

# LISTENTO Plug-Ins — Quick Start User Guide



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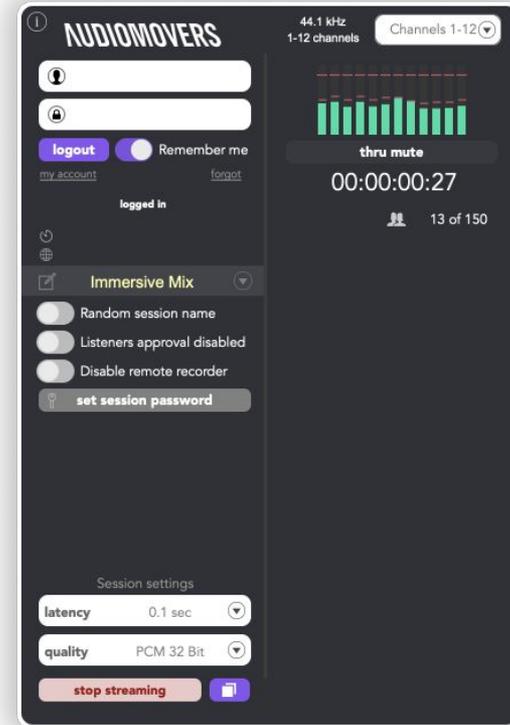
**CREATIVITY**  
**UNINTERRUPTED**

# 1. What is LISTENTO?

**LISTENTO is a software built by Audiomovers which makes it possible to stream, record and collaborate with HQ audio (uncompressed) in real time.**

It's designed to allow you to stream audio from any DAW to

- a web browser (by copying and pasting a link)
- The LISTENTO iPhone or Android app
- another DAW



## 2. Installer Info

LISTENTO comes in both plugin and desktop app format. On our downloads page you are able to separately download the plugins and desktop app.

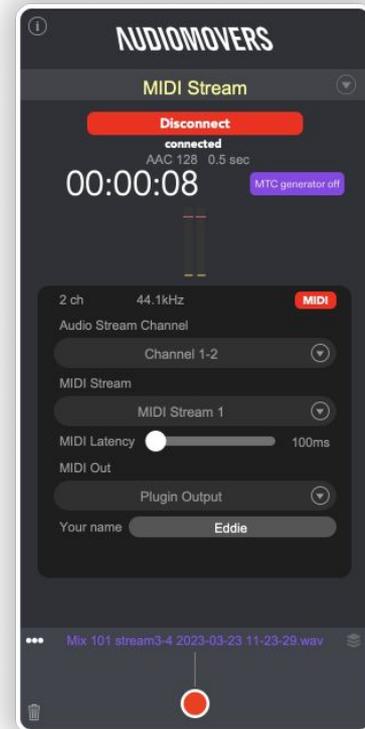
When you download the LISTENTO plugins, the installer will install three plugins: LISTENTO, LISTENTO Instrument/MIDI & LISTENTO Receiver.

### The Plug-ins:

1. LISTENTO: allows for real-time streaming of several lossless and compressed audio formats. Audio effect plug-in, VST, VST3, AU & AAX formats
2. LISTENTO Instrument: allows you to transmit MIDI information directly from virtual instrument/MIDI tracks from your DAW. Instrument plug-in, VST3, AU & AAX formats.
3. LISTENTO Receiver: is a plug-in that allows you to receive and record incoming audio and MIDI streams from a LISTENTO transmission. Generator plug-in, VST, VST3, AU & AAX formats

### The LISTENTO Desktop App:

- The LISTENTO app allows you to both transmit and receive LISTENTO streams. You have a choice of up to 16 channels of I/O as well as selectable MIDI I/O



### 3. Supported formats, hosts and installation locations

#### Supported plugin formats

LISTENTO & LISTENTO Receiver

- AAX, AU, VST, VST3
- Mac OS X 10.14 – 10.15 64 bit
- Windows 10 64 bit

LISTENTO Instrument (MIDI)

- AAX, AU, VST3
- Mac OS X 10.14 – 10.15 64 bit
- Windows 10 64 bit

Use LISTENTO plug-in Legacy versions for Mac OS X 10.11 - 10.13, Windows 10 32 bit and Legacy AAX version for OS X 10.10 and Pro Tools 12.

You can download it on our website <https://audiomovers.com>

#### Supported DAWs/hosts

Logic Pro X, Cubase 9.5, Cubase 10, Pro Tools 12 and up, Ableton Live 9 64 bit, Ableton Live 10, Studio One 4, Studio One 5, Reaper 6, GarageBand 10, Adobe Audition CC 2019, WaveLab 10, FL Studio

- Other hosts may work but weren't tested.
- Some hosts won't work with LISTENTO plug-in if they don't support third-party plug-ins. For example: Pro Tools First or Presonus Studio One Prime.

