1 Mixing Channels Input Output Routing **ADDA Input 8ch** DSP1 32 Channels **XLR ADDA Input 8ch** Input 1-40 8 AUX 40ch - Gate **ADDA Input 8ch** 1-32 8 FX Returns - Comp **ADDA Input 8ch** - EQ 168ch 16 Busses - Metering 6 Matrix + LR/MC **AUX** 32 XLR Output 1-40 1-6 6 AUX 40ch 8 DCA 2 Talkback **ADDA Input 8ch** 32 CARD Monitor TB 48 AES A 48 AES B A+B 6 Mute Groups Processing CARD Input 32ch 1-40 **FPGA** AES50 A/B 40ch 40ch Routing of 208 Channels In/Out **Processing Return ADDA Ouput 8ch** XLR 1-40 DSP2 1-16 **ADDA Ouput 8ch** - FX AES/EBU **USB** Rec **AUX** 1-6 168ch **ADDA Ouput 8ch** 2ch 2ch 2ch Mon 16 XLR LR Hardware 6 AUX 2 Monitor Out 32 CARD **AES/EBU** CARD Ouput 32ch 48 AES A iMX25 48 AES B AES3 **ALSA** Ultranet 16ch Alexander Schulz 32 Open Source Operating System for the AES50 A/B OpenMixerProjekt 2025 Open) Behringer X32 Audio Mixing Console https://openx32.de