

How to Install Chord Diviner

Installing Chord Diviner is easy!

Simply copy and paste the 'Chord Diviner.pyscript' file you downloaded into your FL Studio piano roll script folder.

Huh? Where is that?

On most computers, it's inside your \Documents folder.

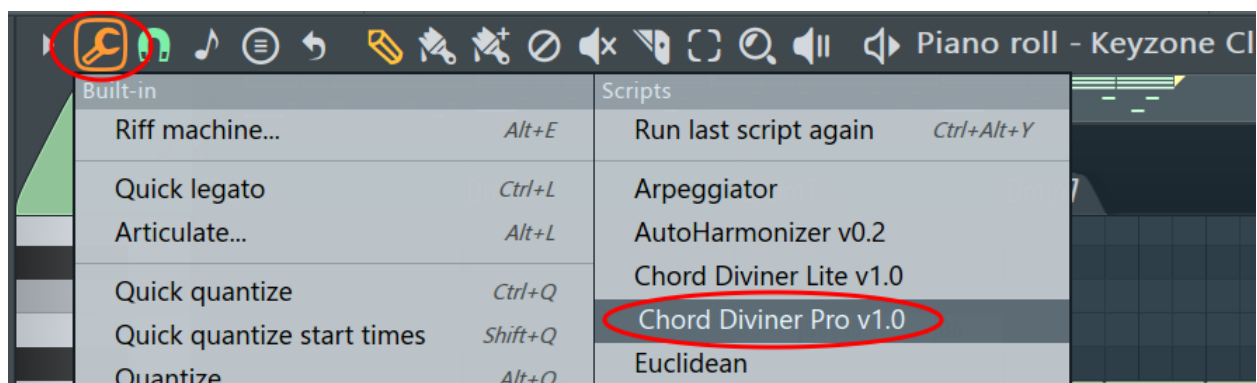
Most likely, you'll find it at:

\Documents\Image-Line\FL Studio\Settings\Piano roll scripts

That's it!

Note: Chord Diviner only works with FL Studio version 21.1 or above. Because if your FL Studio is older, your Piano roll scripts folder won't exist.

Opening & Using Chord Diviner



To use Chord Diviner, simply open FL Studio's piano roll, click on the wrench icon on the upper left, and then select Chord Diviner, as shown above.

Chord Diviner User Manual

Welcome to "Chord Diviner," a piano roll script designed for FL Studio users! This manual introduces you to the features of Chord Diviner, a tool engineered to enhance your music production workflow with sophisticated chord progression capabilities.

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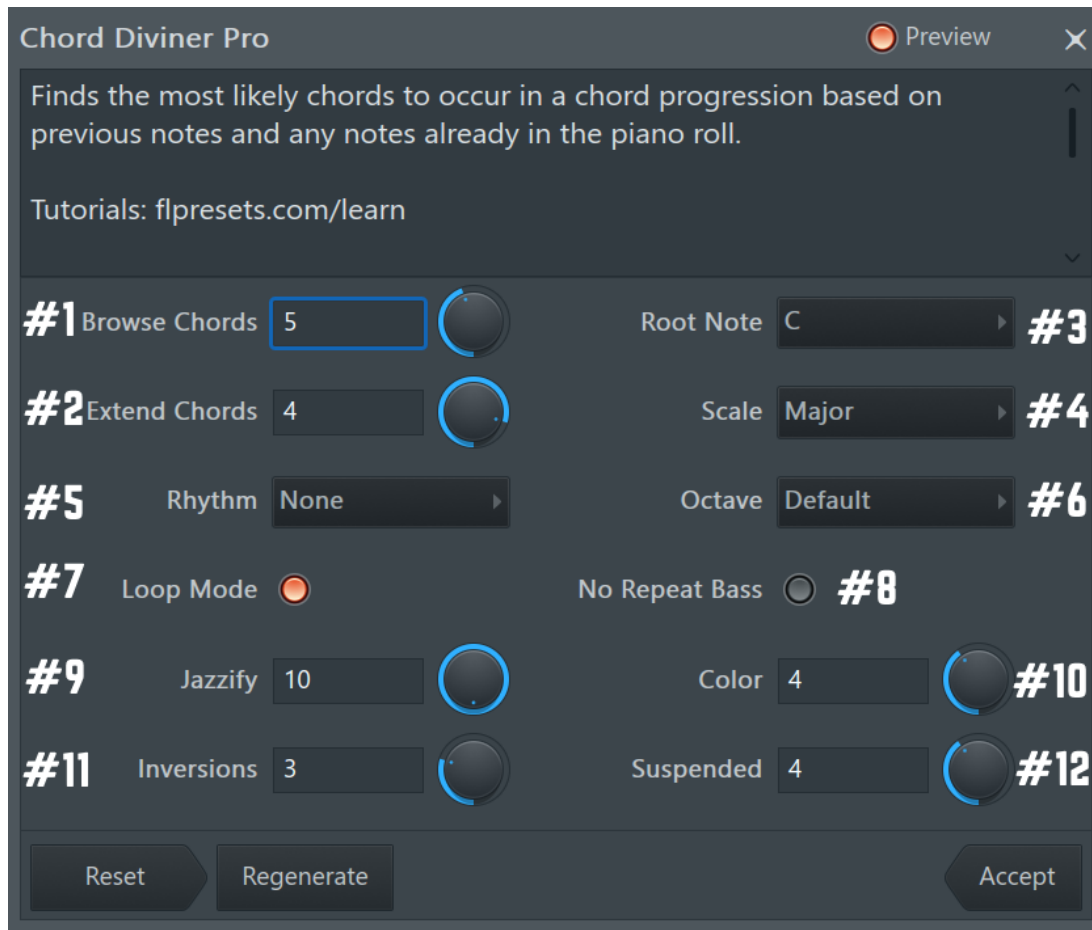
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Features Overview



#1: Browse Chords

Chord Diviner revolutionizes the way you interact with chord progressions. With the Browse Chords feature, you can explore a variety of chord sequences that align with your established bassline. Presenting options ranked from the most conventional (Option 1) to the creatively daring (Option 10), this feature gives you a broad sonic palette to find the perfect progression for your track.

