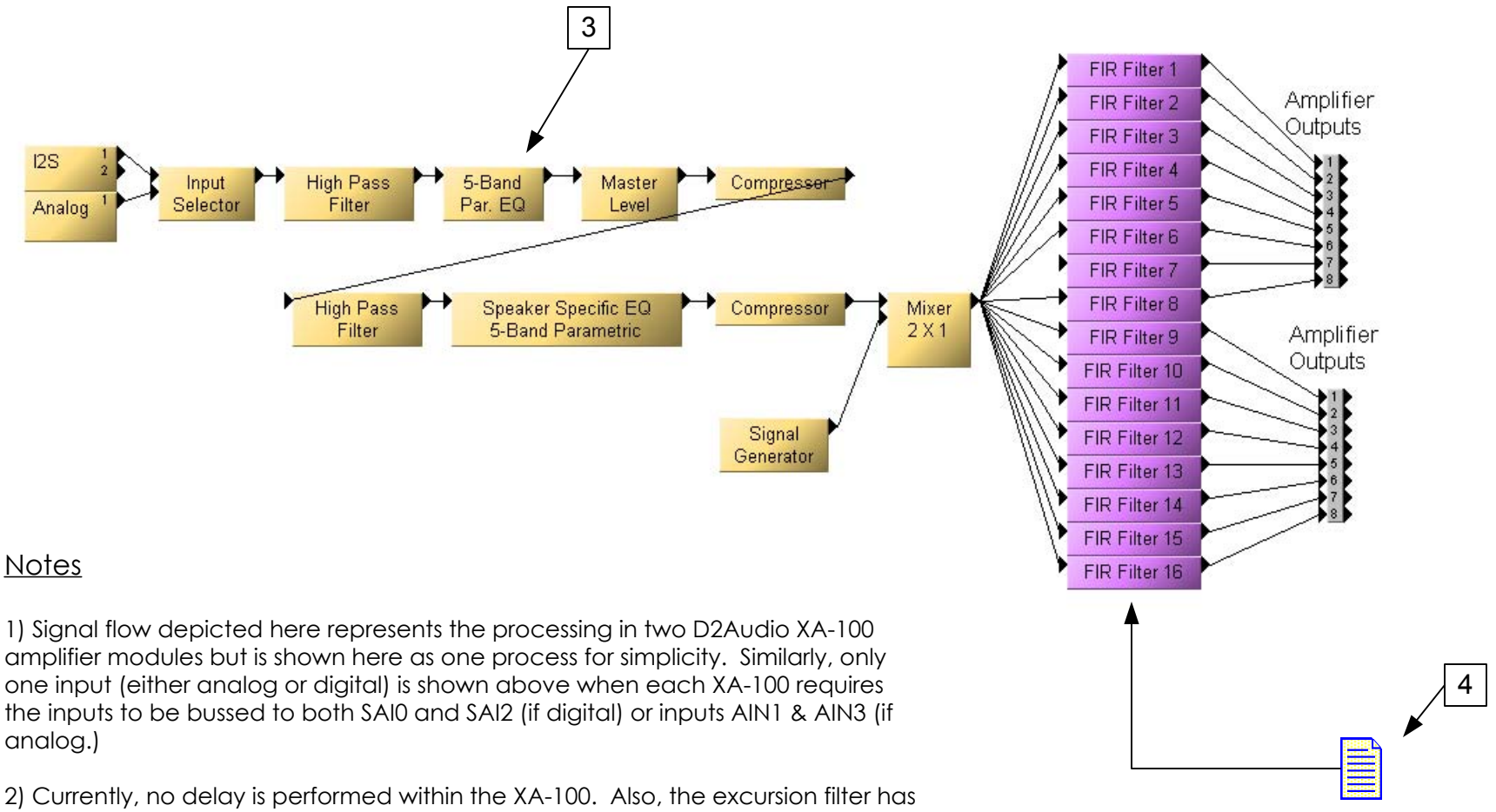

Notes

1) Signal flow depicted here represents the processing in two D2Audio XA-100 amplifier modules but is shown here as one process for simplicity. Similarly, only one input (either analog or digital) is shown above when each XA-100 requires the inputs to be bussed to both SAI0 and SAI2 (if digital) or inputs AIN1 & AIN3 (if analog.)

2) Currently, no delay is performed within the XA-100. Also, the excursion filter has not been included due to lack of definition for this algorithm.

3) The Renkus Heinz "DSP Flow" diagram differentiates between "User Adjustable" and "Factory Adjustable" processing blocks. The XA-100 provides this capability via it's two-wire control interface. Renkus Heinz can hide the registers that control the "Factory Adjustable" functions and can expose the "User Adjustable" functions through the programming interface.

4) DSP processing blocks shaded in tan (*those blocks before the FIR filters*) will be controlled via a specialized Renkus-Heinz version of D2Audio's USB-two wire control software called Audio Canvas. The FIR filters are not controlled via this interface, but can be loaded via the supplied FIR file downloader.

5) Each FIR filter currently has 501 taps as initially requested.

D2Audio Corp.		
XA DSP Signal Flow	9/27/2004	Renkus Heinz