
Kiwa Digital Ltd.

VoiceQ Pro | Logic Pro

This guide provides information to help you get started and understand VoiceQ Pro and Logic Pro.

VoiceQ and Digital Audio Workstations

This guide provides detailed information on the configurations and procedures employed in VoiceQ and Digital Audio Workstations. Its purpose is to assist Audio Engineers in comprehending the operation and setup of both systems.

During the recording process, VoiceQ assumes the responsibility of playing back the movie file, replacing the role typically performed by Logic Pro. Although you can keep the movie file loaded in your Logic Pro session, it is advisable to disable the track to prevent any interference with the VoiceQ Application.

VoiceQ overlays the scrolling text onto the movie and outputs it through your Apple Mac video card's second DVI/HDMI port (or the external DVI port on laptops). By utilizing the Graphics Processing Unit (GPU) and the Memory on the video card, VoiceQ processes the video, thereby reducing the CPU load on your computer.

While you continue working in Logic Pro, VoiceQ will synchronize and follow along. Additionally, VoiceQ provides the option to cue Logic Pro when a line is selected, automatically positioning the Logic Pro session to the recording location for that specific line with an adjustable pre-roll value. However, it's important to note that VoiceQ does not exert control over Logic Pro in any other manner.

Using your regular workflow, the actual audio recording and playlist management still occur within Logic Pro.

Note: In a single computer configuration, VoiceQ is compatible with various other recording applications such as Pro Tools, Soundtrack, and others. Please refer to our website for the correct setup instructions and accompanying screenshots for these applications.

Note: In a dual computer configuration, the Digital Audio Workstation can be any device that supports the output of MIDI Time Code (MTC) and/or MIDI Machine Control.

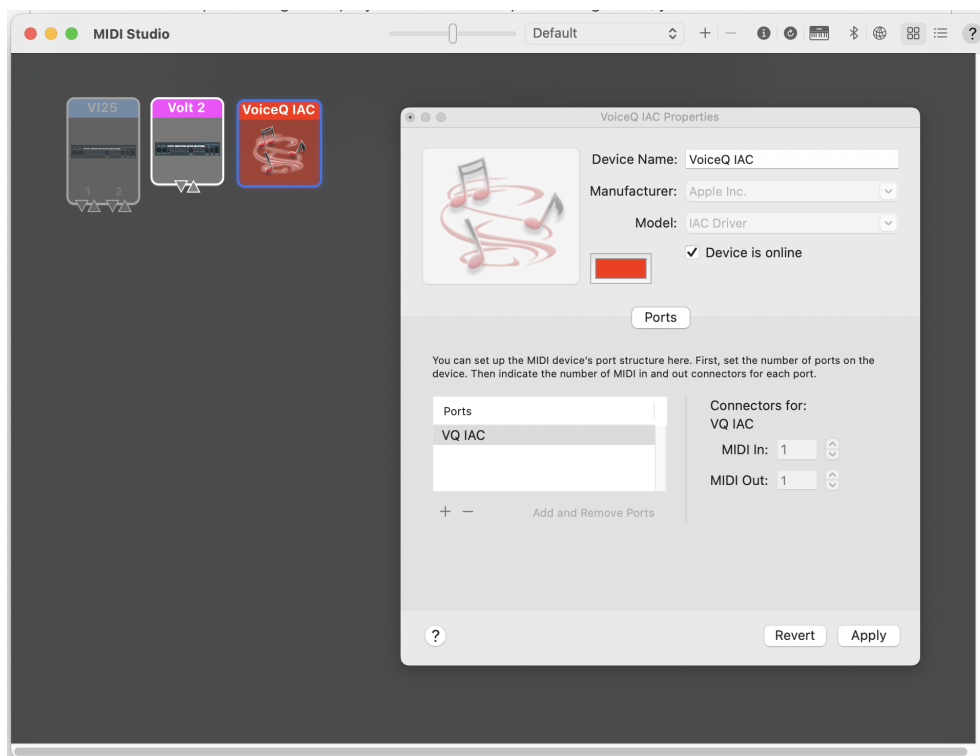
Note: If you encounter difficulties stopping playback from VoiceQ, we recommend utilizing the transport controls through Logic Pro.

Single Machine Setup (using IAC driver)

The Apple Inter Application Communication (IAC) Bus sends all MIDI information when VoiceQ and Logic Pro are on the same computer – we refer to this as a Single Computer Configuration.

