

# Setting up the Iso Booth

Any words in *this format* are defined in the dictionary.

## 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.

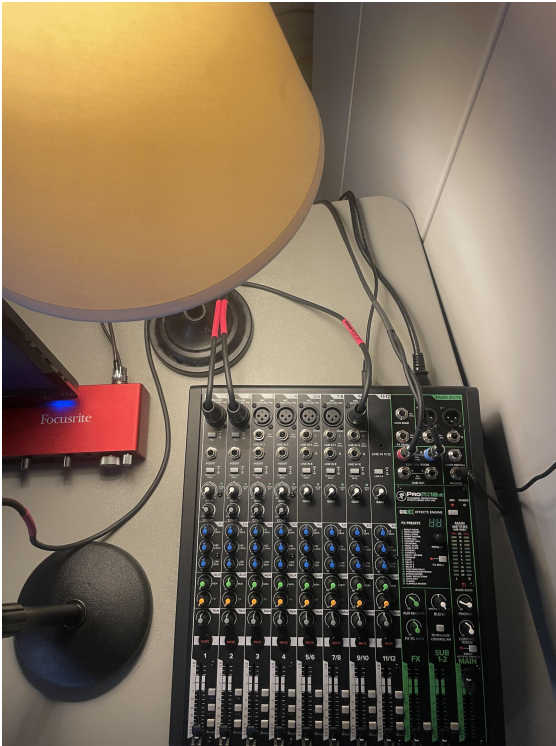
*"What is the purpose of plugging into this wall?"*

- 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 turned 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](https://showmecables.com/blog/post/how-can-you-tell-the-difference-between-xlr-and-dmx).  
engineer.ahsin. "Behringer HA400 Microamp User Guide - Manuals+." *Manuals+*, 3 Dec. 2021, [manuals.plus/behringer/ha400-microamp-manual#axzz7hbfcEqdt](https://manuals.plus/behringer/ha400-microamp-manual#axzz7hbfcEqdt).

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