

Block = Discrete Unit of Synth control

- measured in individual samples

Useful Equations:

$$1) \text{Block size} = \frac{\text{Samples}}{\text{block}}$$

$$2) \frac{\text{Blocks}}{\text{frame}} = \frac{\left(\frac{\text{Sample rate}}{\text{FPS}} \right)}{\text{block size}}$$

$$= \frac{\text{Samples}}{\text{second}} \times \frac{\text{seconds}}{\text{frame}} \times \frac{\text{blocks}}{\text{sample}}$$

$$\text{audio_data} = \text{total samples} \times \frac{\text{blocks}}{\text{sample}}, \frac{\text{Samples}}{\text{block}}$$

#blocks, block size