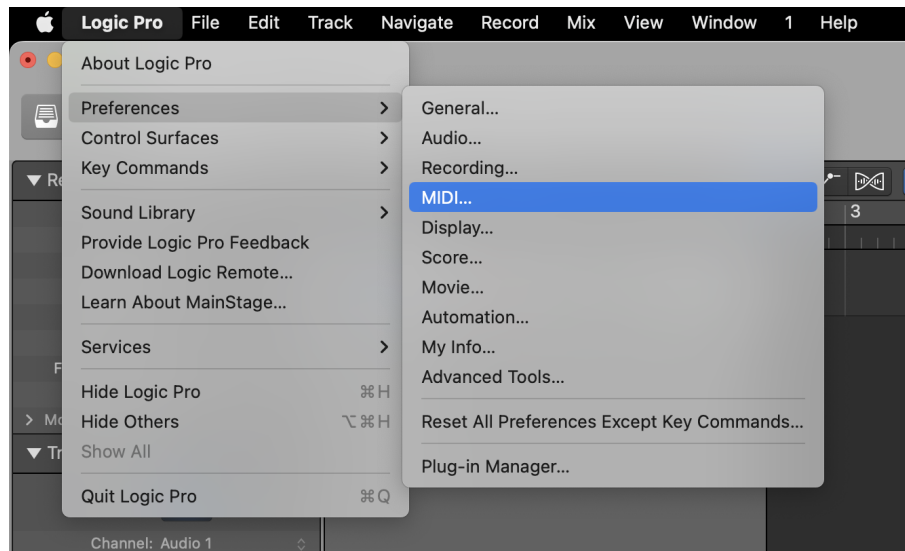
A MIDI interface or Network Session is used when the Digital Audio Workstation (DAW), in this case, Logic Pro, and VoiceQ, are on separate machines (dual computer configuration). If you use a Dual Computer Configuration, you do not need the IAC Bus and can skip directly to the next section.

1. Open MIDI Studio. It is located in Applications/Utilities/Audio MIDI Setup.app. Launch this app and select Window>Show MIDI Window (Command + 2) from the menu to open it.
2. Select IAC Driver. Double-click it to open the IAC Driver Properties window.
3. Add Ports by selecting the '+' button and giving the port a name. In this example, we named it 'VQ & PT'.
4. Click the 'Device is online' checkbox to enable this virtual MIDI device.

