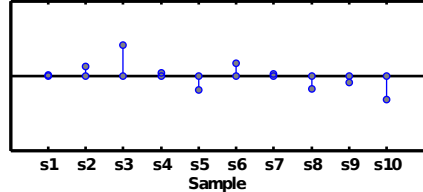


Analogue to digital conversion

ADC

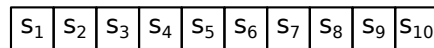


Buffer written to disk
and sent to DSP for
pre-output processing.

Disk

DSP

BUFFER



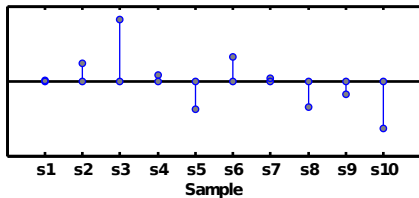
The buffer is filled one sample at
a time. This takes:

$$\frac{\text{BUFFER SIZE}}{\text{SAMPLE RATE}} \text{ seconds}$$

Processing time is equal to
buffer fill time.

Processing here:

Output gain = 2 x input gain



Digital to analogue conversion

DAC

