Basic Sound Systems
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Sound Systems

Sound Recording System

Sound Reinforcement System
Sound Play Back System

Input
- Transducer
- Microphone
  - Dynamic
    - Shure SM 58
  - Cardioid
    - PCC 160
    - Audio Teknika

Pre Amp
- Mic level
- Amplifies to Line Level
- Today usually performed in Mixer
Mixer
- Device to route INPUTS to OUTPUTS
- Carvin Mixer is 12 IN -- 6 OUT
- INPUTS may be MIC or LINE levels
- Can assign multiple INPUTS to a single or multiple OUTPUTS
- Mixer outputs are LINE level
- Can hear sound through headphones

Power Amplifier
- Amplify LINE level and sends to speaker
- 1 Amp = 1 Speaker
- Must be powerful enough to drive speaker

Output
- A Transducer
- Speaker
  - Driver
  - Cone