

# J74 MIDI Assistant / Overview

The J74 Assistant Tools package provides COPY & PASTE support for MIDI data for use with a Web AI Tool (in a web browser). Using this tool you can perform AI-driven MIDI clip generation and processing directly in Ableton Live. This Max for Live plugin a transparent audio device and can be loaded on any track, including the Master track.

**[Load from JSON Midi]** Allows you to import MIDI content to a clip (selected by clicking on the clip slot), from a JSON Midi file formatted according to the Assistant MIDI JSON file format.

**[PASTE]** Select the target clip slot in the project (click on the target clip slot of a MIDI or instrument track). The TRACK & CLIP indicator will show your selection. Paste in the [PASTE] field the content of a JSON dictionary for MIDI clip creation (e.g. generated by a Web AI Tool). Press [S] to send the content to the MIDI clip. If you need, you can clear the content pressing [D].

{TRACK & CLIP indicator} shows your current clip slot selection. This is where [COPY], [PASTE], [Load] or [Save] operations will be applied to.

**[Auto Clear]** If enabled (ON), as on defaults, it automatically clears the PASTE content after it is triggered. If the desired effect is to paste the MIDI JSON content on multiple slots, set this to (OFF).

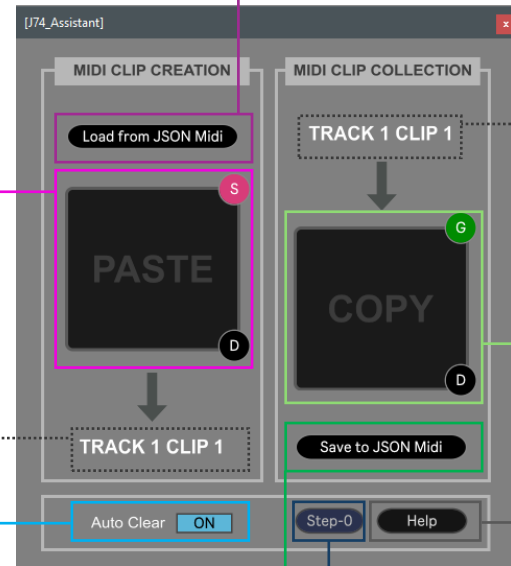
{TRACK & CLIP indicator} shows your current clip slot selection. This is where [COPY], [PASTE], [Load] or [Save] operations will be applied to.

**[COPY]** Select the clip slot in the project you wish to copy. The TRACK & CLIP indicator will show your selection. Press [G] to get the content of the clip populated in the [COPY] field. Copy then content (a JSON raw data dictionary for the MIDI clip) to get it into the system clipboard, for processing by an external application, such a Web AI Tool. If you need, you can clear the content pressing [D].

**[Help]** Opens the help section.

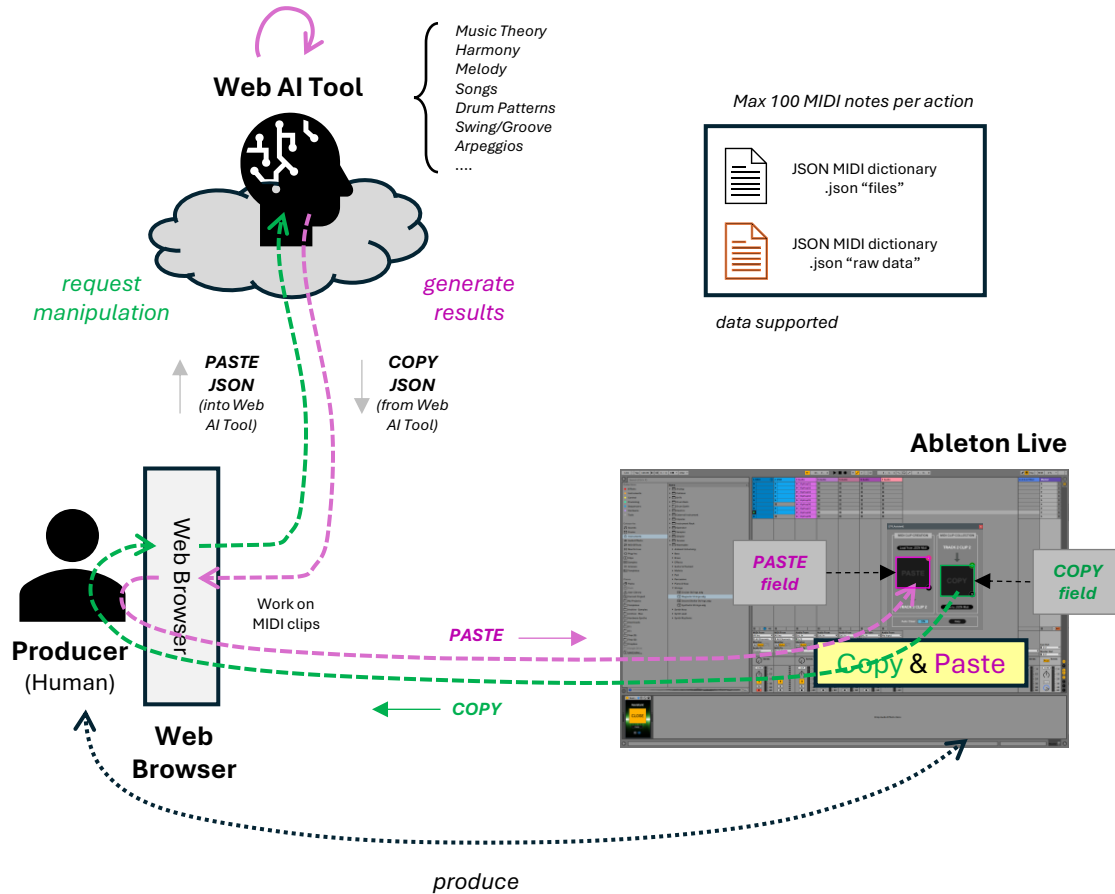
**[Step-0]** Provides the JSON format definition (content of "Step-0")

