Setting up the Iso Booth

DICTIONARY

HA400 Microamp: This Microamp serves as a distribution system, allowing multiple users to listen in on a session. It is powered with a 12V cable, make sure you have this plugged in!

*Scarlett 2i2:*. Audio interface for mic and instrument plugins.

XLR: Electrical connector used for professional audio. Connector can have 3-7 pins. Three is the industry standard, and each pin serves a different purpose. One is for positive signal, the other for negative, and the third for a 'balanced' ground connection.

Mackie Mixer: 12-channel mixer that simultaneously controls levels of the desktop mic, and mics inside the booth. It is also used as a talkback system between the audio engineer and booth occupant.

Whisper Booth

The "SCiL booth" is an iso booth for professional recordings. You can record alone or in conjunction with another person. We will approach a recording session from a two-person perspective, helping to distinguish the roles between a Booth User and Audio Engineer.
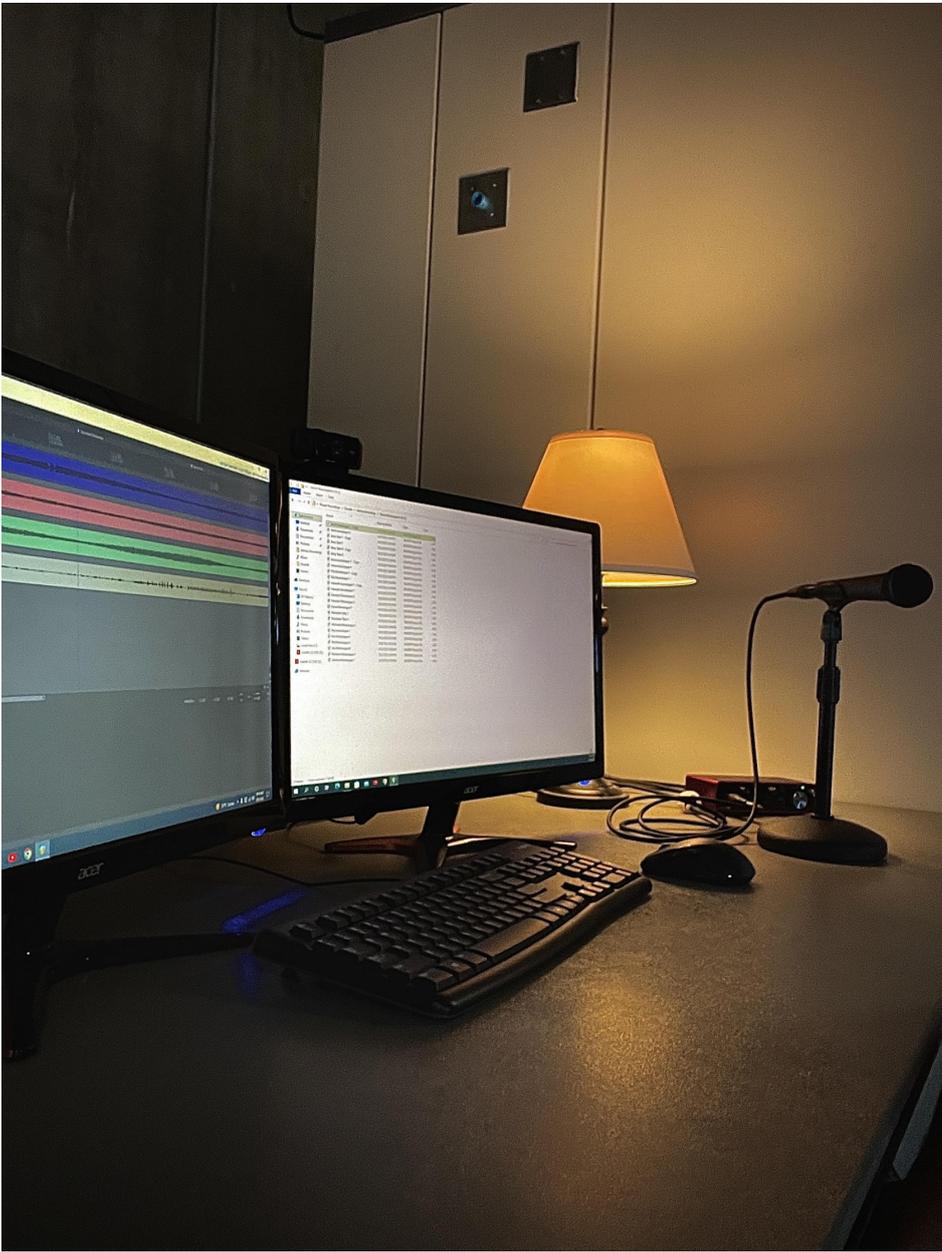
Setting Up

Plugging in

- Beneath the table and to the left is a wall pocket that connects outside.
- Make sure *XLR* or 1/4" cables are properly laid out, avoidant of footpaths to prevent tripping.

