Kiwa Digital Ltd.

Reaper DAW | User Guide

This guide provides information to help you get started and understand VoiceQ integration with REAPER DAW software.

INTRODUCTION

Overview

Connecting VoiceQ Pro to Reaper via a ReWire connection allows seamless integration between the two software applications. By establishing this connection, VoiceQ Pro can function as a ReWire client within Reaper, enabling synchronized playback and editing of audio scripts alongside the audio project in Reaper. This integration streamlines the workflow for voiceover recording and editing, as users can control playback, navigation, and script synchronization directly within VoiceQ Pro while taking advantage of Reaper's powerful audio editing and mixing capabilities. The ReWire connection ensures tight synchronization between the two applications, enhancing productivity and facilitating a smooth collaborative process for voiceover production in Reaper with the assistance of VoiceQ Pro.

About Reaper

Reaper, also known as Cockos Reaper, is a powerful and versatile digital audio workstation (DAW) software for recording, editing, mixing, and producing audio. Developed by Cockos Incorporated, Reaper has gained a dedicated following due to its extensive features, customizable interface, and affordable pricing.

One of the standout features of Reaper is its cross-platform compatibility, as it is available for both Windows and macOS operating systems. This makes it popular among musicians, producers, sound engineers, and audio enthusiasts.

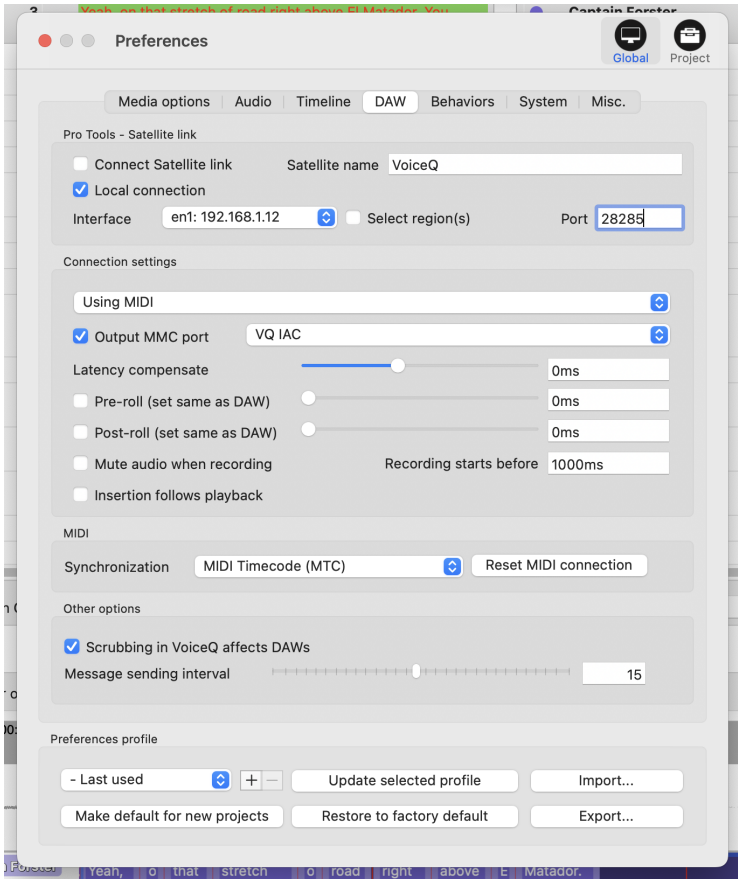
Reaper offers a user-friendly interface that can be customized according to individual preferences, allowing users to arrange and organize their workspace to suit their workflow. The software supports various audio formats, including WAV, AIFF, MP3, FLAC, and many more, ensuring compatibility with various audio files.

The best way to understand what REAPER can do is to try it yourself. There is only one version of REAPER, used by home hobbyists and high-end professional studios. Evaluate the full version of REAPER with no obligation for up to 60 days.

The free User Guide and helpful user forum are always available if you need a hand.