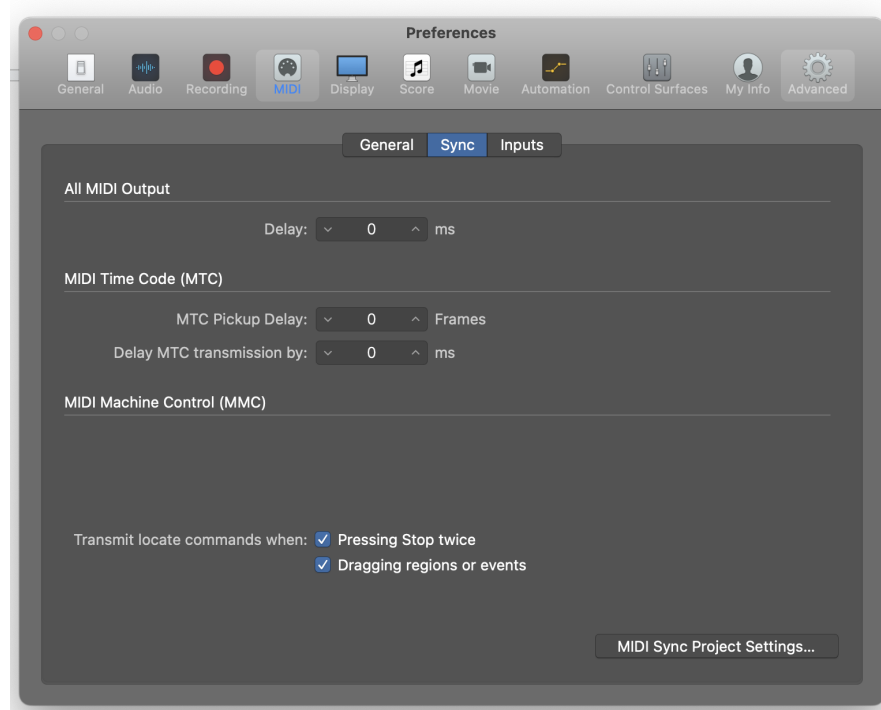


Setting up IAC MIDI in Logic Pro

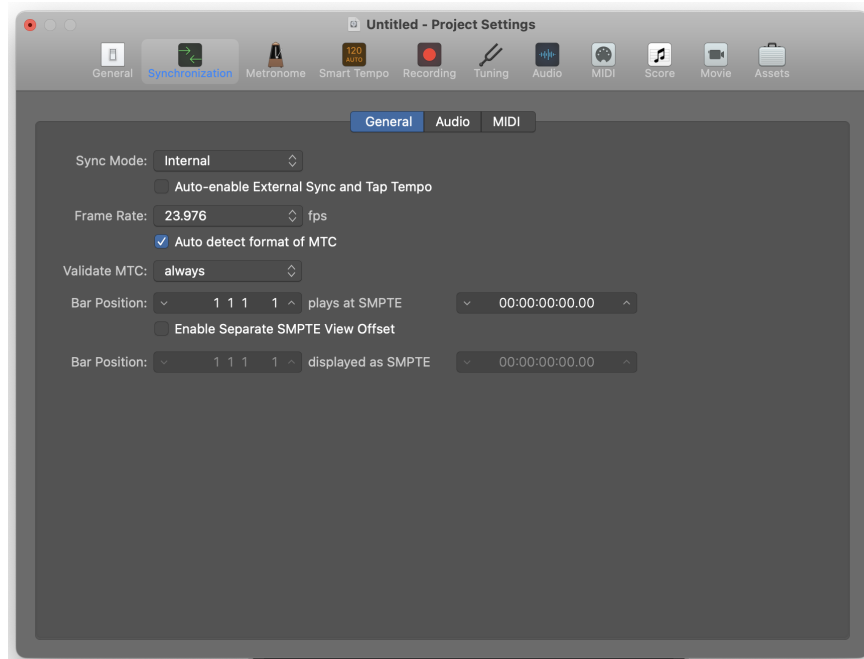
1. Launch the **Logic Pro application** and select Logic Pro>Preferences>MIDI from the menu.



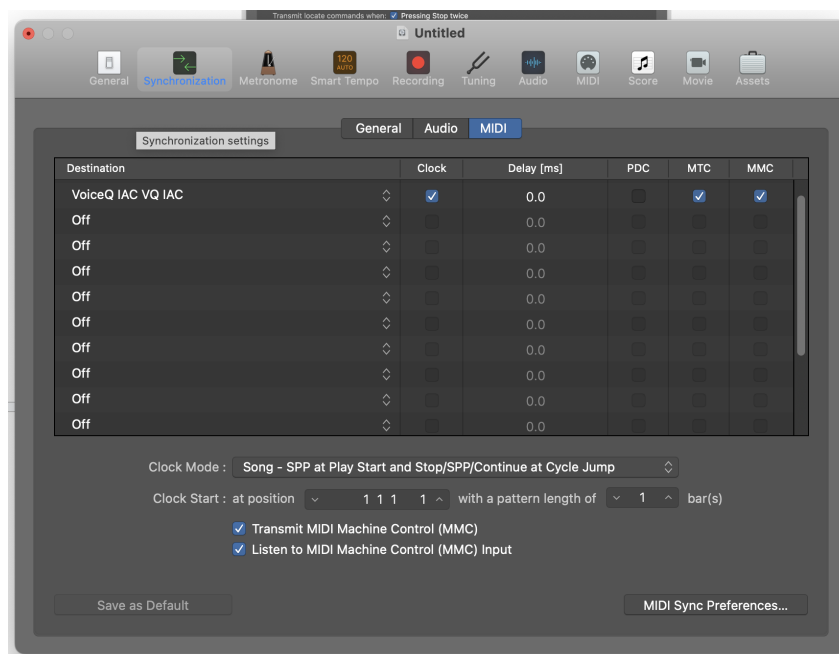
2. Select the Sync tab from the menu and ensure your settings match those in the image below. Once completed, close the window.



3. Select the 'MIDI Sync Project Settings...' and then choose the 'Internal' sync mode, choose the correct frame rate, and select the 'Auto detect format of MTC'.