#### Default Plug-in Installation Locations

Mac OS

- /Library/Audio/Plug-Ins/VST
- /Library/Audio/Plug-Ins/VST3
- /Library/Audio/Plug-ins/Components
- /Library/Application Support/Avid/Audio/Plug-Ins

Windows OS

- AAX
- C:\Program Files\Common Files\Avid\Audio\Plug-Ins

VST 3

- C:\Program Files\Common Files\VST3 32-bit  
Windows
- C:\Program Files (x86)\Common Files\VST3 64 bit  
Windows

VST2

- C:\Program Files\VSTPlugins VST2
- Service files
- C:\Program Files\Audiomovers

## 4. Uninstalling LISTENTO

### Mac OS

To uninstall, LISTENTO use the LISTENTO uninstaller

To manually uninstall LISTENTO, you will need to remove it manually from the default installation folders

```
/Library/Audio/Plug-Ins/VST  
/Library/Audio/Plug-Ins/VST3  
/Library/Audio/Plug-ins/Components  
/Library/Application Support/Avid/Audio/Plug-Ins
```

### Windows OS

You will need to open Apps & features and uninstall LISTENTO Audio Plug-in

## 5. Recommended streaming and internet settings (AAC & OPUS)

Audio quality	Channels	Audio data rate	Internet speed	Quality
<b>AAC</b>				
AAC 320	STEREO	0.32 Megabit /s	0.43 Mbps	
AAC 256	STEREO	0.256 Megabit /s	0.35 Mbps	iTunes quality
AAC 192	STEREO	0.192 Megabit /s	0.26 Mbps	
AAC 128	STEREO	0.128 Megabit /s	0.17 Mbps	AAC good quality
AAC 96	STEREO	0.096 Megabit /s	0.13 Mbps	
<b>OPUS</b>				
OPUS 256	STEREO	0.265 Megabit /s	0.35 Mbps	
OPUS 128	STEREO	0.128 Megabit /s	0.17 Mbps	

## 5. Recommended streaming and internet settings (AAC & OPUS)

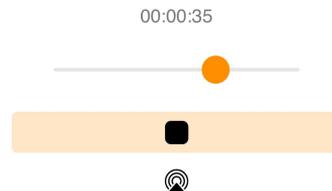
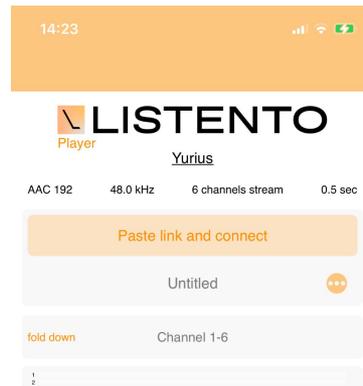
Audio quality	Channels	Audio data rate	Internet speed	Quality
<b>Uncompressed Audio Format</b>				
PCM 32 BIT 96 kHz	STEREO	6.15 Megabit /s	8.3 Mbps	Studio quality
PCM 32 BIT 88.2 kHz	STEREO	5.65 Megabit /s	7.63 Mbps	Studio quality
PCM 24 BIT 96 kHz	STEREO	4.61 Megabit /s	6.23 Mbps	Studio quality
PCM 24 BIT 88.2 kHz	STEREO	4.24 Megabit /s	5.73 Mbps	Studio quality
PCM 32 BIT 48 kHz	STEREO	3.11 Megabit /s	4.2 Mbps	Studio quality
PCM 16 BIT 96 kHz	STEREO	3.08 Megabit /s	4.16 Mbps	Studio quality
PCM 32 BIT 44.1 kHz	STEREO	2.83 Megabit /s	3.82 Mbps	Studio quality
PCM 16 BIT 88.2 kHz	STEREO	2.83 Megabit /s	3.82 Mbps	Studio quality
PCM 24 BIT 48 kHz	STEREO	2.31 Megabit /s	3.93 Mbps	Studio quality
PCM 32 BIT 44.1 kHz	STEREO	2.12 Megabit /s	3.61 Mbps	Studio quality
PCM 16 BIT 48 kHz	STEREO	1.54 Megabit /s	2.62 Mbps	Studio quality
PCM 16 BIT 44.1 kHz	STEREO	1.41 Megabit /s	2.4 Mbps	CD quality

## 6. Combining LISTENTO with other tools

**Disclaimer: the Audiomovers team doesn't endorse any particular third party service providers, but we have some suggestions on how you can work LISTENTO into your sessions along with other software to start collaborating.**

1. Use LISTENTO and LISTENTO RECEIVER plugins to stream, listen and record a remote audio in any DAW (you can find a list of supported hosts on page seven of this guide). LISTENTO also allows you to listen in from a web browser. If you're on mobile, we recommend downloading the LISTENTO app for iPhone or Android.
2. Alternatively, LISTENTO App is a standalone application that can live outside the DAW but has all of the same functionality as LISTENTO and LISTENTO RECEIVER, allowing you to stream and receive audio using any audio devices connected to your PC or Mac.
3. For talkback, chat, screen sharing, or remote control, we recommend using remote desktop software or third party communication tools such as TeamViewer, ZOOM, Google Meet, Discord, Skype for example, to enhance the collaborative experience. Bear in mind that third party software will have an effect on internet speeds and processor performance.
4. While it may take a little getting used to, consider using headphones for your sessions if sharing audio over multiple software solutions to avoid the potential for audio feedback or echo, or if working with spatial audio.

