

Chapter 4. Meeting 4, Workshop: Amplitudes and Recording Hardware

4.1. Announcements

- Due tomorrow, Wednesday, 22 February: Mix Graph 2

4.2. Groups

-
- Student names removed for privacy.
-
-

4.3. Quiz

- 15 minutes

4.4. Using an SPL Meter

- Ranges
- Fast and Slow response
- A and C weighting

4.5. Activity: Amplitudes and Distance

- Procedure
 - Articulate two different sounds at a distance of 4 feet from the SPL meter; record the peak results with A weighting.
 - Repeat the measurements at 8, 16, and 32 feet

- Repeat the procedure in two different spaces: one reverberant (hallways, large rooms) and one dry (outdoors).
- The two sounds sources can be the shaker and a hand-clap
- Chart results on board in class

4.6. Activity: Recording Hardware: Cables and Stands

- XLR cables
 - Connectors and gender: male is output, female is input
 - MOSS lengths
 - Wrapping and storing
- Mic stands
 - Two sizes
 - Handling, tightening, and positioning
 - Using the boom

4.7. Activity Schedule

- 3:50 to 2:15
 A, B: Amplitude and Distance
 C + D: Recording hardware: microphone stands and cables
- 2:15 to 2:40
 A + B: Recording hardware: microphone stands and cables
 C, D: Amplitude and Distance

MIT OpenCourseWare
<http://ocw.mit.edu>

21M.380 Music and Technology: Recording Techniques and Audio Production
Spring 2012

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.