This set of tools was previously the main recording equipment in the Sound Studio. It is now on the cart next to the Studio door.

Want to use the Sound Studio? Reach out to library@olin.edu or find the Sound Studio’s Slack channel to get trained!

**ZOOM Equipment**

The Sound Studio

**Key Components**

- **Microphone** - There are two SHURE SM7B cardioid mics which are good for general use.
- **Headphones** - There are two Sennheiser HD 280 pros, some with 1/8”-1/4” plug adaptors.
- **Headphone Amplifier** - The HeadAmp 4 controls volume for each pair of headphones.
- **Microphone Amplifier** - The Cloudlifter cleans up the mic input to send to the ZOOM F8.
- **Multi Track Field Recorder** - The ZOOM F8 is the central computer that records and outputs all of your audio.
- **F-Control** - The ZOOM FRC-8 provides easy, tactile access to the F8 settings and menu.

**SUPPORT NETWORK**

- Library staff: library@olin.edu
- David, the Sound Studio staff: dfreeman@olin.edu
- Go to tools.olin.edu/doclab for supporting documents and links

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**Training Flow**

Orientation In Person Session 60 minutes

Craft your test piece... get checked-off

Enjoy open use of the Sound Space and its equipment

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**SETUP**

- Connect both mics to Cloudlifter, plug equip into power
- Turn on ZOOM F8 and F-Control
- Make sure both SD cards are loaded into F8
- Connect F-Control by navigating through F8 menu (USB -> FRC8)
- Adjust mic levels to peak between -18 and -12 db
- Turn on the **On Air** light and start recording!

**CLEAN-UP**

- Transfer and clear your recordings from both SD cards
- Reset F8 settings to default
- Turn off equipment and clean up recording area
- Reconnect microphones and headphones to RODECast-er Pro
- Turn off lights as you leave

last edited 04/08/19
Basic Tool Operations

TRIM vs FADE

Trim (a.k.a. gain) adjusts the level of input into the F8.

Fade adjusts what the F8 outputs as an audio file (depending on SD settings).

WHY CAN’T I HEAR ANYTHING?

First, make sure that the microphones are actually picking up your speech (check the level indicators).

HeadAmp volume turned approx. ½

Headphones volume turned approx. ¾

Next, check to make sure that your headphones are connected properly. There is a 1/4” cable going from the F8 headphone jack to the HeadAmp’s Stereo In jack. From there, each pair of headphones should be plugged into its corresponding Stereo Out jack.

Last, re-adjust F8 headphones volume to be turned approximately 3/4 of the way to full volume.

SCHEDULING TIME IN THE SOUND STUDIO

Though it is not required that you proactively book time in the Sound Studio, scheduling a session will guarantee that you have access to the space when you need it.

To schedule a time, visit tinyurl.com/SoundStudio19 and find the date that you wish to use the Studio. Enter your name and the time that you’re booking anywhere within that day’s box.

COMPLIMENTARY EQUIPMENT

Outside of the Sound Studio space, the library has a wonderful collection of audio-recording devices! If you want to get trained to use any of these tools, or want more information, contact the library at library@olin.edu.

Images via bhphotovideo.com

Sennheiser wireless lav set
ZOOM H5 recorder
NEAT Widget A USB mic

COMMON QUESTIONS

Q. How do I get trained?
A. Set up a time by emailing the library or the Sound Studio staff. Walk-in trainings are available, as long as you leave time complete the Before In Person Orientation portion of the Worksheet before-hand

Q. Do I have to be trained to use the Sound Studio?
A. You must be trained to use the Sound Studio independently. Without going through the full Orientation In Person Session (introductory training), you are limited to using the Sound Space under staff supervision.

CONSULTATIONS

Have an idea for a project but aren’t sure how to make it happen? Reach out to us at dfreeman@olin.edu or library@olin.edu so that we can help you out!

David holds NINJA hours on Mondays from 1-4 pm and Wednesdays from 10 am - 1 pm. Feel free to interrupt him wherever he is during these times to ask for his official NINJA input.