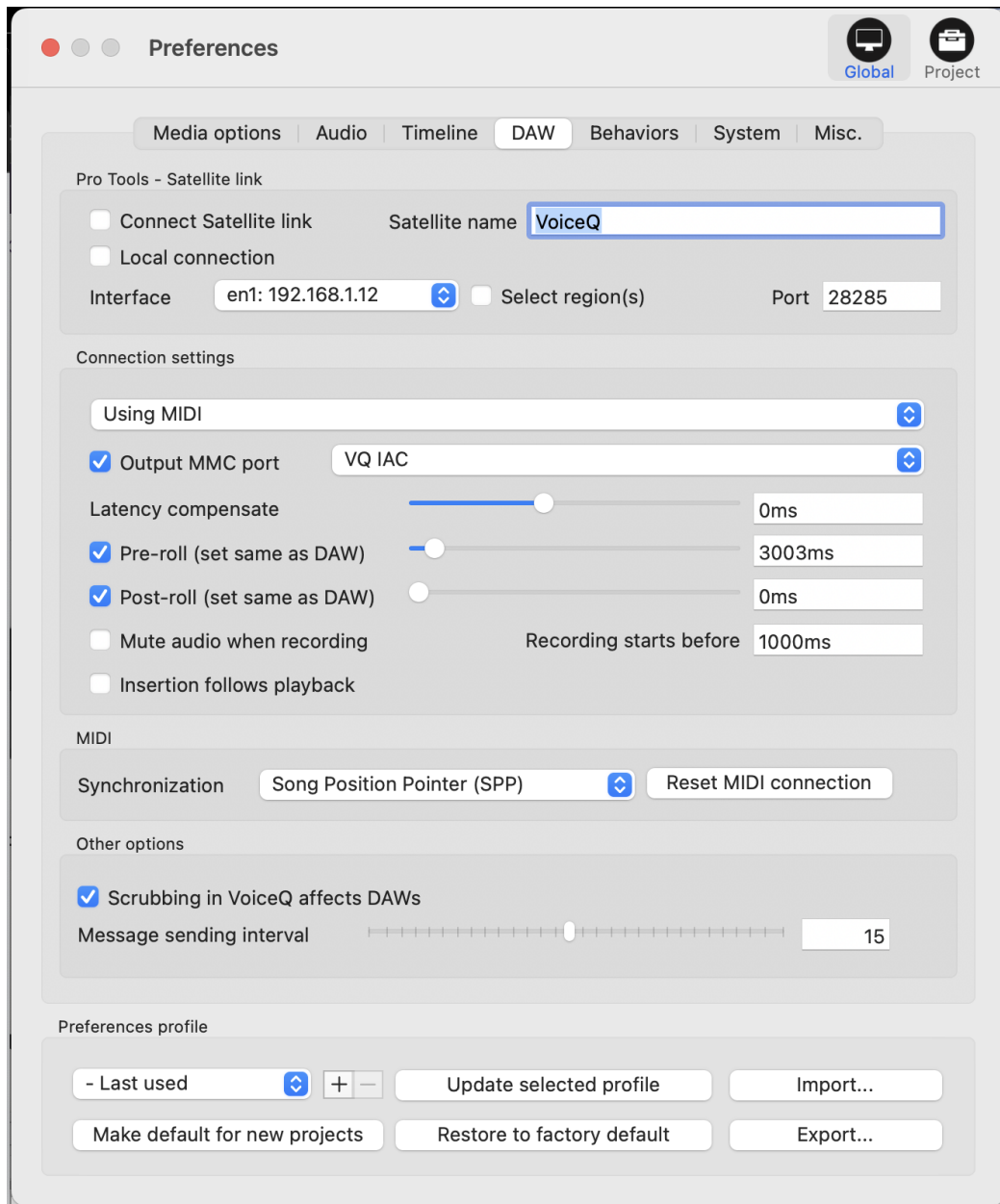


4. Select the MIDI tab and select the IAC MIDI port as the destination. Select the clock, MTC and MMC checkboxes. Then select the 'Transmit MIDI Machine Control (MMC)' and 'Listen to MIDI Machine Control (MMC) Input' checkboxes below. (See image for reference)

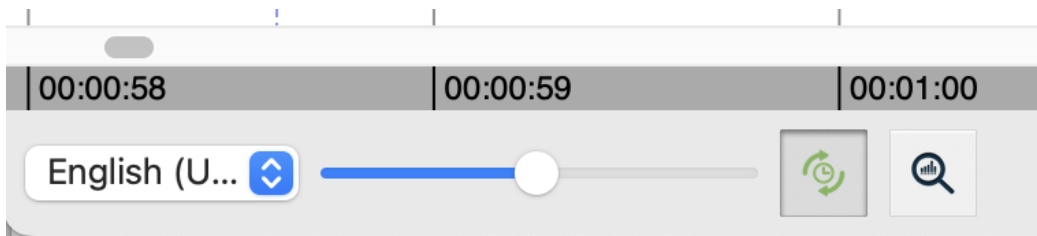


Setting up IAC MIDI in VoiceQ Pro

1. Launch VoiceQ and select 'VoiceQ>Preferences>Global>DAW...' from VoiceQ's main menu.
2. Enable Output MMC Port and select the IAC Driver by name. In this example, it is 'VoiceQ IAC/MTC'.
3. Then in the MIDI settings, select 'Song Position Pointer (SPP).'



