

# NoteWarp Master Setup Guide for FL Studio

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## Overview

NoteWarp Master works in FL Studio with **Port Routing**. The plugin sends MIDI via an internal port that your synth receives.

FL Studio requires MIDI output ports to be configured in the Wrapper Settings.

## Prerequisites

- NoteWarp Master VST3 installed
  - Windows: *C:\Program Files\Common Files\VST3\ivoschi\NoteWarp Master.vst3*
  - Mac: */Library/Audio/Plug-Ins/VST3/NoteWarp Master.vst3*
- FL Studio 20 or newer (FL Studio 21+ recommended)

## Setup Steps

### ▶ Step 1: Load NoteWarp Master

1. Open FL Studio and create or open a project
2. Open the **Browser** (F8)
3. Navigate to: **Plugin database** -> **Installed** -> **Effects** -> **NoteWarp Master**
4. Drag NoteWarp Master into the **Channel Rack** or a **Mixer Insert**

### ▶ Step 2: Configure Wrapper Settings

5. In the NoteWarp Master plugin window: Click the **Gear icon** (top left)
6. Open **Wrapper Settings**
7. Under **Processing**:
  - Enable "**Output to parent MIDI track**" - OR: Set "**Output port**" to a number (e.g., 1)
8. Close Wrapper Settings

### ▶ Step 3: Load and Configure Synth

9. Add a synth to the Channel Rack (e.g., FLEX, Sytrus, Serum)
10. Open the **Synth Wrapper Settings** (Gear icon)
11. Under **MIDI**:

- Set "Input port" to the same number as NoteWarp Master's Output (e.g., 1)

12. Close Wrapper Settings

► **Step 4: Test**

13. Record MIDI or use transcription in NoteWarp Master

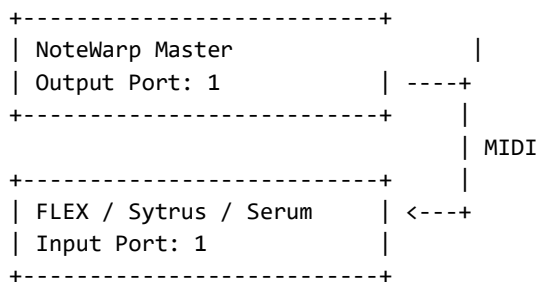
14. Generate a variation

15. Click on the variation to play

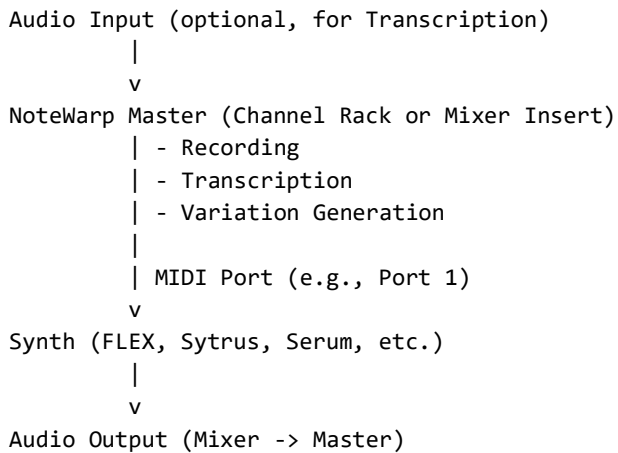
16. You should hear the synth

 **Visual Diagram**

Channel Rack:



 **Signal Flow**



 **Port Routing Table**

Plugin	Output Port	Input Port
NoteWarp Master	1	-
Synth (Piano)	-	1
Synth (Bass)	-	2

You can use different ports for multi-track routing.

## Alternative Setup: Patcher

For more complex setups, you can use **Patcher**:

17. Open **Patcher** (in Channel Rack)
18. Add **NoteWarp Master** (connect Audio Input Source for Transcription)
19. Add your **Synth**
20. Connect NoteWarp Master's **MIDI Out** to Synth's **MIDI In**
21. Connect Synth's Audio Out to Patcher's Output

Patcher:

[Audio In] --> [NoteWarp Master] --> MIDI --> [Synth] --> [Audio Out]

## Troubleshooting

Problem	Solution
Plugin not found	Options -> Manage plugins -> Find more plugins
Plugin not visible after installation	VST3 folder structure issue: Navigate to <i>Program Files &gt; Common Files &gt; VST3 &gt; ivoschi</i> , <b>double-click</b> on NoteWarp Master.vst3, copy the internal files to the VST3 folder, then Rescan
No MIDI output	Wrapper Settings: Set "Output port" to a number
Synth not receiving MIDI	Synth Wrapper Settings: Set "Input port" to the same number
Timing issues	Wrapper Settings: Enable " <b>Fixed size buffers</b> "
No sound	Route synth to Master in the Mixer

## MIDI Recording

To record MIDI output:

22. Create a **MIDI Track** in the Playlist
23. Set its input to the NoteWarp Master Port
24. Arm the track and start recording

## Drag & Drop Alternative:

25. Drag MIDI directly from NoteWarp Master
26. Drop it in the Playlist or Piano Roll

## Multi-Track Routing

For different variations to different synths:

```
NoteWarp Master (Output Port 1-4)
|
+----> Port 1 --> Bass Synth
|
+----> Port 2 --> Lead Synth
|
+----> Port 3 --> Pad Synth
|
+----> Port 4 --> Drums
```

In NoteWarp Master: Select a different output port for each variation (if supported), or use NoteWarp Receiver.

### FL Studio-Specific Tips

- "Output to parent MIDI track" is often simpler than port numbers
- **Patcher** offers the most flexible routing solution
- **Fixed size buffers** enable for more stable timing
- Piano Roll can receive MIDI directly from NoteWarp Master via Drag & Drop

### NoteWarp Receiver in FL Studio

If port routing doesn't work:

27. Load NoteWarp Receiver as a **MIDI Effect** (Generator slot or Patcher)
28. In NoteWarp Master: Select Receiver as output target
29. Receiver routes MIDI to the subsequent synth

### Support

Contact: ivo@notewarp.de

### References

- Image-Line - MIDI Settings ([https://www.image-line.com/fl-studio-learning/fl-studio-online-manual/html/mixer\\_plugin\\_wrapper.htm](https://www.image-line.com/fl-studio-learning/fl-studio-online-manual/html/mixer_plugin_wrapper.htm))