

NoteWarp Setup Guide for Cubase / Nuendo

Overview

NoteWarp Master in Cubase requires special configuration because Cubase handles hybrid plugins (Audio + MIDI I/O) differently than other DAWs.

Known Limitations:

- NoteWarp Master appears as an Audio plugin (not as MIDI Insert)
- MIDI routing requires additional configuration
- **NoteWarp Receiver** is recommended for reliable MIDI routing

Note: Nuendo uses the same architecture as Cubase. This guide applies to both DAWs.

This instruction might not be perfect. Contact me if something is wrong or you have a better

Prerequisites

- NoteWarp Master VST3 installed
 - Mac: */Library/Audio/Plug-Ins/VST3/Notewarp Master.vst3*
 - Windows: *C:\Program Files\Common Files\VST3\Notewarp Master.vst3*
- Cubase 11+ / Nuendo 11+ recommended (older versions may have limited VST3 MIDI support)

Recommended Setup: With NoteWarp Receiver

Since Cubase's MIDI routing for hybrid plugins can be complex, we recommend using the **NoteWarp Receiver** for reliable MIDI routing.

► Step 1: Create Audio Track for NoteWarp Master

- Open Cubase and create or open a project
- Create an **Audio Track** (Project -> Add Track -> Audio)
- Open the **Inserts** section in the Inspector
- Add **NoteWarp Master** as an Insert

This track is used for:

- MIDI Recording (via MIDI Keyboard)

- Audio Transcription (via Audio Input)
- Variation Generation

► Step 2: Create Instrument Track with Receiver

- Create an **Instrument Track** with your synth
- Open the **MIDI Inserts** section in the Inspector
- Add **NoteWarp Receiver** as a MIDI Insert

Track Configuration:

Track 1 (Audio):

--- Audio Inserts -> NoteWarp Master (Master)

Track 2 (Instrument):

--- MIDI Inserts -> NoteWarp Receiver

--- Instrument -> Your Synth (HALion, Kontakt, etc.)

► Step 3: Configure Connection

- Open the NoteWarp Master plugin window on Track 1
- In the Generations Panel: Select the Receiver as output target
- The Receiver should automatically connect

► Step 4: Test

- Record MIDI or use transcription in NoteWarp Master
- Generate a variation
- Click on the variation to play
- You should hear the synth on Track 2

Signal Flow (with Receiver)

Audio Input (optional, for Transcription)

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Track 1: NoteWarp Master (Audio Insert)

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- Recording

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- Transcription

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- Variation Generation

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| Internal Routing

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Track 2: NoteWarp Receiver (MIDI Insert)

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Track 2: Synth (HALion, Kontakt, etc.)

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Audio Output

Visual Diagram

Cubase Project:

Audio Track	Instrument Track
"NoteWarp Master"	"Piano"
Audio Inserts:	MIDI Inserts:
[NoteWarp Master]	[NoteWarp Receiver]
	Instrument:
	[HALion / Kontakt / etc.]
Monitor: ON	Monitor: ON

Alternative Setup: Native MIDI Routing (Advanced)

If you don't want to use the Receiver, you can try native Cubase MIDI routing:

► Step 1: Enable NoteWarp Master MIDI Output

- Add NoteWarp Master as a **VST Instrument** (not Insert)
 - Studio -> VST Instruments -> NoteWarp Master
- In the VST Instruments Rack: Click "**e**" for Edit
- Make sure "**Enable MIDI Output**" is turned on (if available)

► Step 2: Create MIDI Track

- Create a **MIDI Track**
- Set **MIDI Input** to: "NoteWarp Master" (should appear in the list)
- Set **MIDI Output** to your synth

► Step 3: Test

- If no MIDI arrives, use the Receiver setup above instead

Troubleshooting

Problem	Solution
No MIDI output from NoteWarp Master	Use NoteWarp Receiver (recommended)
Plugin not found	Studio -> Studio Setup -> VST Plug-in Manager -> Rescan
No sound	Enable Track Monitor
No sound	Enable Record on Instrument Track
Latency/timing issues	Disable ASIO Guard for NoteWarp Master (Studio -> Studio Setup)
Receiver not connected	NoteWarp Master must be loaded first

► Disabling ASIO Guard (for Low Latency)

For optimal performance during live recording:

- **Studio -> Studio Setup**
- Select **VST Audio System**
- Open **Advanced Options**
- Disable ASIO Guard for NoteWarp Master (or set to "Low")

🔲 MIDI Recording in Cubase

To record MIDI output from NoteWarp Master:



With Receiver:

- Arm the Instrument Track (Record-Enable)
- Start Cubase recording
- Play a variation in NoteWarp Master
- MIDI is recorded on the Instrument Track



Drag & Drop Alternative:

- Drag MIDI directly from NoteWarp Master
- Drop it onto a MIDI Track in Cubase



Multi-Track Routing

For different variations to different synths:

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Track 1: NoteWarp Master (Audio Track)
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+---> Track 2: Receiver 1 + Bass Synth
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+---> Track 3: Receiver 2 + Lead Synth
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+---> Track 4: Receiver 3 + Pad Synth
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- Create multiple Instrument Tracks with one NoteWarp Receiver each
- In NoteWarp Master: Select the corresponding Receiver for each variation



Tips

- Use **NoteWarp Receiver** for reliable MIDI routing
- Disable **ASIO Guard** for lower latency during live playing

- **Expression Maps** can be used with NoteWarp Master MIDI output
- Drag & Drop MIDI from NoteWarp Master directly into Cubase Tracks

Known Limitations in Cubase

- **Hybrid Plugin Categorization:** NoteWarp Master appears as Audio plugin, not as MIDI Effect
- **Native MIDI Routing:** Can be unreliable - Receiver setup recommended
- **Sidechain:** Standard VST3 Sidechain configuration is not relevant for NoteWarp Master (Audio Input is handled differently)

Support

Contact: ivo@notewarp.de

References

- [Steinberg - VST 3 MIDI Out]
(https://steinberg.help/cubase_pro/v12/en/cubase_nuendo/topics/midi_inserts_and_effects/midi_inserts_effects_c.html)