### LISTENTO iOS APP for iPhone and iPad



## Understanding the UI

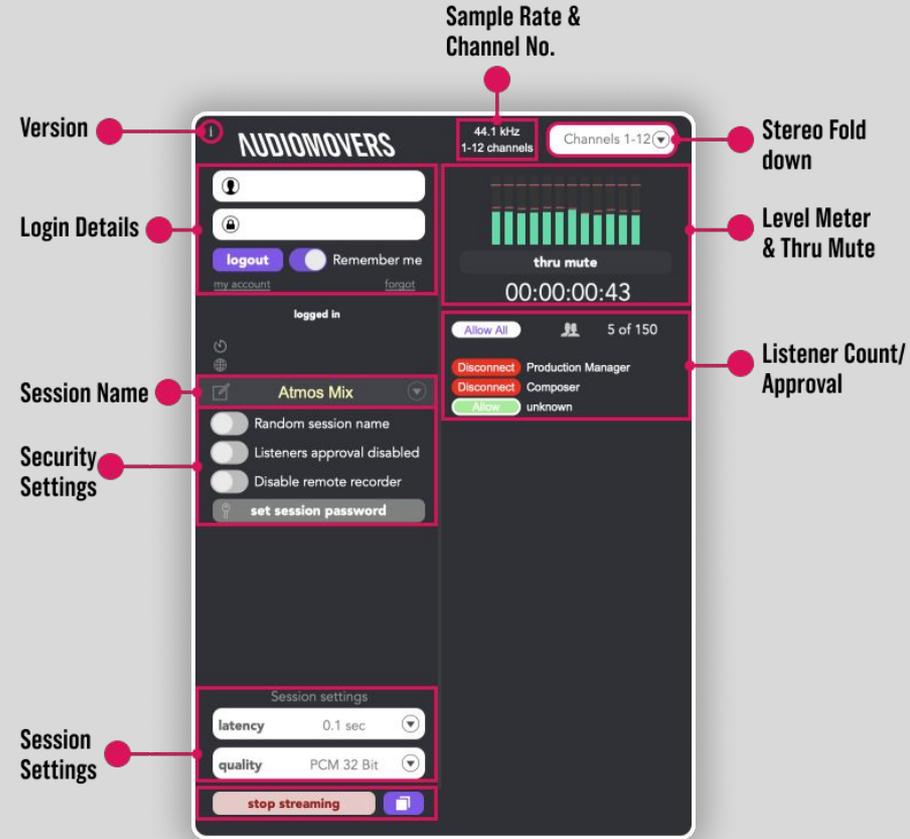
## 7. Understanding the UI

### 1. LISTENTO Plug-in

The LISTENTO Plug-in is an audio effect plug-in that comes in VST, VST3, AAX and AU formats.

LISTENTO allows you to transmit up to lossless quality audio directly from your DAW with as little as 0.05s of latency.

LISTENTO can also sit as a 7.1.4 plugin allowing you to transmit immersive mixes to clients for real time session feedback.



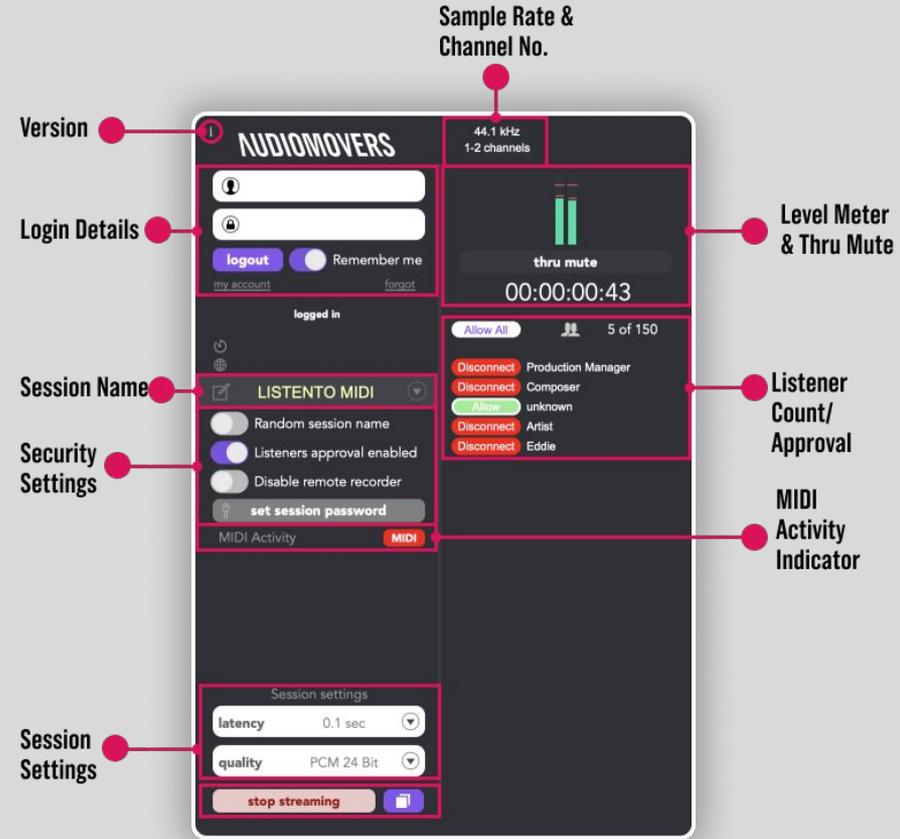
## 7. Understanding the UI

### 2. LISTENTO (MIDI Enabled Instrument)

The LISTENTO Instrument Plug-in is an instrument plug-in that comes in VST3, AAX and AU formats.

The LISTENTO Instrument allows you to transmit MIDI information from your DAW.

The LISTENTO Instrument plug-in also comes with a sidechain input allowing you to transmit MIDI information and audio simultaneously.