DAW Preferences (VoiceQ)

The preferences have been slightly altered to allow easier user access to options for MIDI.



Connect Satellite link – Allows users to activate the AVID Satellite link between VoiceQ Pro and AVID Pro Tools.

Satellite name – Allows users to select the name of the AVID Satellite protocol.

Local connection – Allows users to choose to have AVID Satellite running on a local device. Deselect this checkbox if you wish to connect to another device on macOS or Windows.

Interface – This is where users can find their router connection to connect to other devices. *Note: If using the local connection, the network chosen will match your current network connection.*

Select regions(s) – Allows users to select a region in Pro Tools. The option is great for selecting loop recording. If deselected, the selection will choose the start position only.

Option selection (MIDI/Rewire) – Allows users to select either MIDI or ReWire connections. Note: ReWire will not be visible if not active or installed.

Output MMC port checkbox – Outputs MIDI/ReWire data and ignores any chase data sent from Reaper. This option is used if Reaper engineers need to make changes on the fly and not affect VoiceQ playback.

MIDI device selection – This dropdown lists all available external connections

Latency compensate – If playback is incorrect between VoiceQ and the set DAW. Users can adjust the latency using the slider.

Pre-roll – Users can now set pre-roll in Reaper and leave this option unchecked. This option is available if users wish to see pre-roll when not connected to a DAW.

Post-roll – Sets the time the DAW records after the line is completed

Mute audio when recording – Mutes VoiceQ audio

Recording Starts before – Sets the time the DAW records before the line begins.

Insertion follows playback - Playhead follows from DAW in VoiceQ

Synchronisation - The user can select either to output ‘MIDI Timecode (MTC)’ or ‘Song Position Pointer (SPP)’

Scrubbing - Scrubbing allows users to choose the send interval when scrubbing using MIDI.
Note: Higher values can cause degraded performance on specific devices.

CONNECTING REAPER LOCALLY TO VOICEQ VIA REWIRE

Overview

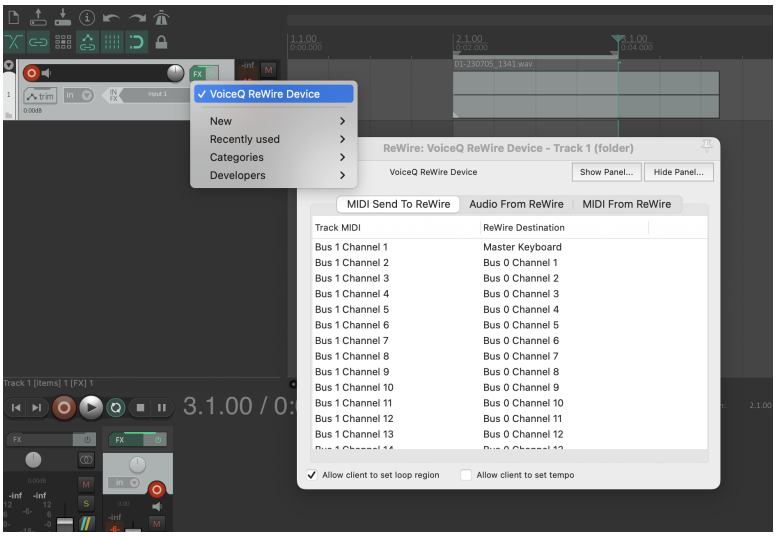
If you want to connect VoiceQ and Reaper audio software using ReWire, a helpful guide can walk you through the process step by step. This guide will explain how to launch Reaper and ensure Reaper and VoiceQ support ReWire. It will then guide you on how to set up the ReWire connection between the two software applications. This involves launching VoiceQ as a ReWire client within Reaper and configuring the audio routing. The guide will also cover any necessary settings adjustments or preferences to ensure smooth communication between VoiceQ and Reaper via ReWire. By following this guide, you will establish the ReWire connection, allowing seamless integration and synchronization between VoiceQ and Reaper for efficient audio production workflows.