- Next, select the 'Chase external timecode (Command+j)' to connect the applications in SYNC.



Running the applications in SYNC

The following options will work when synchronizing between VoiceQ Pro and Logic Pro.

- Playback
- Stop
- Record (from Logic only)
- Selection
- Scrubbing

-
- Select a new track in Logic and then activate recording mode.



- In VoiceQ Pro, select the line you wish to record and ensure the 'Chase external timecode' mode is online.
- In Logic Pro, initiate record - If a Pre-roll is set, it will follow what is set in Logic in the VoiceQ media window.

Dual Machine Setup using Network (RTC-MIDI)

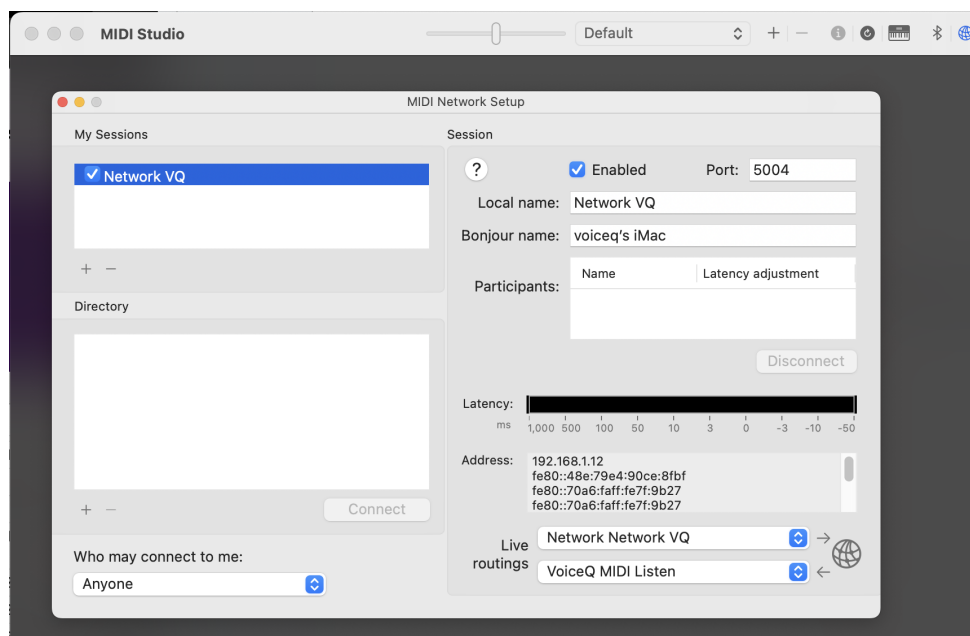
The Dual Computer Configuration is when Logic Pro and VoiceQ are on separate computers with MIDI information sent via the Local Area Network (LAN).

With a Dual Computer Configuration, we can use Apple's MIDI network feature to send MIDI via the Local Area Network. This setup does not require any additional MIDI hardware. First, configure your LAN (if required), so the two machines can communicate and 'see' each other on the local network.

Contact your Systems Administrator for assistance if required.

On the computer running Logic Pro

1. Open MIDI Studio. It is located in Applications/Utilities/Audio MIDI Setup.app. Launch this app and select Window>Show MIDI Window (Command+2) from the menu to open it.
2. Select Network. Double-click it to open the MIDI Network Setup window.
3. Add a session by selecting the '+' button under My Sessions. Enable the session by clicking the Enabled check box under Session and name it. We are using the default name 'Session 1' in this example.
4. Select 'Anyone' from the drop-down list under the 'Who may connect to me' section.
5. Select this Network Session from the first drop-down list under the 'Live routings' section.