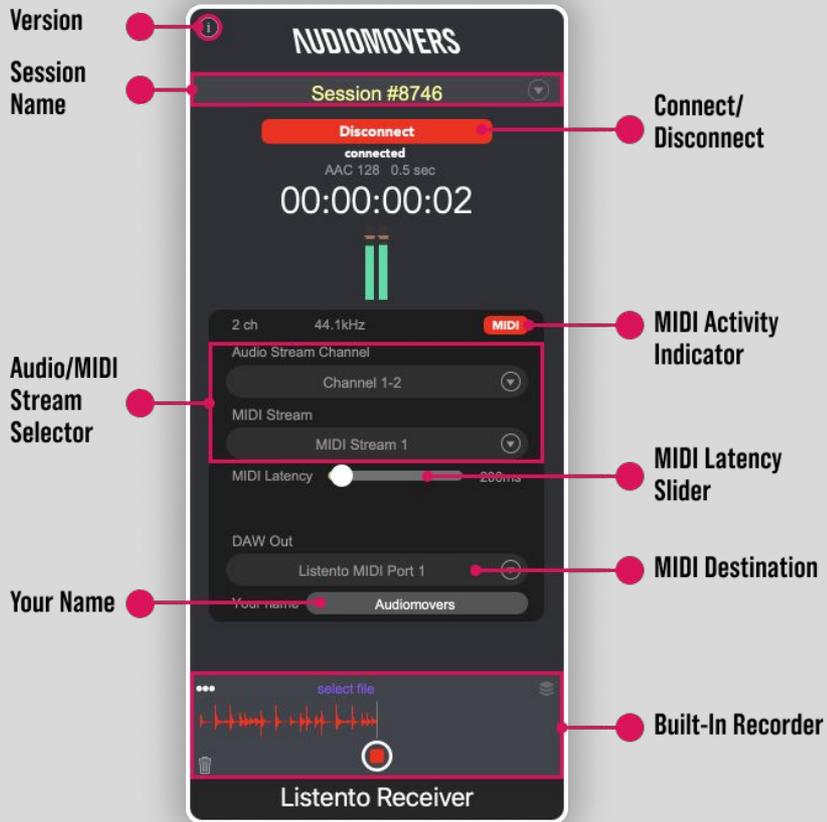


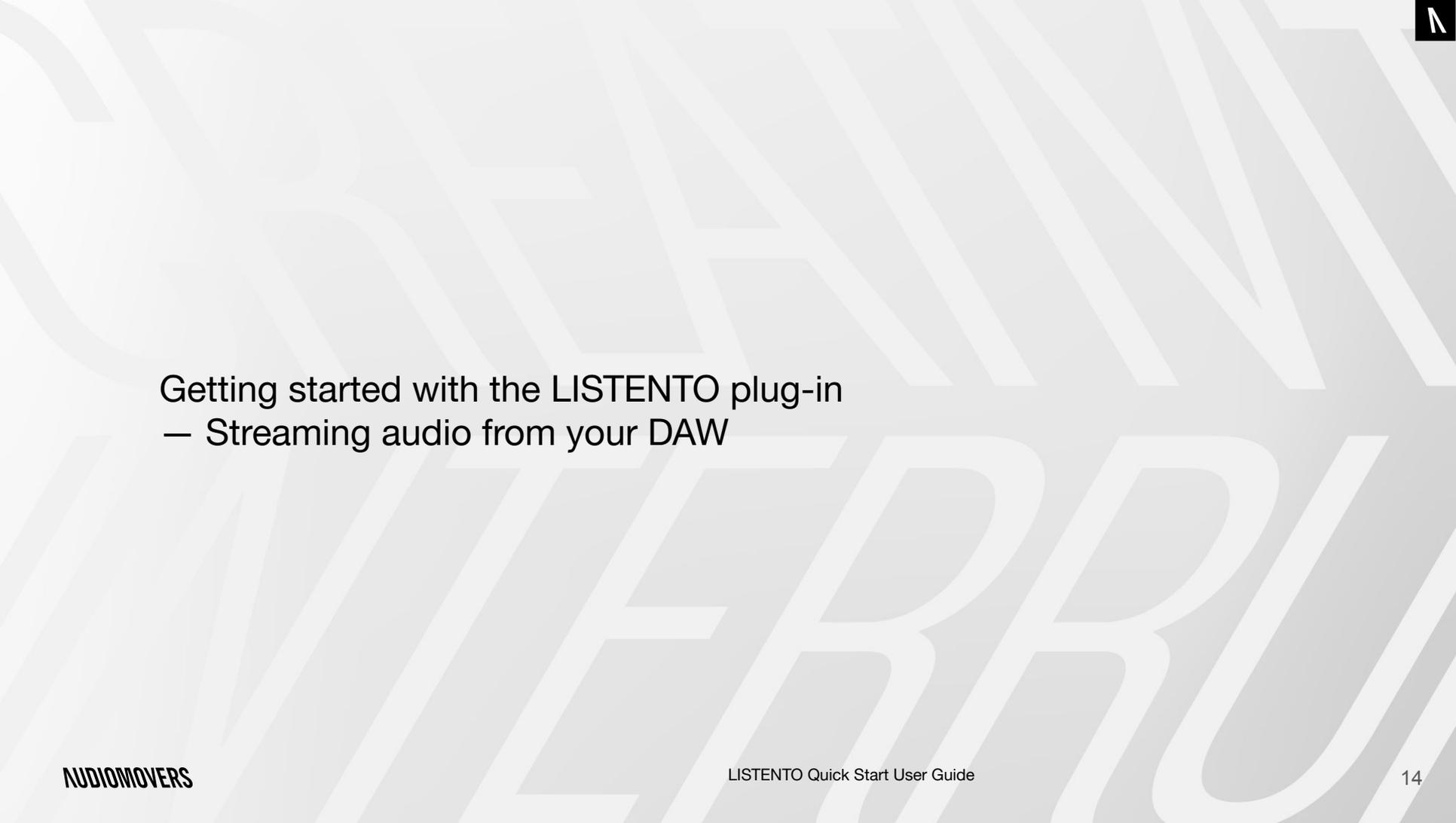
## 7. Understanding the UI

### 3. LISTENTO Receiver

The LISTENTO Receiver plugin is an audio effect plug-in that comes in VST, VST3, AAX and AU formats.

