Sound Reinforcement 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