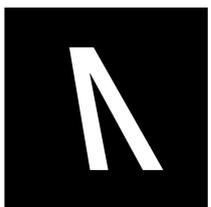




# MINIBUS

## USER GUIDE

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# 1. Legal Disclaimer

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## 2. Welcome to MINIBUS

MINIBUS is a Mac and Windows plugin that uses NDI®'s network audio protocol to transmit audio between devices on the same network. It enables you to send audio from any host application that supports third-party VST3, AU, or AAX plugins.

The MINIBUS installer includes three plugins and is designed to let you stream audio from your DAW to any NDI-enabled device or application, including OMNIBUS.

- **MINIBUS Lite:** a free MINIBUS transmitter plugin enabling you to transmit mono or stereo audio channels via NDI protocol.
- **MINIBUS Transmitter:** a multichannel MINIBUS transmitter plugin enabling you to transmit up to 16 channels of audio via NDI protocol.
- **MINIBUS Receiver:** a multichannel receiver plugin for any NDI audio source.

# 3. Technical Specifications

## Supported Systems:

### Mac OS:

- MacOS 12.3 or later
- Processor: Intel i7+ or M1+
- GPU: Apple M series, AMD Vega (5000 or 6000 series), Intel UHD 630, or Intel Iris Plus.

### Windows:

- - Windows 10 64-bit or later
- - Processor: Intel or AMD CPUs with SSE4 support or later.
- - Graphics Processing Unit (GPU): Compatible with NVIDIA, AMD, or Intel GPU/APU.
- - Memory (RAM): 6GB+

## Supported Plugin Formats:

- AAX, AU, VST3

## Supported DAWs/Hosts:

- Pro Tools 2023.6+
- Logic Pro 10.7+
- Nuendo 12+
- Cubase Pro 12+
- Reaper 6.66+
- Studio One 6.50

## Supported Channel Widths:

- Up to 9.1.6 / 3rd order ambisonics

## 4. Installation

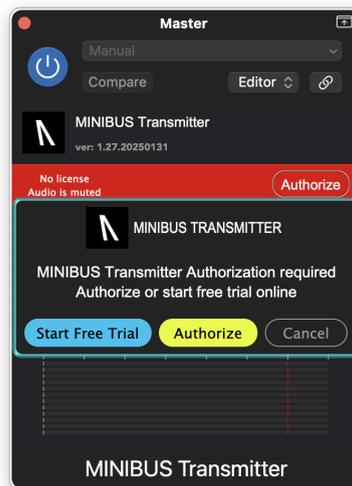
If you are new to Audiomovers, you need to create an account before you can start using the MINIBUS plugins. To create an account, click [here](#), and then confirm your account via the email sent to you.

To download MINIBUS, log in to your Audiomovers account, navigate to the [Downloads page](#), and click the “Download” button under the MINIBUS section.

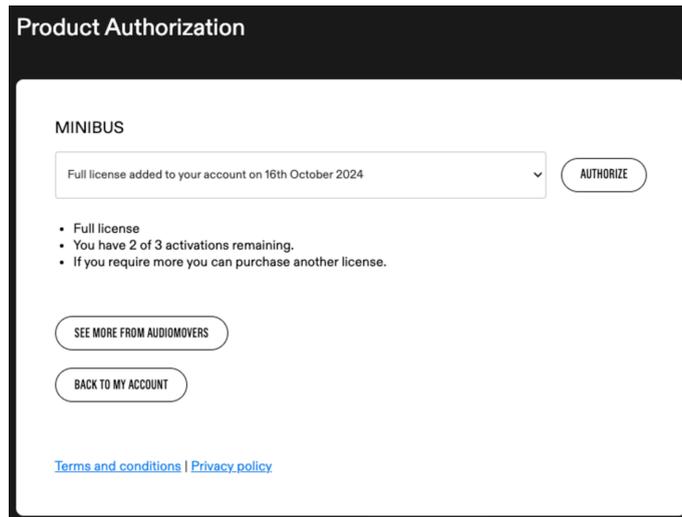
To install MINIBUS, run the MINIBUS Installer and follow the instructions.

### 4.1. Authorization

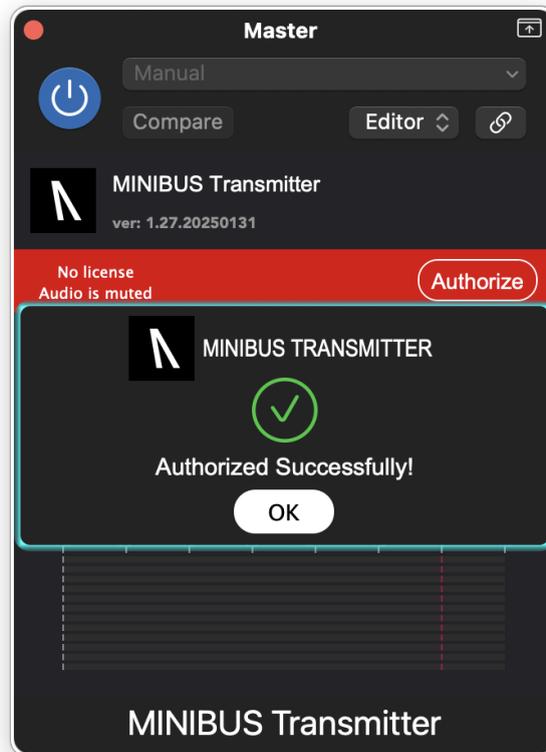
To start using the MINIBUS plugins, you first need to authorize it. Upon launching MINIBUS Transmitter or receiver, an authorization dialog will appear.



