



# Sound Design and Engineering of *Bloody Bloody Andrew Jackson*

Devin Bruton, Skyler Moore, Bruce Moran, Katy Morton



## Collaborative Team



### Job Descriptions

**Bruce Moran, Sound Designer:** Bruce was in charge of researching music while collaborating with the entire design team to insure 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 the one 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 is not limited to setting up the sound board, Behringer X32 along with the wireless mic receiver rack and tuning all frequencies as 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 insuring 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 mic tape. From there he sat in rehearsals with Skyler as they observed and wrote out their own cue sheets for when each mic 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 need, determined by Skyler, who was at the board. During all of this Devin was also teaching/training Kathryn Morton the process he went through to insure preparation for the show and a good execution and assisting Skyler Moore with the equipment as needed.

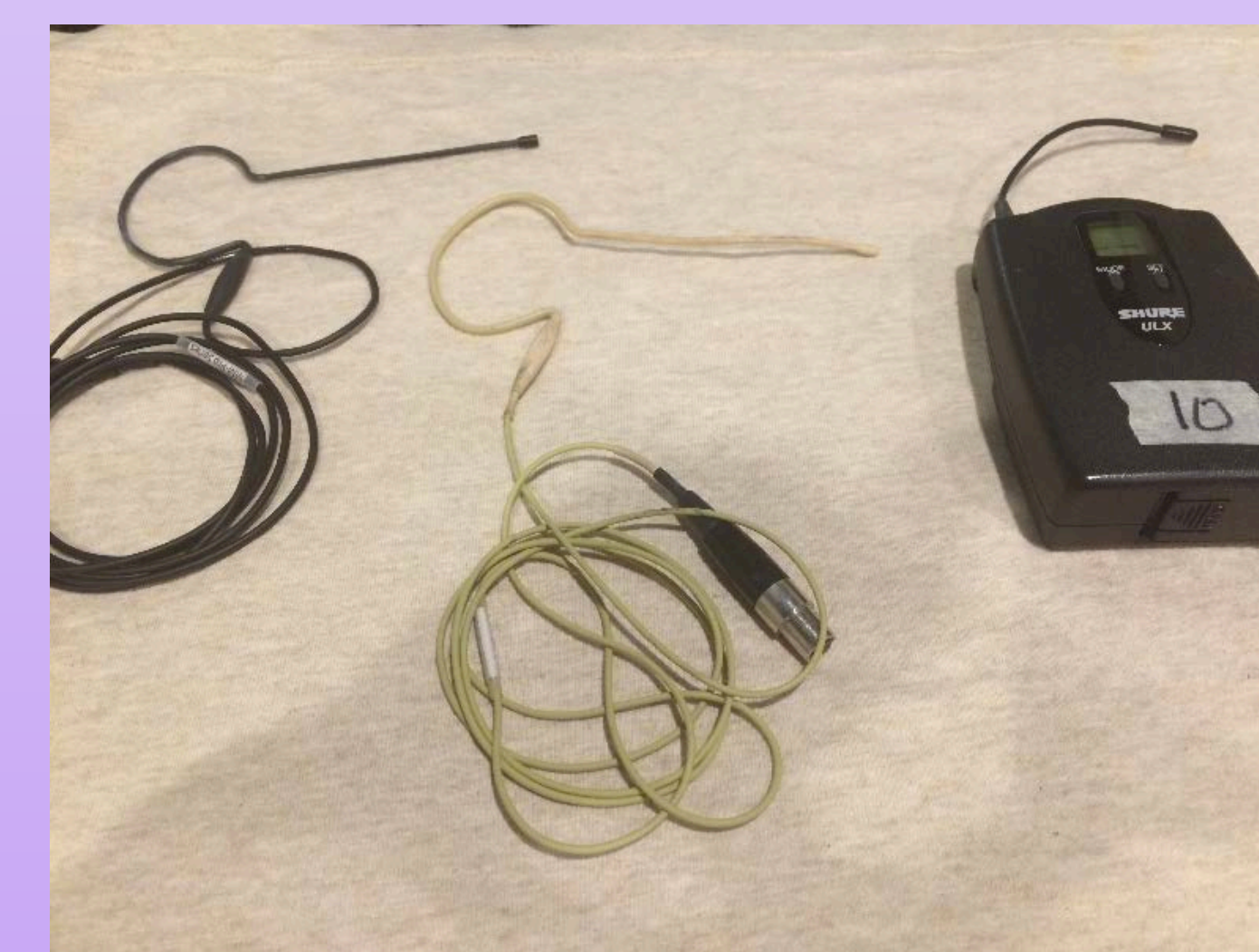
**Kathryn Morton, Assistant Sound Engineer/Board Operator:** Kathryn started by assisting Skyler and Devin with setup and preparation as they needed her while Bruce pulled and edited his sounds. Once everything was setup Kathryn and Bruce setup the playback file in SFX, a digital playback program. During the rehearsals and show Kathryn started with a speaker check, to insure that all speakers in use were functioning properly and trouble shooting if anything was not working properly. She then would help mic the actors and assisted 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.

## 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.