The LISTENTO Receiver plugin allows you to receive audio and MIDI LISTENTO streams directly into your DAW session.





## Getting started with the LISTENTO plug-in — Streaming audio from your DAW

## 8. Streaming audio from your DAW

### 1. Setting up your LISTENTO session

Add the LISTENTO plugin to an empty insert slot on an audio or midi channel if using Pro Tools or Logic Pro X.

If using Ableton LIVE or similar, simply drop the plugin in the audio channel you wish to stream (e.g. master, or a vocal channel to send just a vocal stem).

Launch the plugin and enter your Audiomovers username/email and password and click 'login'.

Once logged in, the 'Start Transmission' button will become available and you can begin streaming your audio.

#### Prepare your stream:

Set your session name (optional), or go with the default, or select a random session name.

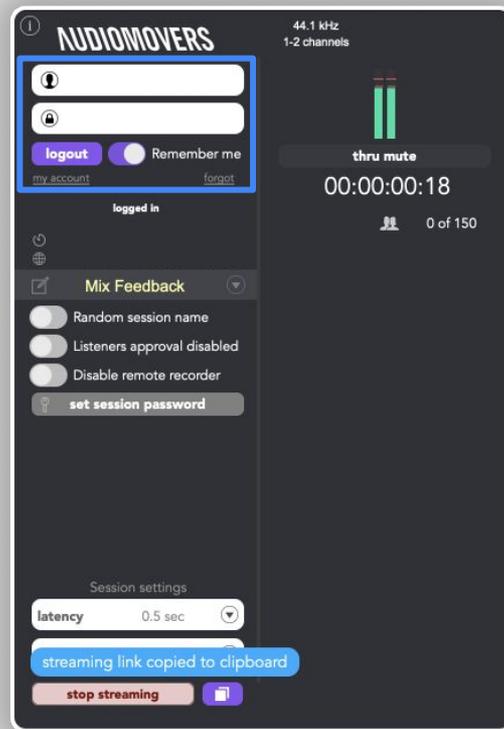
Bear in mind that if you wish to run multiple sessions and use the same session name, anyone with the link will still be able to listen in to your stream.

For added security, you can also set the session password (again, this is entirely optional).

You can adjust streaming quality and latency (see pages 7-8 for our recommendations on connection speed and quality).

Click "Copy Link" to copy a stream session link to your clipboard.

### LISTENTO PLUGIN



## 8. Streaming audio from your DAW

### 2. Starting and testing your stream

Press “Start Transmission” to begin streaming.

You can send your session link to anyone you want to share your stream with - it's a URL which can be opened in a browser window direct from an email for rapid feedback, or in a DAW (via LISTENTO receiver), or in our iPhone and Android apps.

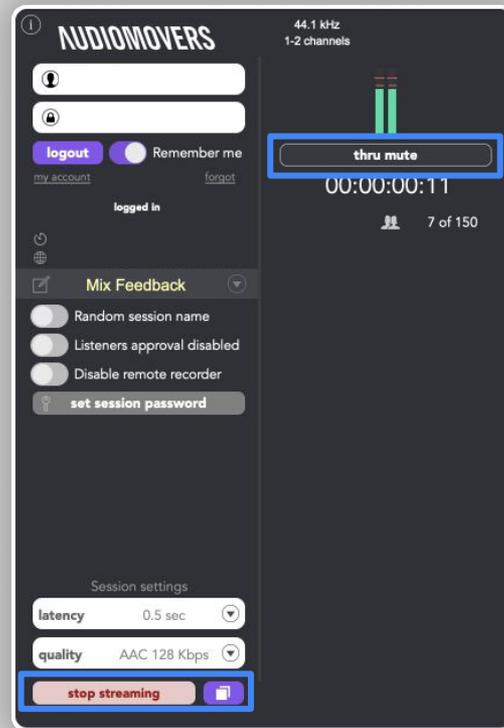
You can of course also send it to yourself, to easily test a mix in the car or on another system without having to repeatedly bounce out tracks.

Before you share the link, you'll likely want to test that it's working.

You can copy the stream link, and test it yourself. Simply hit 'thru mute' to mute the audio from the DAW, and test that the stream is audible by pasting the link in your own web browser or mobile app.

NB. LISTENTO streaming links have been heavily tested in multiple web browsers, but we recommend Google Chrome for optimum performance\*.

#### LISTENTO PLUGIN



## 8. Streaming audio from your DAW

### 3. Streaming Multi Channel audio

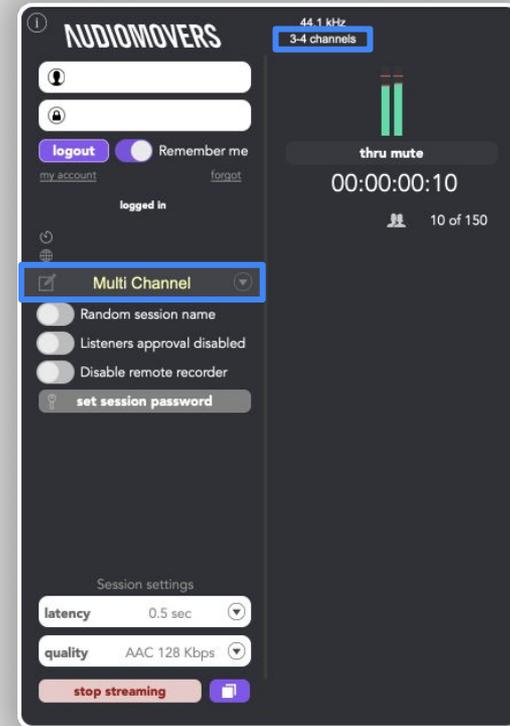
To Stream multi-channel audio, all you need to do is load up another instance of LISTENTO, enter the same session name and settings as your previous instance, login and start streaming.