Click “Authorize” to be directed to your Audiomovers account to complete the authorization process.



Follow the on-screen instructions to finish the authorization.



**Note:** Each license can be authorized on up to three machines.

## **4.2. Free Demo**

We offer a one-time, 7-day demo period available for new accounts. The demo license can be authorized on a single computer only.

## **4.3. Default Plugin Installation Locations**

### **Mac OS:**

- /Library/Audio/Plug-Ins/VST3
- /Library/Audio/Plug-Ins/Components
- /Library/Audio/Plug-Ins/HAL
- /Library/Application Support/Avid/Audio/Plug-Ins

# 5. User Interface

## 5.1. MINIBUS Transmitter

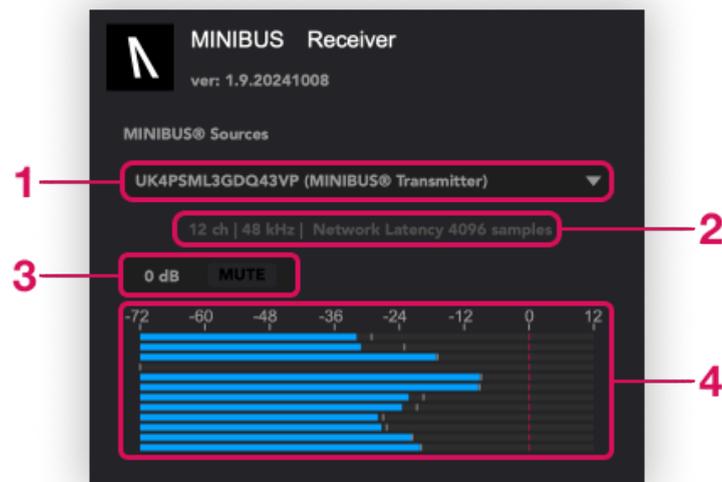
The plugin is designed for transmitting up to 16 channels from your DAW to any NDI enabled receiver on the same network using NDI protocol.



- 1. Transmitter Name:** Name will appear as an NDI source device in any NDI receiver on the same network.
- 2. Transmitter channel count and sample rate:**
- 3. Transmitter level trim/mute:** Adjust the level of the MINIBUS Transmission.
- 4. Network latency:** Select MINIBUS' transmission latency. Select between 128 - 16384 samples.
- 5. Transmitter level meters:** Level meters for MINIBUS transmission.

## 5.2. MINIBUS Receiver

The MINIBUS Receiver will enable you to receive audio from any NDI transmitter source device on the same network.

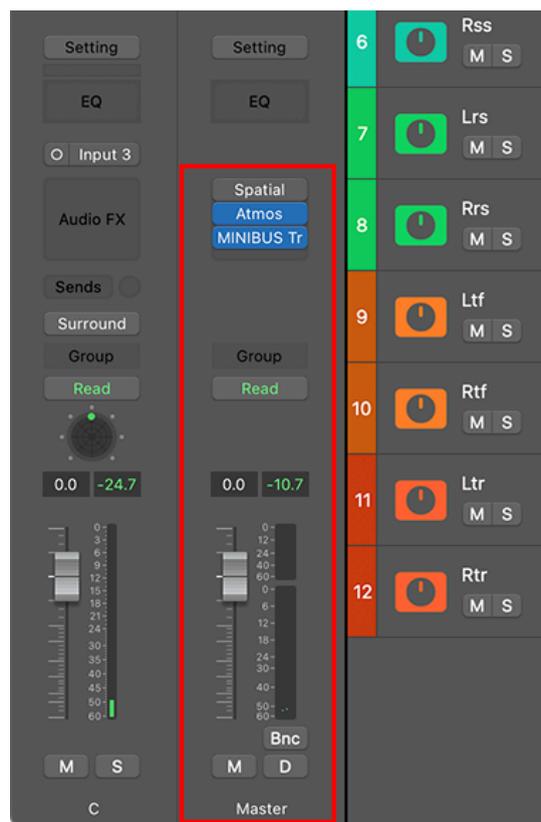


1. **MINIBUS Source:** Select the plugin's NDI source device.
2. **NDI Source channel count and sample rate**
3. **Transmitter level trim/mute:** Adjust the NDI source devices' level or optionally mute.
4. **MINIBUS Receiver level meters:** Level meters for incoming NDI stream.

