Sound Design and Engineering of
Bloody Bloody Andrew Jackson
Devin Bruton, Skyler Moore, Bruce Moran, Katy Morton

Collaborative Team

Bruce Moran, Sound Designer: Bruce was in charge of researching music while collaborating with the entire design team to ensure a unified message with Bloody Bloody Andrew Jackson. After completing research, Bruce was required to find all sounds and music necessary for the show and design as discussed in production meetings. From there, he edited and mixed the music and sound clips in Adobe Audition, a digital audio workstation. Following this, Bruce and the Board Operator, Kathryn Morton worked together to create the playback file in SFX, a digital playback program. Throughout this process, Bruce created several types of paperwork, including cue sheets, and was responsible for keeping it all up to date.

Skyler Moore, Sound Engineer (A1): Skyler was in charge of equipment setup for the production. This included but was not limited to setting up the soundboard, Behringer X32 along with the wireless microphone receiver and tuning all frequencies to avoid conflicts in the space. He also set up a private wireless network to connect a laptop and tablet running the Mixing Station XM32 Pro app for control of the board in all parts of the theater. During rehearsals and the run of the show, Skyler was in charge of mixing the show and ensuring the best possible quality from each and every microphone in the production.

Devin Bruton, Sound Engineer (A2): Devin started by taking inventory and placing orders for elements and microphone tape. From there, he sat in rehearsals with Skyler as they observed and wrote out their own cue sheets for when each microphone would be on or off stage. Once microphones were being used in rehearsals, Devin was on call in case something went wrong. He had quick problem-solving skills to keep everything running smoothly throughout the process. During mic check, Devin was on stage with the actors to tweak the microphone gains as needed, determined by Skyler, who was at the board. During all of this, Devin was also training Kathryn Morton on the process he went through to ensure preparation for the show and a good execution and assisting Skyler Moore with the equipment as needed.

Kathryn Morton, Assistant Sound Engineer/Board Operator: Kathryn started by assisting Skyler and Devin with setup and preparation as they needed her while Bruce pulled and edited his sounds. Once everything was setup, Kathryn and Bruce setup the playback file in SFX, a digital playback program. During the rehearsals and the run of the show, Kathryn started with a speaker check, to ensure that all speakers in use were functioning properly and troubleshoot any issues if anything was not working properly. She would help mic the actors and assist Devin on stage for mic check. During the run of the show, she executed all sound cues that were determined by Bruce and called by the stage manager, Bud Odom.

Job Descriptions

- Equipment
  - Behringer X32 Digital Sound Desk
  - Saffire Pro 24 Digital Interface
  - 15 – Sure ULX wireless microphones
- Sound support for 5 piece band
- SFX Digital Audio Playback
- Adobe Audition Digital Audio Editing

Special Solutions

- Mixing Station XM32 Pro for wireless operation of sound desk
- Private wireless network for sound system
- Developed techniques for working with microphones around prop blood

Signal Flow Chart

The signal flow diagram/chart is used to track the path of the audio signal from the output device. This chart shows the connections made on deck (stage), the connections from the device being used to the sound board, as well as any other technical inputs that the production calls for, such as microphones and their receivers, and in the end, you can see how these components are put together and their relationship to each other.