Each instance of the LISTENTO plug-in will show you which channels are being streamed.

The person receiving your stream will now be able to switch between channels.

You can add up to 64 instances of LISTENTO in your DAW session.

### LISTENTO PLUGIN



## 8. Streaming audio from your DAW

### 4. Streaming atmos/immersive audio

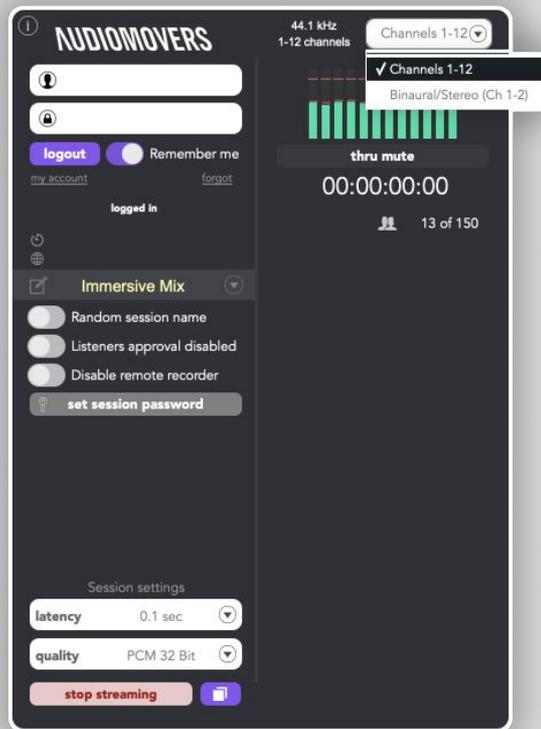
LISTENTO allows you to transmit immersive audio, up to 7.1.4.

To stream immersive mixes all you need to do is load up the LISTENTO plugin set to 7.1.4 on your multi channel master, login and start streaming.

LISTENTO gives you the option to stream all 12 channels or to stream said channels as a binaural/stereo fold down.

To stream from the Dolby Atmos renderer in Pro Tools, you can send either a 7.1.4 discrete out or a 2.0 binaural render into the LISTENTO standalone application using our tool [OMNIBUS](#). Please refer to the LISTENTO app's user guide for an in depth guide.

