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Home Studio Improvement: Outcome Report

Because of the generosity of the Miller Arts program, I was able to use the mini grant I received during the fall semester to purchase additional equipment for my home studio. I purchased all the supplemental material from whichever vendors I could locate it from (primarily Amazon). After receiving this equipment in the mail, I experimented with different set ups for the studio monitors before settling on a particular setting and positioning for the stands. The addition of the multiport adapter was perhaps the most impactful, since it allowed me to connect more inputs to my computer than ever before. For example, I could project my screen onto my monitor, connect my external hard drive to access essential files for Logic, play on my MIDI keyboard, and listen back on my studio monitors, all without requiring the removal and replacement of particular inputs. These quality-of-life changes greatly increased the rate at which I could work and develop my compositions. After my entire shipment of new equipment had arrived, I took time to test the microphone shield, re-recording some of the vocal takes off of my in-progress album.

Figure 1 in the Appendix shows my newly improved home studio. The vocal shield used for acoustic control of microphone recordings can be seen on the right. The studio monitors are placed on the newly purchased stands to mitigate frequency amplification, which was a major issue with them previously while they were on the table. This placement of monitors was made possible by the new, longer cable ordered to attach the right monitor to the audio interface. The multiport adapter can be seen in the bottom left, acting as the hub for practically all inputs, from the hard drive to the audio interface to the wireless mouse. As seen in the photo, I could finally use my monitor while I produced, greatly increasing the comfort of my workstation. Finally, the new wireless mouse and keyboard are both on the desk. These provide far more flexibility for maneuvering to create maximum comfort, space for MIDI keyboards, etc.

All of these updates to my studio would not have been possible without the generosity of the Miller Arts program, and I'm very grateful for their contribution to my continued growth as an artist.

Appendix:

Figure 1: The improved home studio



Table 1: Expenses

Item	Price
Ultimate Support JS-MS70 JamStands Series Studio Monitor Stands (Pair)	\$68.43
Universal 8-Port Powered USB	\$37.33
Lemorele HDMI to USB Adapter	\$28.33
8K HDMI 2.1 Cable 48Gbps 6.6FT/2M	\$14.33
Cable Matters USB-IF Certified 10 Gbps Gen 2 USB A to USB C Cable (USB C to USB Cable) in Black 3.3 Feet (x3)	\$34.20

Cable Matters 1/4 Inch TRS to XLR Cable (Male to Male) - 10 Feet (x2)	\$26.80
iClever BK10 Bluetooth Keyboard	\$34.40
Logitech 910002332 M325 Wireless Mouse	\$18.16
Primacoustic VoxGuard Recording Mic Ambient Noise Attenuator	\$100.41
Total (Tax included)	\$362.39