

****Automating Filters in Reaper Reference Guide****

Automation in Reaper allows you to make dynamic changes to various parameters, including those in filters like ReaEQ. Here's a concise cheat sheet for automating filters in Reaper:

1. **Loading a Filter:**

- Click on the `FX` button on the track's control panel.
- Click "Add" > Find and add your desired filter (e.g., "ReaEQ").

2. **Enable Automation:**

- On the track control panel, click on the "Trim" knob.
- A menu will drop down with various automation modes like Read, Write, Latch, and Touch. For starting out, choose "Latch".

3. **Select Parameter to Automate:**

- Open the filter/FX window.
- Find the parameter you want to automate (e.g., Frequency in ReaEQ).
- Right-click on the parameter > "Parameter modulation/MIDI link" > Choose "Add [parameter name] to track envelope".

4. **Drawing Automation:**

- On the main track view, you'll now see a line representing the automation for that parameter.
- Hold the left mouse button and draw the desired automation curve.
- Use points (small squares on the line) to create curves or straight lines for precise control.

5. **Recording Automation:**

- Play your project.
- Adjust the parameter in real-time in the FX window.
- Reaper will automatically record your moves as automation data.

6. **Editing Automation:**

- Click and drag points to adjust.
- Right-click on a point for more options, like creating fast curves or deleting points.

7. **Bypassing Automation:**

- To the left of the envelope/automation lane, there's a checkbox. Uncheck it to bypass the automation temporarily.

8. **Deleting Automation:**

- Right-click on the envelope/automation lane.
- Choose "Clear envelope".

9. ****Switching Automation Modes****:

- Read: Just plays back any written automation.
- Write: Writes automation as the project plays and you adjust parameters.
- Latch: Begins writing automation when you adjust a parameter and continues until you stop playback.
- Touch: Writes automation only when you're adjusting a parameter.

Remember: Automation can be as simple or intricate as you want it to be. It's a powerful tool to bring dynamic changes, evoking emotions or ensuring certain parts of your mix stand out at specific moments. Always save your project before making extensive automation edits, so you can revert if needed.

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