**[Save to JSON Midi]** Allows you to export the MIDI content of a MIDI clip (selected by clicking on the clip slot) as a JSON Midi file, formatted according to the Assistant MIDI JSON file format.

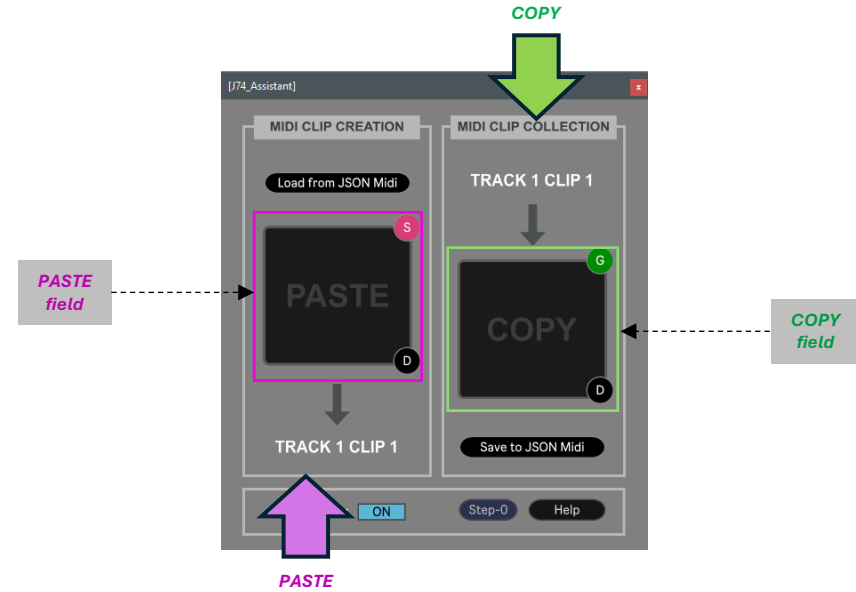


# J74 MIDI Assistant / How to use the tool with a Web AI Tool (COPY & PASTE actions)

## Web AI Tool: Copy & Paste actions for MIDI creation and/or processing



- To process a MIDI clip externally (e.g. with a Web AI Tool), click the clip slot to select it.
- The {TRACK & CLIP indicator} shows your selection.
- Press the [G] button to "get" the clip MIDI content from the selected clip as JSON data.
- The [COPY] field is populated with data.
- Click on the [COPY] field and "copy" all the content to the clipboard.
- Quick shortcut on a Windows system : [CTRL+A] to select all, [CTRL+C] to copy to the clipboard
- Quick shortcut on a Mac OS system : [CMD+A] to select all, [CMD+C] to copy to the clipboard
- On the external tool (e.g. a Web AI Tool), paste the content for processing.
- Quick shortcut on a Windows system : [CTRL+V] to paste from the clipboard
- Quick shortcut on a Mac OS system : [CMD+V] to paste from the clipboard



- From the external tool (e.g. a Web AI Tool), copy the generated JSON content.
- Quick shortcut on a Windows system : [CTRL+A] to select all, [CTRL+C] to copy to the clipboard
- Quick shortcut on a Mac OS system : [CMD+A] to select all, [CMD+C] to copy to the clipboard
- Select (click on) a clip slot in your project to define where the MIDI clip needs to be created.
- The {TRACK & CLIP indicator} shows your selection.
- Click on the [PASTE] field and "paste" all the content from the clipboard.
- Quick shortcut on a Windows system : [CTRL+V] to paste from the clipboard
- Quick shortcut on a Mac OS system : [CMD+V] to paste from the clipboard
- Press the [S] button to "send" the JSON data content to the MIDI clip.