### LISTENTO PLUGIN



## 8. How to stream audio & MIDI from your DAW

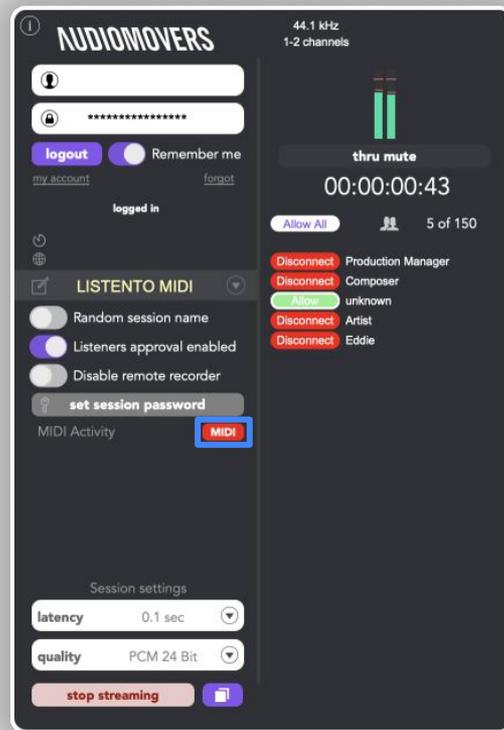
### 5. Streaming MIDI from your DAW

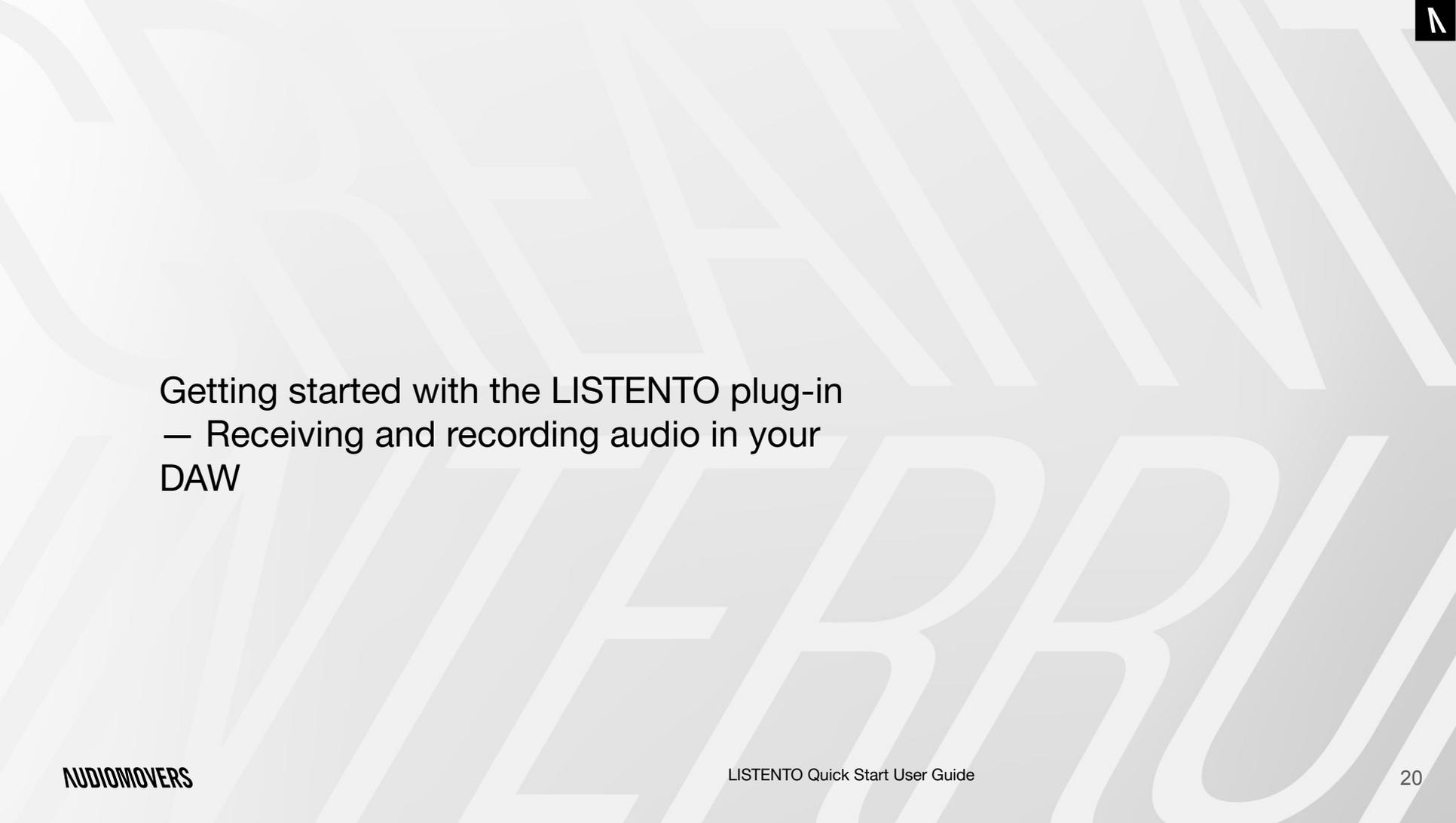
LISTENTO (MIDI Enabled Instrument) is available in VST3, AU and AAX formats.

To stream MIDI using LISTENTO, open an instance of 'LISTENTO (MIDI Enabled Instrument)' onto a virtual instrument/MIDI track (software Instrument in Logic Pro), choose your session settings, login and begin your transmission.

The MIDI activity indicator will turn red when MIDI is passing through. The activity indicator will appear dark grey when not logged in or if your subscription doesn't allow you to pass MIDI.

### LISTENTO PLUGIN





Getting started with the LISTENTO plug-in  
— Receiving and recording audio in your  
DAW

## 9. How to receive and record

### 1. Create an instrument/midi track

The LISTENTO Receiver Plug-In now sits as a Instrument plugin in VIST, VST3, AU & AAX Formats.

To receive LISTENTO Streams in your DAW, load up an instance of the receiver plugin on an Instrument/MIDI track depending on your DAW.

\* Example in Logic Pro X



## 9. How to receive and record

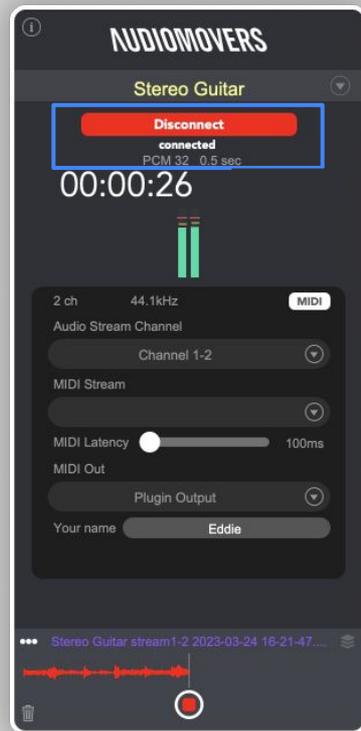
### 2. Pasting the streaming link and troubleshooting

Open the LISTENTO receiver plugin and paste the session link you have been sent.

Click 'Connect'. If the session is live, you should be receiving a real time audio feed.

You can also ask your collaborator to test their stream on their end - by using 'thru mute', and pasting their streaming link into a browser window to make sure they can hear audio.

### LISTENTO RECEIVER PLUGIN



## 9. How to receive and record

### 3. Assign a mixer bus

In order to record an incoming audio stream from LISTENTO, simply assign the Instrument/MIDI track's output to a mixer bus of your choice.

From here, create an audio track with its input set to said mixer bus.

Make sure to check whether your audio track is set to either mono or stereo depending on the audio being transmitted to you.

\* Example in Logic Pro X



## 9. How to receive and record

### 4. Start recording

Arm your audio track and hit record and make sure audio is coming through.

\* Example in Logic Pro X



## 9. How to receive and record

### 5. Built in recorder

LISTENTO Receiver also has the option to capture and record audio directly in the plugin, without the use of Aux / Bus routing or a DAW's recording functionality at all.

Simply insert the Receiver plugin into any audio track.

At the bottom of LISTENTO RECEIVER plugin hit the red record button to start recording the incoming audio stream direct to your machine.

