

**Updated: 8/24/2006 – Tim Hamm ([www.hamsterwheel.com](http://www.hamsterwheel.com))**

## **Hammster Wheel Sound System Specs:**

### Amps:

- 1 - Mackie 1400i 2-channel power amp – For main frontal speakers (typically used mono with crossover - one channel feeding low frequencies, and other feeding mid/hi frequencies – Can be used as stereo without crossover)
- 1 - Hafler Pro 2400 2-channel Power Amp – Used for 2 monitor channels

### Mixer:

Behringer Eurorack UB2442FX-Pro 24 input (10 mono with preamps) Channel Mixer  
(4 aux sends – 2 pre fader) – In “gig rig roto roller” wheel transport

### Microphones:

- 4 – Shure SM-58 Microphones
- 2 – Shure SM-57 Microphones
- 1 – Shure SM-58 Handheld Wireless Microphone
- 1 – Peavey PVM 520 Microphone
- 2 - Audio-Technica Midnight Blues MB 4K Condenser Microphones
- 1 - Audio-Technica PRO 37 Small Diaphragm Cardioid Condenser Microphone

### Speakers:

- 2 – JBL Compact Subwoofer (18” speaker)
- 2 – Peavey PR-12 Speaker (12” speaker)
- 2 – Community Wedge Monitors (10” speakers)
- 2 – Nady PS-115 Speakers (15” speakers) – Not typically used unless necessary – Good for “side fill” if needed, or larger onstage monitors
- 1 – SWR Wedge Monitor (10” speaker) – Only used when needed

### Miscellaneous Gear:

- 1 - 12 Channel 100 foot “snake”
  - 1 - Nady 2-channel 12 band each EQ
  - 1 - Alesis MIDIVerb II Effect Unit
  - 1 - Alesis 2-channel compressor
  - 1 - BBE Sonic Maximizer
  - 1 - Peavey CrossOver (runs 2 channels on Mackie amp – Lows to subs, Mid/Hi to PR-12s)
  - 6 - Microphone Stands with booms
  - 2 - Microphone Stands (straight without booms)
  - 1 - Kenwood CD Player (for “bumper” music)
  - 1 - Sony Mini-Disc Recorder/Player (portable unit for live recording from mixer)
  - 2 - Speaker Stands for Nady speakers or stand-alone Peavey PR-12s
  - 2 - Speaker mounts for Peavey PR-12s to mount on JBL Subwoofers (convenient)
  - 1 - Peavey 5-Channel “Gatekeeper” microphone gate (typically for live drums)
  - 1 - Alesis 10 channel mini rack mixer (typically for drum mic sub-mixing)
  - 4 - Passive direct boxes (for guitars or other instrument direct lines to mixer)
  - 2 - Low profile microphone stand (for kick drums or similar)
- Various microphone and speaker cables, as needed for setup