



Haunted Attraction Sound



System Design

Centralized
vs
Decentralized

Pros & Cons

- Centralized

- Pros

- Easy to manage
 - Protection from surge over/under voltage
 - Ability to use a matrix device, channel economy

- Cons

- All passive speakers with amps
 - Lots of wiring
 - Layout modifications can be a lot of work

- Decentralized

- Pros

- Can use powered speakers
 - Easy to pinpoint sound
 - No extensive cabling issues
 - Surge protection not as easy

- Cons

- Can't combine zones, etc.
 - Less control over volume / source material

Centralized system

- This is what we use at our haunt
 - Distribute audio and video
 - You can use left right channels independently for multiple zones



My System at Fear Fair



Source

- Digital is the only way to go
- We use American Audio SDJ1 players
 - replacing w/ Technical Pro URECC7
- Any digital media players will work (ac powered)
 - Hauntbots WavRunner
 - EFX Tek AP16+
- Alternative is a DAW PC



Distribution

- Audio/Video Matrix
 - We use Autopatch 8Y-XL
 - reswitch.com
 - 64x64 can be configured any way
 - various densities available
- Mixer
 - Optional but provides lots of control
 - Behringer MX3242X



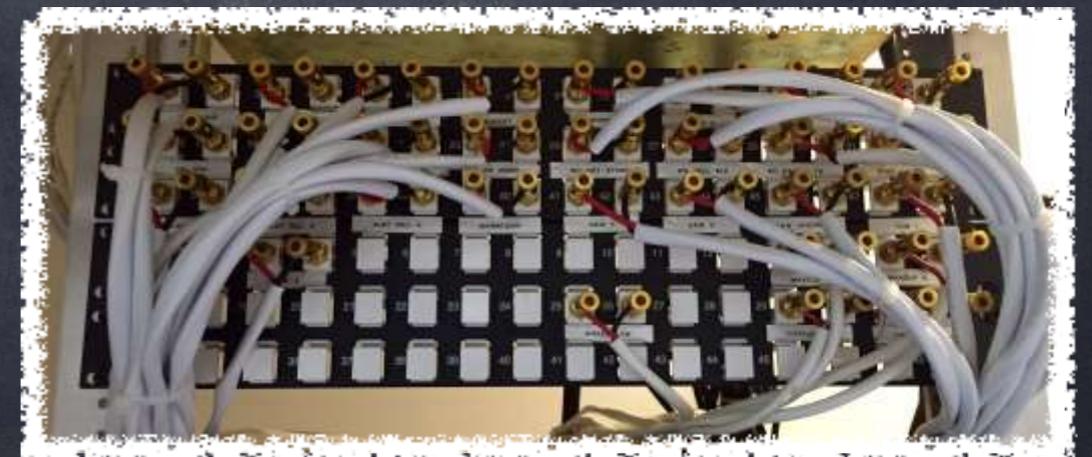
Announce Capability

- Use an audio ducker
- Can integrate with your alarm system annunciator



Amplification

- We use Samson Servo 120a amps
- Multi Channel amps can save space and money
 - Pyle PT8000ch \$258
 - 8 channels
 - Dayton MA1240a \$400
 - 12 channels
- Consider a patch panel



Video Distribution

- Inexpensive digital media players for source
 - Micca Speck \$40 (hdmi)
 - Micca MPlay \$30 (composite)
- Cat5 Baluns for wiring
- Rack mount crt monitors (optional)



Questions?



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