The recorded files can be found in —

macOS computers:

Users\Current User\Documents\listento\_recordings

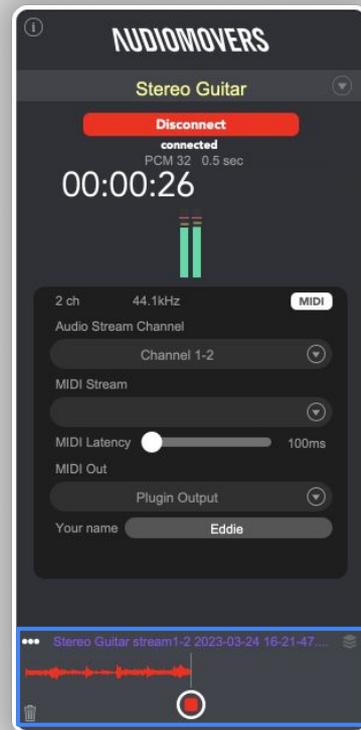
Microsoft Windows computers:

C:\Users\Current User\Documents\listento\_recordings

Additionally, you can find your recordings in the drop-down in the recording area of RECEIVER.

From here, you can select the file you want and drag and drop the .wav file straight into a channel on your DAW timeline.

### LISTENTO RECEIVER PLUGIN



## Getting started — Receiving and recording MIDI in your DAW

## 10. Receive and record MIDI in your DAW

### 1. Paste the streaming link

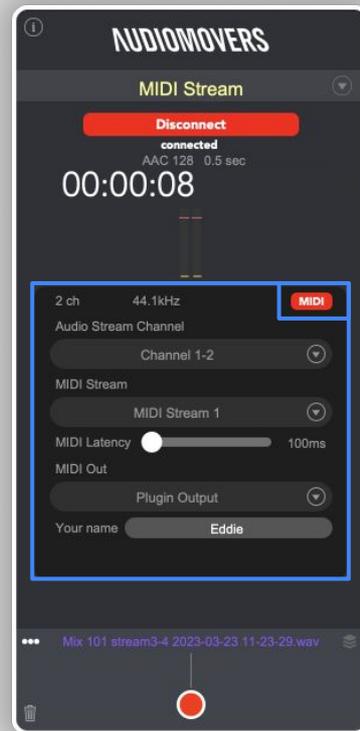
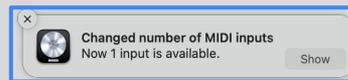
LISTENTO RECEIVER allows you to also receive incoming MIDI being transmitted from your collaborator as well as audio.

Follow the steps previously shown on pages 18-24 to setup the receiver on an instrument/MIDI track.

When the LISTENTO receiver is opened, it will open a virtual MIDI port. The same is applied to the standalone app.

Once you've pasted a streaming link into the receiver, you will see whether MIDI is being transmitted to the receiver when the MIDI activity indicator flashes red. This means that MIDI data is coming into the receiver plugin.

### LISTENTO RECEIVER PLUGIN



# 10. How to receive and record

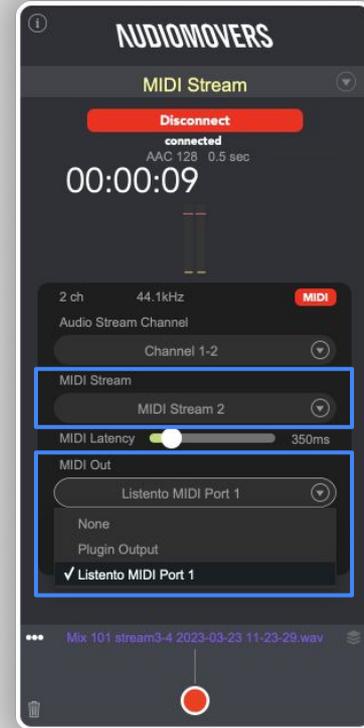
## 2. Receiving MIDI

Choose between multiple MIDI streams from the MIDI stream drop down selector.

VST, VST3 and AAX formats of the plugin will declare themselves as a MIDI output.

AU format will have to be routed out through the LISTENTO MIDI port

### LISTENTO RECEIVER PLUGIN



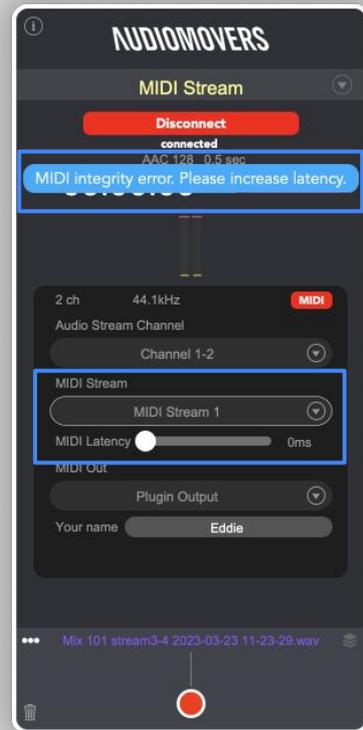
## 10. How to receive and record

### 3. Latency

Internet connection may not be stable leading to MIDI data loss when receiving MIDI streams. When such event happens, the MIDI integrity error message will appear.

When said prompt appears, increase your MIDI latency with the latency slider.

### LISTENTO RECEIVER PLUGIN





Have more questions about LISTENTO, OMNIBUS or Audiomovers?

Head to —

<https://audiomovers.com/wp/help>

Alternatively, please contact us at [contact@audiomovers.com](mailto:contact@audiomovers.com)

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