

MP208: Digital Recording Techniques

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Assignment 1: Video with Ambisonic Recording

This is an individual assignment

Download the concert recording files from:

<https://www.dropbox.com/sh/vhdhgmbmf8xxx4e/AAAJx1mHXd3AIHPsIfLvYpEma?dl=0>

You should have an Ambisonic audio file (4 channels) and a video file.

Create a new Reaper session. Save it as "Yourname-Project1" Check the option to "Move all media into project directory" Project settings should be 48kHz 24-bit PCM .wav files.

Import the video and files into Reaper (drag and drop) and align both at the session start. Find a transient in the audio that you can identify to sync the audio file with the video file. Trim and move the audio file until it syncs up with the video.

Use the Rode Soundfield plug-in to create a compelling stereo mix from the AmbiX wav file. You can use automation of the various controls to optimise the mix, duplicate the track to create virtual spot mic's - feel free to get creative with it.

Render a 48kHz 24-bit stereo PCM file called "YourName-Project1". It should be the full length of the project and should sync with the video if pulled back onto the timeline starting at "0:00"

Hand in both the .RPP file and the rendered stereo .wav file

Things you will be graded on:

- Proper sync between audio and video
- Use and settings of the Soundfield Plug-In
 - Did you use the correct input & output settings?
 - Did you vary the elevation, rotation, width, and polar controls?
- Quality of audio, including:
 - stereo spread
 - stereo imaging
 - musical balance
- accuracy in following the above instructions.