

## Noise Gate Project

This simple exercise will give you a change to work with a Noise Gate. (Note: the Noise Gate in GarageBand does not give you the control you would find in Noise Gates included in more full-featured DAWs.

### Instructions

1. Download the NoiseGateEx.mp3.zip file and uncompress it
2. Open the DAW of your choice
3. Create a New Project and add one audio track to it
4. Place the NoiseGateEx.mp3 file on the created track
5. Navigate to the Plugin stack for that track and add the Noise Gate effect
6. In the Noise Gate window find where you would lower/raise the Threshold.
7. Keep lowering the Threshold until the noise heard at the beginning of the file disappears. (Suggestion: set your DAW to loop or cycle the beginning of the track where you only hear the noise as you adjust the Threshold).
8. **Note:** if the Threshold is set too high parts of the vocal will open the gate and the voice will be silenced. Listen closely to the vocals to make sure they don't sound "choppy".
9. *Extra:* if your DAW's Noise Gate includes controls for Attack, Release and Hold, try adjusting those too to see how they affect the gate.
10. Once completed, bounce the project to disk as an MP3 file at 160kbps quality.
11. Email the MP3 file to the assignment address – [jmcwptech@gmail.com](mailto:jmcwptech@gmail.com).