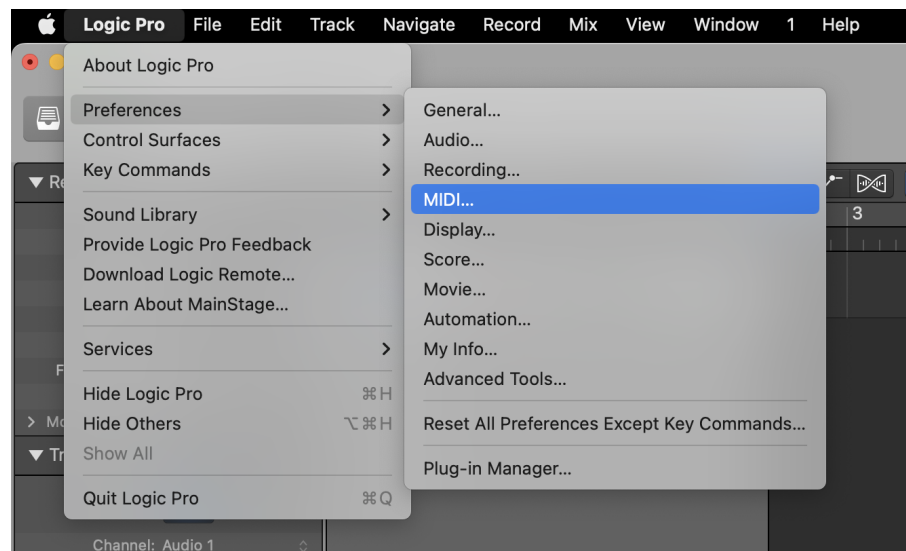


On the computer running VoiceQ

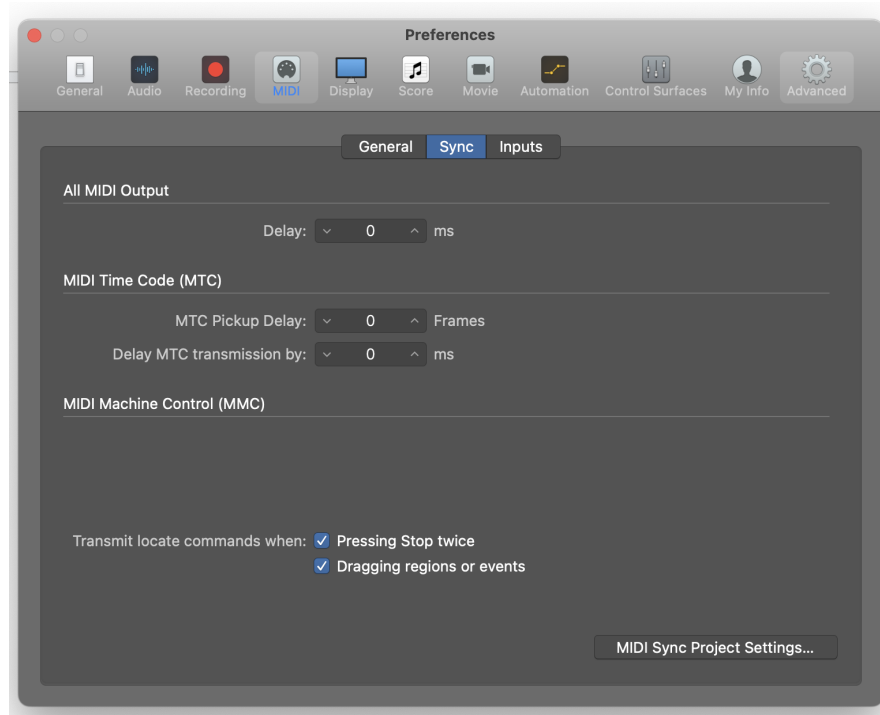
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2. Select Network. Double-click it to open the MIDI Network Setup window.
3. Add a session by selecting the '+' button under My Sessions. Enable the session by clicking the Enabled check box under Session. You must give the same name and port used in Step 3. Again, we use the default name 'Session 1' in this example.
4. Now, you can see the Mac that runs Logic Pro from the Directory list. In our example, its name is Yosemite iMac. Select the Mac running Logic Pro from the list. Connect to it by clicking the 'Connect' button.

