

Name \_\_\_\_\_

## RA2 Mix- Step #5 = Reverb/Delay

Circle one: Mix 2: Back/Blue Mix 4: Above Due by \_\_\_\_\_

Need help, review? Watch video in **COS Videos for Class** folder > "**RR How To Mix 05 – Reverb & Delay**"

**The whole goal of this step is to enhance, not muddy up or distract from CORE instruments.**

**Reverb Steps** (Try the settings from the video)

1. Using your **Aux Cheat Sheet** (copy below) = **create a stereo Reverb Aux, Named "REVERB"**, click the **4<sup>th</sup> insert space, add a reverb plugin** (insert > **Multi-Mono** plugin > Reverb > "D-Verb").
2. Solo a track (like lead vox)
3. Adjust the **Reverb SEND Fader** to make sure you can hear the reverb effect.
4. "**Room 2**" and "**Medium**" and leave at "**100% Wet**" (I normally use decay times of no more than 1.2 seconds)
5. Bring down the **Reverb SEND Fader** so the direct sound is still the most prominent.
6. **Option + drag** copies to other tracks. Adjust the send fader as necessary
7. **MIX SECRET** = To make sure you're not "clouding up" or adding "mud" back into your mix, consider adding an EQ after/below the reverb/delay plugin and put "IN" a "HPF" (high pass filter)

**Delay Steps** (for now, use only on melodic-type instruments)

1. Using your **Aux Cheat Sheet** (copy below) = **create a stereo Delay Aux, Named "DELAY"** and click the **5<sup>th</sup> insert space, add a delay plugin** (insert > **Multichannel** plugin > Delay > "Mod Delay III").
2. **Solo** a track (like lead vox)
3. Adjust the **Delay SEND Fader** to make sure you can hear the delay effect.
4. Click "**Link**" to link the Left and Right channel
5. To follow the session tempo, make sure to click the "**sync**" button.
6. If session tempo is not set to the song, either:
7. If you know tempo = Double Click RED diamond on Tempo track and type in correct tempo. OR
8. If you don't know the tempo = Make sure you can see the "MIDI controls", unclick the conductor, click/highlight tempo and "Tap for tempo", then enter. Don't re-click the conductor.
9. Choose a quarter note to emphasize the tempo.
10. Using "LPF" (Low Pass Filter), Roll off some top end = between 2-3 kHz (2,000 – 3,000 Hz)
11. Add "repeats/echo" by bringing up the "FBK" (feedback knob). No more than 50%.
12. **Un-solo**, to hear it in the mix.
13. Bring down the Send Fader to where it's not too obvious or distracting
14. **Option + drag** copies to other tracks. Adjust the send fader as necessary

### **AUX USE #3: Reverb, Delay, or Effect Send (Reverb Example)**

1. **Create Track** = On Menu "Track" | "New" (**OR** "Command ⌘" + "Shift" + "N") | "Stereo" – "Aux track"
2. **Rename the track** = double click on the track name- type "REVERB"
3. **Assign to a Bus** = Select "Input" - "Bus" - choose/click any available bus
4. **Rename the bus** = Right Click the **bus name** on the I/O - "Rename" - type "REVERB"
5. **Assign the Aux output (I/O) to "MIX BUS"**
  - A. **OR Shortcut** = Create Effect Aux/Bus **and** route track to it **at the same time**.
    1. Click on a "Send" you want the Effect Aux to go next to. Choose "New Track" | Name it (i.e. "REVERB")
6. **"Solo safe" the REVERB bus ONLY** so reverb will always be available for any soloed track.
  - A. "Command ⌘" + Click "S" (solo)
7. **Insert a reverb** = On the new REVERB Aux Channel/Bus, click the 3<sup>rd</sup> insert box= "Insert"- "Multi channel Plug in" | "D-Verb (stereo)"
8. **Assign tracks to go to Reverb** = Go to any channel you want to add reverb to- Click the first send row | "Bus" | "REVERB"
  1. It will bring up a fader – that is the amount of that channel that is going to reverb.
  2. Start at "U" or "0"

\*\*\*Tip = Don't forget you can "Option" + "Drag" the same Send to other tracks/channels