Connecting the applications

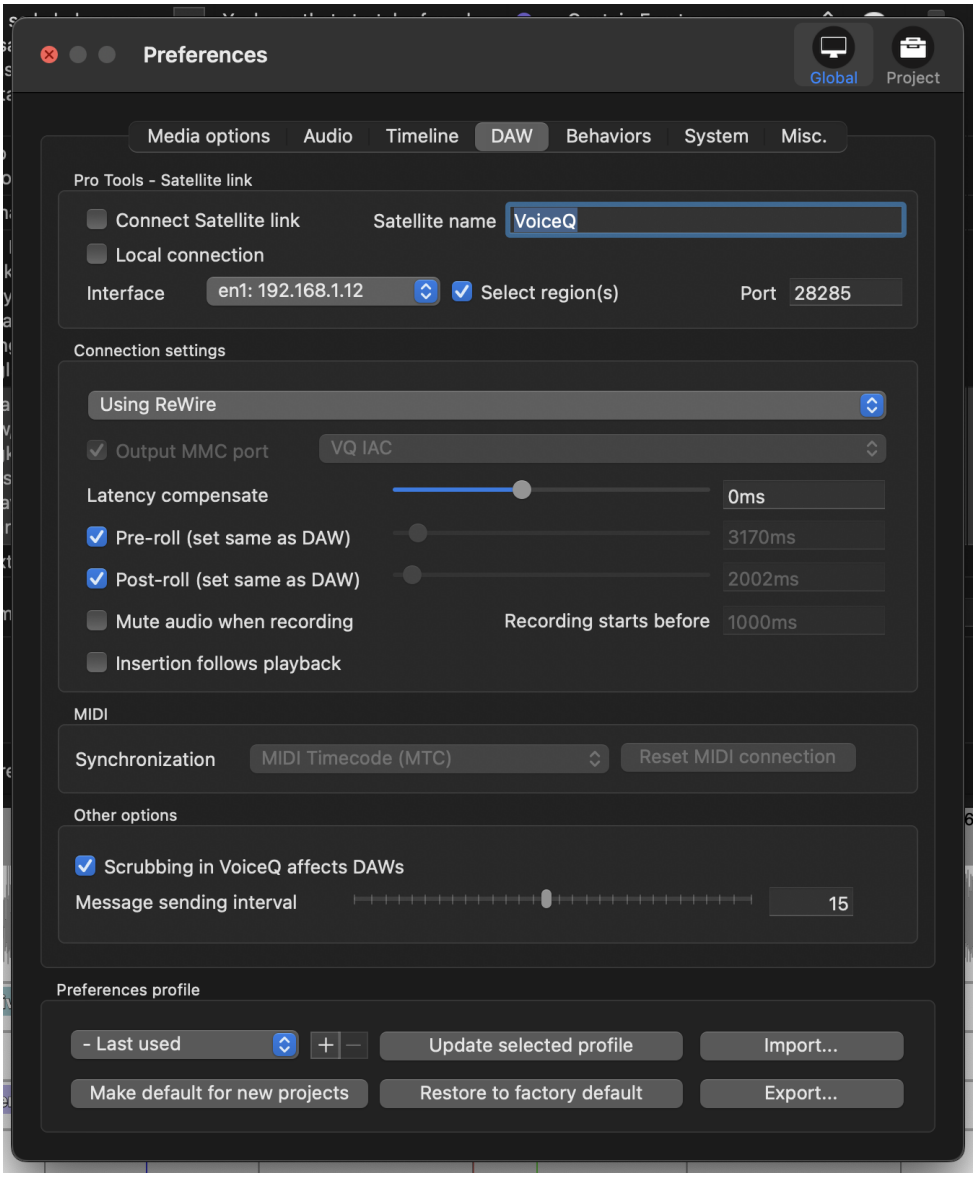
Ensure that VoiceQ Pro and Reaper are installed on the same computer and you have the necessary ReWire plug-in installed on your device - https://www.voiceq.com/support/rewire

To connect VoiceQ and Reaper audio software via ReWire, you can follow the steps outlined below:

1. Launch Reaper and create a new project
2. In the main window, add a new track and then select the FX icon
3. Under FX options, select "VoiceQ ReWire Device."



