The Basics of Digital Recording for Teaching and Training

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The Physics of Sound

Frequency (Hz)

Amplitude
Digital Recording Signal Flow

sound → microphone → cable → pre-amp → A/D converter → computer

(magic)
Sound and Environment

$20-50
Microphone

Dynamic
Cardioid or Super-cardioid

http://www.bandwagonmedia.com/micPatterns.html
Magic Boxes

Analog to Digital Converter Units

- number of inputs
- types of outputs
- controls
- frosting

$200-4,000
Software Effects

Noise Gate
Compressor
De-esser
  Can be found under either compressor or EQ
  sibilance = 5-8 kHz
Normalizer