"*What is the purpose of plugging into this wall?*"

- Plugs inserted into these wall pockets can be run outside from an outer wall pocket. This benefits the audio engineer in various ways. (see image below)

- Cables that run outside all connect to the Mackie Mixer. This connects your mic plugins to the computer, which is connected by USB-C.
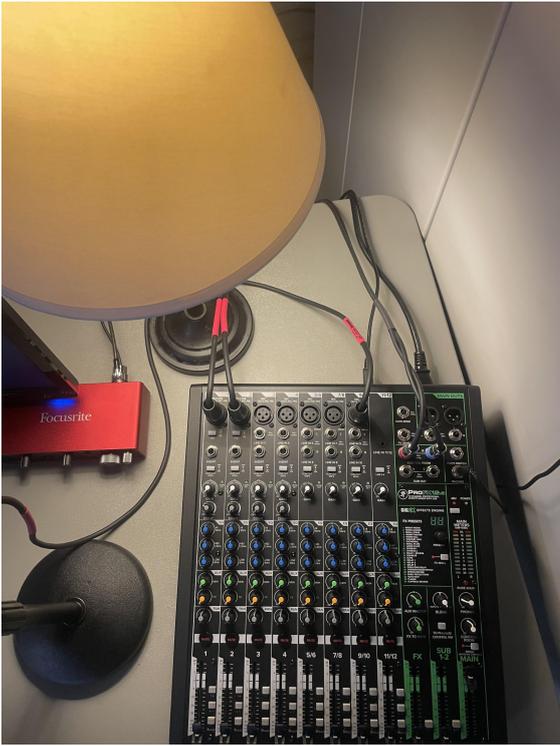
- Let's take a closer look at the interface...

Refer to the equipment page if you are unfamiliar with this audio interface, or other equipment.

- If the mic(s) and *HA400 Microamp* are hooked up to the inner wall pockets, they will run out the outer wall pockets and plug into this mixer.
- *XLR* inputs go into the combo jacks, which are connected to your mics.

- Combo jacks can accept XLR jacks, as seen above, as well as 1/4" inputs.
- There are seven channel inputs on the mixer. One will be for the outside mic, and two others for the mics inside the booth.
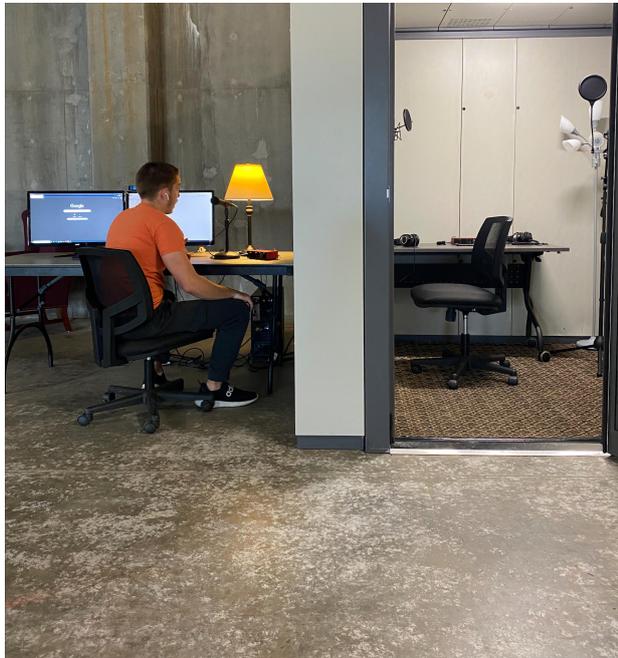
^As the Audio Engineer (left) speaks into the XM8500, the booth user (right) can hear his voice using the Audio Technica headphones. These are connected to the HA400.^

- Before we get into recording, let's recap what you do to setup:
  - Mics inside booth are plugged in, that you want to use, using XLR cable(s).

- HA400 is set up: power supply unit, headphones, and the signal source 1/4" TRS connector (**t**rip, **r**ing, **s**leeve). Click [here](#) for a deeper breakdown.
  - XLR cables are plugged into outer wall pocket, and run into the mixers combo jacks.
  - Mixer is plugged into computer via USB-C and is turnt on (on/off switch in the back).

You are now ready to move into **Recording A Session**! Use that page to push forward.

Works Cited

In, Sign. *XLR vs. DMX | What Is the Difference?* 4 June 2019, showmecables.com/blog/post/how-can-you-tell-the-difference-between-xlr-and-dmx.

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