On the computer running Logic Pro

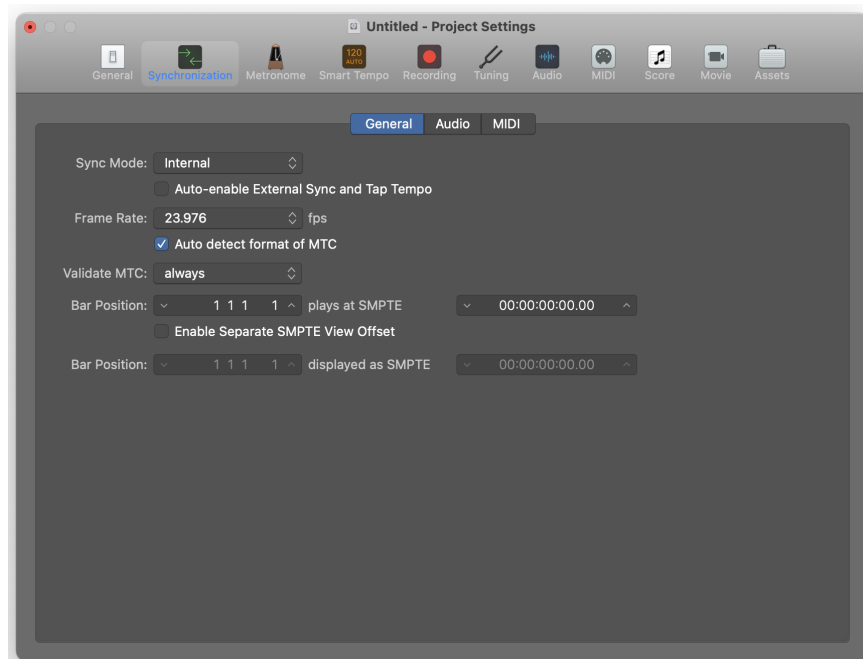
1. Launch the **Logic Pro application** and select Logic Pro>Preferences>MIDI from the menu.



2. Select the Sync tab from the menu and ensure your settings match those in the image below. Once completed, close the window.

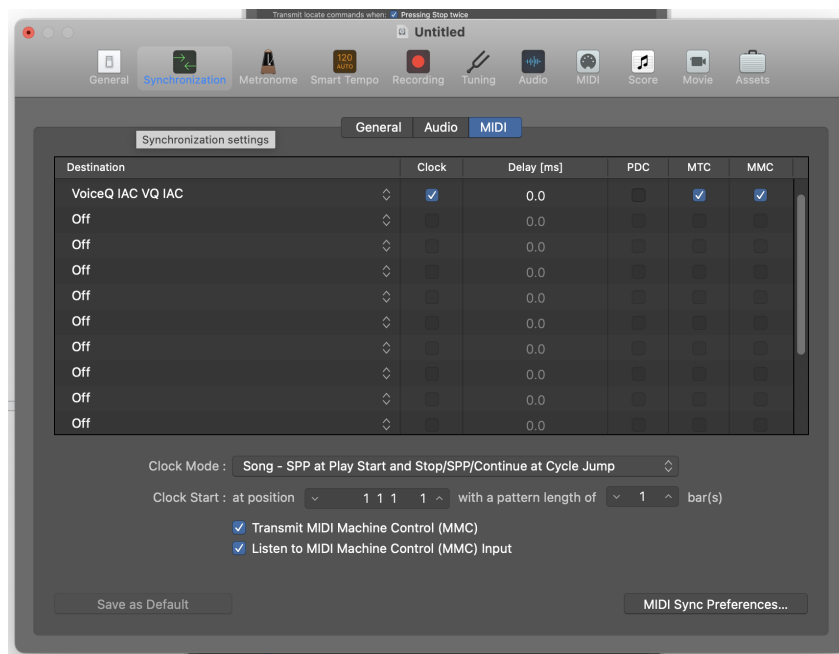


3. Select the 'MIDI Sync Project Settings...' and then choose the 'Internal' sync mode, choose the correct frame rate, and select the 'Auto detect format of MTC'.