4. After setting up the ReWire connection in Reaper, launch VoiceQ and go to the preferences or settings menu.
5. Select "Global>DAW" and select "Using ReWire" in the connection settings menu.



6. Select the sync button in VoiceQ Pro to activate the connection.

Following these steps, you can connect VoiceQ and Reaper via MIDI, enabling you to control Reaper's functions and operations using MIDI controllers within the VoiceQ software.

FEATURES

Reaper provides a comprehensive set of functionalities for recording and playback, specifically tailored to meet the requirements of skilled audio engineers and musicians. When combined with VoiceQ's features and functions, users can establish a personalized recording workflow that optimizes the strengths of both applications.

Shortcuts

The following has been tested and working:

- Time selection
- Playback
- Loop playback
- Recording
- Loop recording
- Scrubbing

Please note: Selecting the record button from VoiceQ is not available.

Playback

Playback can be initiated from both VoiceQ and Reaper. The shortcut is the same in both applications assigned to the 'spacebar'.

Loop playback

Here is a step-by-step guide on how to loop playback with Reaper:

1. In VoiceQ, press' control + click the play button to activate loop mode.
2. Select the line(s) in the VoiceQ script view or select a region in Pro Tools.
3. In the Reaper transport menu, right-click on the play button and select Loop from the menu.

Recording

Here is a step-by-step guide on how to record in Pro Tools:

1. Select the line(s) in the VoiceQ script view or a region in Reaper.
2. Connect your audio source to an input on your audio interface or sound card. Ensure that your audio interface is connected correctly to your computer and recognized by Pro Tools.
3. Create a new track in Reaper by going to the Track menu and selecting "New".
4. Arm the track for recording by clicking the "Record" button on the track header. This will activate the track for recording and allow you to see the input level meter.
5. Set your recording levels by monitoring the input level meter. You should record high enough to capture the sound without clipping or distorting the signal.
6. Press the "Record" button to begin recording. You can also use the keyboard shortcut "Command+R" (Mac) or "Ctrl+R" (Windows) to start and stop recording.
7. Once you have finished recording, press the "Stop" button (spacebar) to stop recording. The recorded audio will be stored in the clip list of the track.
8. You can edit the recorded audio by selecting it in the clip list and using the editing tools in the Edit window. You can also use the "Trim", "Fade", "Normalize", and other editing options to refine the audio.

Loop recording

Here is a step-by-step guide on how to loop record with Pro Tools:

1. In VoiceQ, press ‘control + click’ or ‘right-click’ on the play button to activate loop mode.
2. Select the line(s) in the VoiceQ script view or select a region in Pro Tools.
3. Connect your audio source to an input on your audio interface or sound card. Ensure that your audio interface is connected correctly to your computer and recognized by Pro Tools.
4. Create a new track in Pro Tools by going to the Track menu and selecting "New".
5. Choose "Audio Track" from the list of options.
6. In the new track dialogue box, select the input that corresponds to the audio source you want to record from. You can adjust settings like the track name, input/output routing, and recording format.
7. Right-click on the recording button and select Loop from the menu.
8. Arm the track for recording by clicking the "Record" button on the track header. This will activate the track for recording and allow you to see the input level meter.
9. Set your recording levels by monitoring the input level meter. You should aim to record at a level that is high enough to capture the sound without clipping or distorting the signal.
10. Press the "Play" button to start playback and then the "Record" button to begin recording. You can also use the keyboard shortcut "Command+Spacebar" (Mac) or "Ctrl+Spacebar" (Windows) to start and stop recording.
11. Once you have finished recording, press the "Stop" button to stop recording. The recorded audio will be stored in the clip list of the track.
12. You can edit the recorded audio by selecting it in the clip list and using the editing tools in the Edit window. You can also use the "Trim", "Fade", "Normalize", and other editing options to refine the audio.