

MidiBro Setup Guide for Reaper

Overview

MidiBro connects to Reaper using the **simplest method of all DAWs** - just add both the MidiBroConnectorPlugin and your instrument to the same track's FX chain. Reaper's flexible "anything tracks" architecture makes MIDI routing automatic.

Prerequisites

- MidiBro installed and registered
- MidiBroConnectorPlugin VST3 installed
 - Windows: *C:\Program Files\Common Files\VST3*
 - Mac: */Library/Audio/Plug-Ins/VST3/*
- Reaper 6 or newer (Reaper 7 recommended)

Setup Steps

▶ Step 1: Create a Track

- Open Reaper and create or open a project
- Create a new track (Ctrl/Cmd + T)
- Double-click the track name to rename it (e.g., "MidiBro Synth")

▶ Step 2: Open the FX Chain

- Click the **FX button** on the track (or press F on selected track)
- The FX chain window opens

▶ Step 3: Add MidiBro Connector Plugin

- Click **Add** in the FX window
- Search for "**MidiBro**"
- Select "**MidiBro Connector Plugin**" (VST3)
- Click **Add** to insert it

▶ Step 4: Add Your Instrument

- Click **Add** again in the FX window
- Search for your synth (Kontakt, Serum, Vital, etc.)
- Add it **after** the MidiBro Connector Plugin
- The FX chain should show MidiBro first, then the synth

► Step 5: Launch MidiBro and Enable Plugin Mode

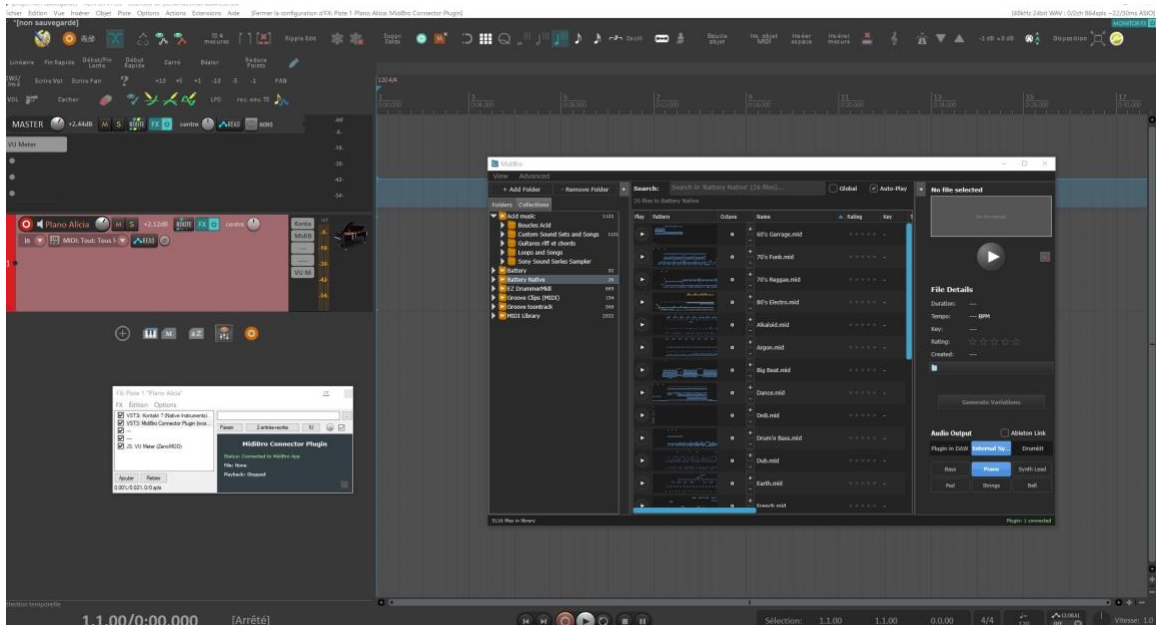
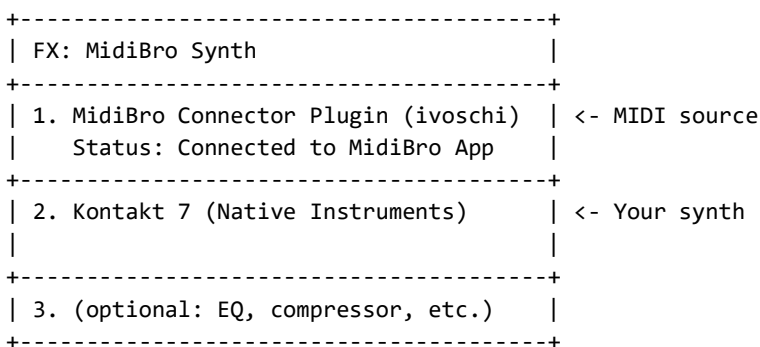
- Open **MidiBro** standalone application
- In the right panel, locate the **Audio Output** section
- Click "**Plugin in DAW**" to enable plugin mode

► Step 6: Verify Connection

- **MidiBro status bar** shows: "Plugin: 1 connected"
- **Plugin window** shows: "Status: Connected to MidiBro App"

Visual Diagram

Track FX Chain:



Why This Works

Reaper's tracks are "anything tracks" - they handle MIDI, audio, and plugins seamlessly. When you place a MIDI-generating plugin before an instrument in the FX chain:

- MidiBro Connector Plugin receives MIDI from the MidiBro app
- MIDI automatically flows down the FX chain
- The instrument receives and plays the MIDI
- Audio output continues down the chain

No special routing required!

Test Playback

- Select a MIDI file in MidiBro's file browser
- Click **Play** in MidiBro
- MIDI flows through the FX chain to your synth
- Audio plays from Reaper

Signal Flow

```

MidiBro App (select file + play)
  | IPC
  v
MidiBro Connector Plugin (FX slot 1)
  | MIDI (automatic)
  v
Your Synth - Kontakt, Serum, etc. (FX slot 2)
  | Audio
  v
Track Output -> Master
  
```

Troubleshooting

Problem	Solution
Plugin not found	Options -> Preferences -> Plug-ins -> VST -> Re-scan
No sound	Ensure MidiBro plugin is BEFORE the synth in FX chain
No sound	Check track is not muted, and master output is up
"Disconnected" status	Ensure plugin is loaded before enabling Plugin mode in MidiBro
MIDI not reaching synth	Check plugin order in FX chain (MidiBro must be first)

Advanced: MIDI Bus Routing

For complex setups with multiple instruments, you can use MIDI bus routing:

- Right-click on plugin's **I/O button** (shows "2 in 2 out" or similar)
- Configure MIDI input/output buses
- Route different MIDI channels to different instruments

Enabling DAW Sync (Optional)

For synchronized playback:

- Toggle "**Sync to DAW**" ON in MidiBro's right panel
- Start **Reaper transport first**
- Then click Play in MidiBro

Tips

- Reaper's FX chain order matters - MidiBro must be before the synth
- You can add audio effects (EQ, reverb) after the synth in the same chain
- Use track folders to organize multiple MidiBro-driven instruments
- Reaper 7's FX Containers can store and recall complete MidiBro + synth chains

Support

Contact: ivo@midibro.de

References

- [Gearspace - MIDI Based Plug-Ins in Reaper](<https://gearspace.com/board/cockos-reaper/1417486-midi-based-plug-ins-reaper.html>)
- [Reaper User Guide - FX and Instruments](<https://www.reaper.fm/userguide.php>)