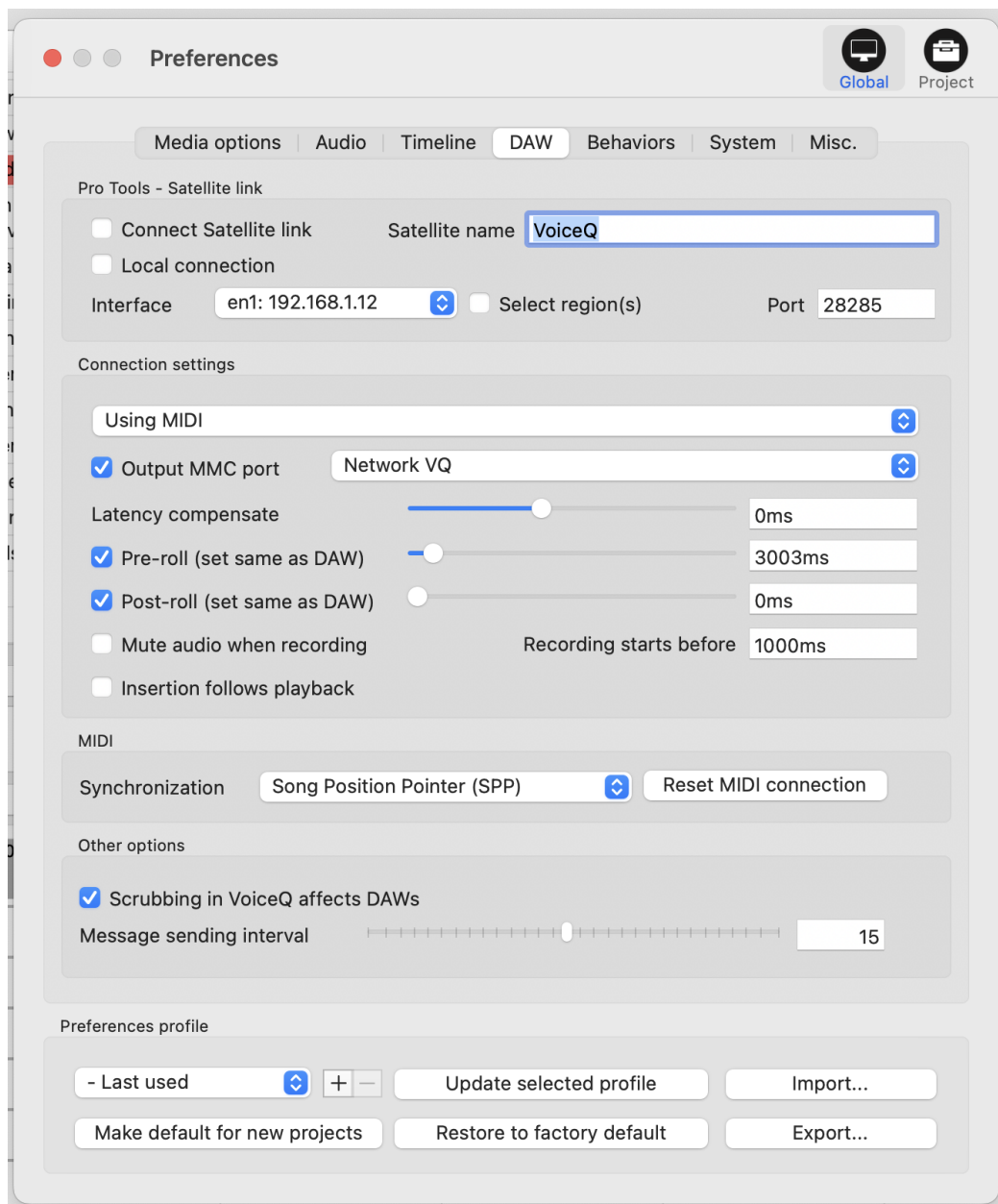
4. Select the MIDI tab and the Network MIDI port as the destination. Select the clock, MTC and MMC checkboxes. Then select the 'Transmit MIDI Machine

Control (MMC)' and 'Listen to MIDI Machine Control (MMC) Input' checkboxes below. (See image for reference)

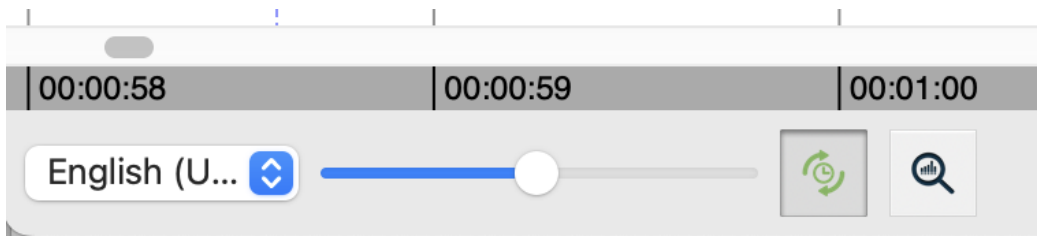


Setting up Network MIDI in VoiceQ Pro

5. Launch VoiceQ and select 'VoiceQ>Preferences>Global>DAW...' from VoiceQ's main menu.
6. Enable Output MMC Port and select the Network Driver by name. In this example, it is 'VoiceQ IAC/MTC'.
7. Then, in the MIDI settings, select 'Song Position Pointer (SPP).'



8. Next, select the 'Chase external timecode (Command+j)' to connect the applications in SYNC.



Running the applications in SYNC

The following options will work when synchronizing between VoiceQ Pro and Logic Pro.

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4. Select a new track in Logic and then activate recording mode.



5. In VoiceQ Pro, select the line you wish to record and ensure the 'Chase external timecode' mode is online.
6. In Logic Pro, initiate record - If a Pre-roll is set, it will follow what is set in Logic in the VoiceQ media window.

For specific information on Logic Pro please visit Apple's Support section: [click here to view](#). It provides an extensive library of information including; User Guide, Video Tutorials and a Forum.