#2: Extend Chords

With Extend Chords, Chord Diviner goes beyond simple harmonization, granting you the power to extend chord progressions into new territories. This feature

allows you to craft extended harmonies without the need for an existing bassline, offering boundless creative possibilities.

#3 - #4: Root Note and Scale Selection

The selection of the root note and scale is crucial in directing Chord Diviner's algorithm. By correctly specifying these musical foundation stones, you ensure that the suggested chord progressions are not only accurate but also musically relevant to your piece.

#5: Rhythm

Chord Diviner is not just about chord suggestions—it's about bringing those chords to life. The Rhythm feature reads the chords you've pieced together and generates a rhythmic pattern, delivering an arpeggiated sequence that you can mold and shape to fit the groove of your track.

#6: Octave

The Octave control is a straightforward yet potent feature that transposes the suggested chords across different octaves, allowing you to find the perfect range for your musical ideas.

#7. Loop Chords

The Loop Chords switch in Chord Diviner is an essential function for producers aiming to create seamless chord progressions that are perfect for looping. When activated, this feature instructs Chord Diviner to optimize the end of your chord sequence so that it naturally transitions back to the beginning. This creates a cyclical progression that can repeat indefinitely without musical interruption, ideal for various music production scenarios, such as electronic dance music and background scores where looped progressions are pivotal.

Usage:

- Activation: Enable the Loop Chords switch after selecting your chord progression to ensure the loop optimization takes effect.
- Best Practices: Utilize this feature when you intend to create a simple, looping progression. It is perfect for sections of music where the harmony needs to repeat fluidly, such as during intros, breakdowns, and other repetitive sections.
- Disabling Loop Chords: For more complex arrangements, especially when dealing with extended harmonies or single bass note harmonization, it is recommended to turn off the Loop Chords function. This allows for an open-ended progression that does not restrict the final chord to loop back to the first.

#8. No Repeat Bass

The No Repeat Bass switch reduces the chance that the same bass note is used consecutively in multiple chords. This feature is beneficial for adding dynamism and preventing monotony in your chord progressions. Though take note- sometimes identical bass notes may still occur if it cannot be easily avoided.

#9 - #12: Control Knobs: Tweak the Algorithm

The heart of Chord Diviner lies in its algorithm—a sophisticated system that predicts and suggests chord progressions. With the following four knobs, you can steer this algorithm to explore conventional harmonies or venture into uncharted musical waters:

Jazzify

Turn the Jazzify knob to sprinkle your progression with the complex flavors of jazz. Medium settings increase the occurrence of seventh chords, while higher values bring in ninth chords and added ninths, adding layers of sophistication to your harmonies.

Color

The Color knob adjusts the Chord Diviner's openness to harmonic variety, including borrowed chords and notes that step outside the traditional confines of your selected scale, inviting a spectrum of emotional tones to your music.

Inversions

Inversions play a pivotal role in the texture and flow of a progression. With this knob, you can increase the likelihood of inverted chords appearing in your progression, adding a subtle depth or dramatic change to the pace of harmonic movement.

Suspended

The Suspended knob is your gateway to airy, unresolved, and suspenseful harmonies. Elevating the presence of suspended chords, it opens up a realm of tension and release that can be the cornerstone of dynamic composition.

Changing Rhythm of Chords

Chord Diviner provides a unique approach to interpreting and establishing the rhythm of your chord progressions. Understanding how Chord Diviner works with rhythm is key to fully utilizing its capabilities. Below is an explanation of how it operates and ways you can interact with it to shape your musical creations.

How Diviner Detects Rhythm

Chord Diviner employs an algorithm to detect the rhythm of your progression through three primary methods:

1. **Markers in the Piano Roll:** The script reads any markers present in the piano roll, which are typically located at the top. The spaces between these markers determine "sections" of your composition. Each section is then

automatically filled with a chord, assuming these are intentional gaps for harmonic changes.

2. **Clusters of Overlapping Notes:** In the absence of markers, Chord Diviner searches for single bass notes or clusters of overlapping notes. These are interpreted as individual sections for which the script will generate chords.
3. **Spaces between Overlapping Notes:** Similar to how clusters work, spaces between notes are also recognized as individual sections. This allows Chord Diviner to comprehend pauses and sustained notes as intentional rhythmic choices that influence the subsequent chord placement.

Customizing Rhythm Detection

Adjusting the detected rhythm is a straightforward process within Chord Diviner, and can be done by interacting with the markers in the piano roll:

Adjust Existing Markers:

By right-clicking in the dark grey area (bar count lane) at the top of the piano roll, you can move existing markers to redefine the start and end points of sections.

Add or Delete Markers:

To add new rhythm markers, you can access the piano roll's dropdown menu, navigate to "Time markers," and select "Add one" to place a new marker at the desired location. Deleting a marker is as simple as right-clicking it and selecting 'delete' from the context menu.

Practical Tips

- When you introduce a new chord progression, consider setting markers first to guide Chord Diviner.
- Use the markers to create rhythmic variations by placing them at irregular intervals and listen to how Chord Diviner fills the spaces with chords.

- Deleting all markers will allow Chord Diviner to analyze the note patterns and auto-generate a new rhythmic structure based on note clusters and spaces, which could inspire new progression ideas.