

Setting Up and Using a Media Server with a Master Controller

Introduction:

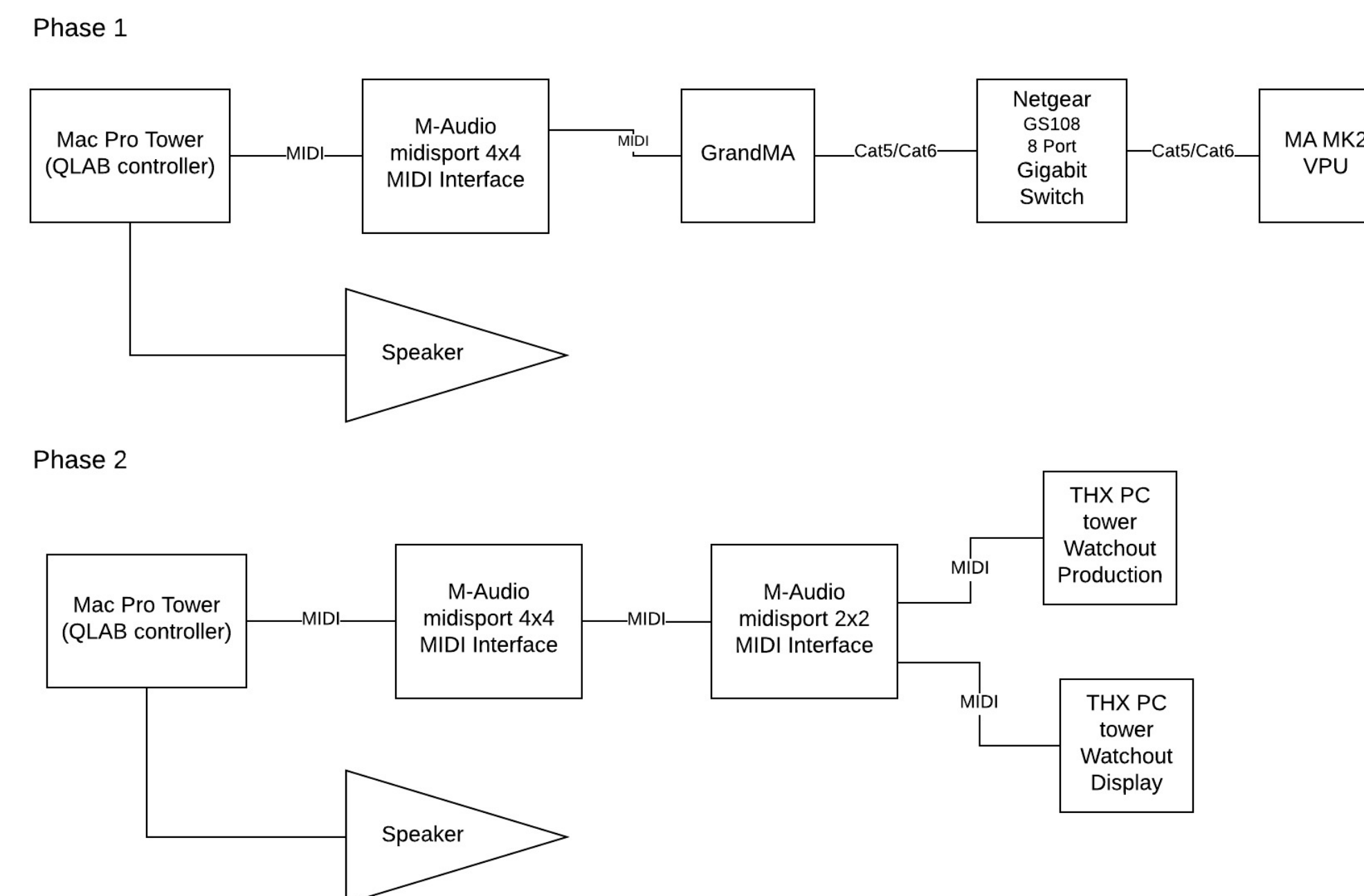
My goal when I graduate is to work on tour and/or regional venues. I wanted to put myself into test by creating a system with Artnet between GrandMA and a PC as a media server and research and implement a dynamic design between the projected lighting and sound content in order to develop more knowledge. This design would have lighting cues triggered by certain sounds and vice versa. My goal at the end of this project is to have specialized skill that will stand me out from other electricians and provide technical guidance in the future.

Process:

The final system was split into several phases. One phase was to have Qlab able to control GrandMA and Watchout. Then the phase to master GrandMA set up with a media server and being able to control it. Finally I included Watchout as a comparison in the project as a control group and compare results on usage.

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Block Diagram:



Results:

The media server had several disadvantages: more difficult to set up, appeared to be a more expensive solution, and higher risk since if GrandMA didn't work then the entire playback system would be unusable.

I was able to create a cue list on the Qlab that chose cues by random and had associated video playback that corresponded with specific sound cues. I also learned how to use lighting cues of Qlab.



Acknowledgements

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