## 6. Getting Started

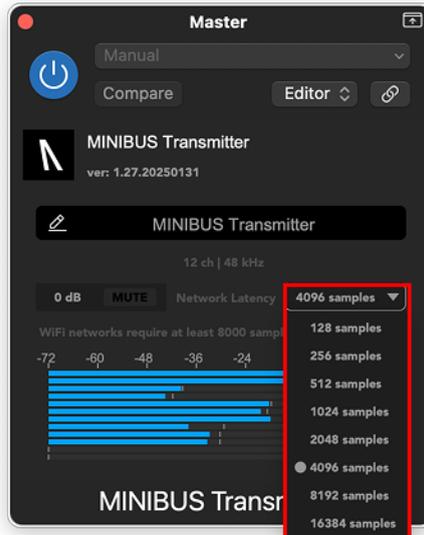
### 6.1. Setting up the MINIBUS Transmitter in your DAW

To setup a MINIBUS transmission, you will need to firstly insert the MINIBUS transmitter in your DAW of choice on the channel you wish to transmit audio from.



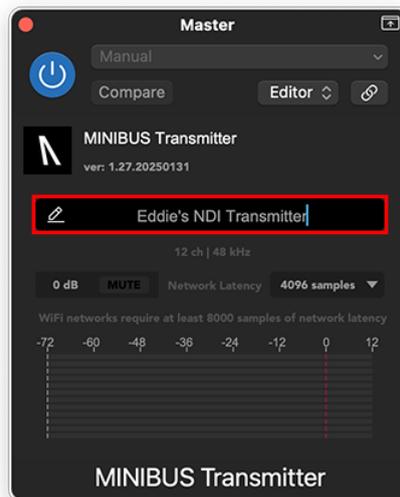
The MINIBUS plugins support up to 16 channels of audio.

Users can then select the network latency/buffer for the MINIBUS plugin.



This will define the latency of your NDI transmission via MINIBUS. This should be selected to account for the bandwidth of your network and connection speed. When using a wired connection, you will typically be able to select a lower latency.

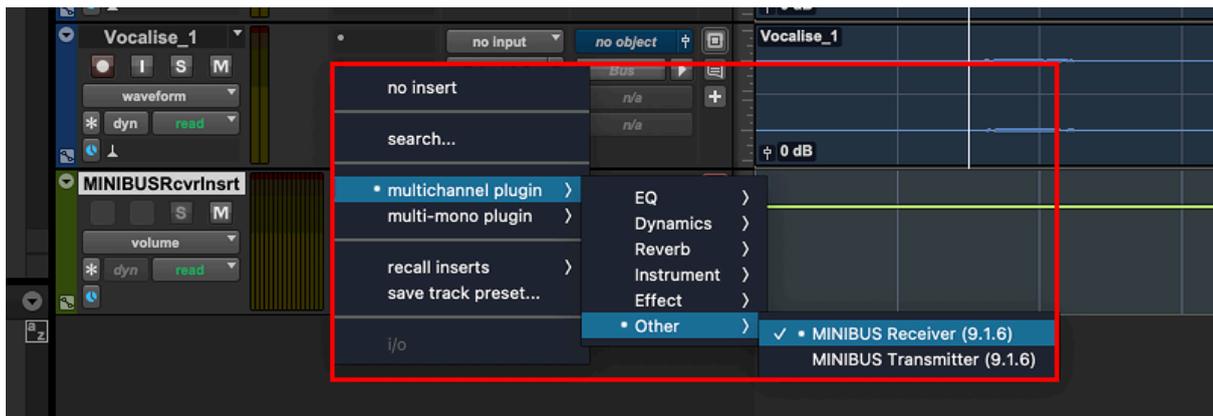
Users will also be able to name their MINIBUS Transmitter.



This will enable receivers to help navigate between multiple NDI transmitters on the same network. This name will appear in both MINIBUS as well as [OMNIBUS](#) when connecting to an NDI device.

## 6.2. Setting up the MINIBUS Receiver in your DAW

To set up the MINIBUS Receiver to receive NDI transmissions, you'll firstly want to insert the MINIBUS Receiver plugin on an audio or auxiliary channel in your DAW.



Once the MINIBUS Receiver has been inserted in your DAW, select the available NDI stream from the drop down menu. **NOTE! Please allow up to 10 seconds for the plugin to scan your network and display available NDI transmitters**



The MINIBUS Receiver scans your local network for available transmitters. Choose one of the transmitters from MINIBUS' drop down menu in order to receive a stream from it. The above image shows an incoming 9.1.6 NDI transmission from OMNIBUS 3.

Once the NDI transmitter is selected, audio will flow into the plugin. **NOTE! Your DAW may disable the plugin if the channel it is inserted on does not have a live audio input. Please make sure that the audio or auxiliary channel the plugin is inserted on has a live Input assigned. Alternatively, if in Pro Tools, users can disable dynamic plugin processing**

