



MIDI Device Manager (MDM)

Patch Walk MIDI Mapping

Quick Start Guide

Version 1.3 for Build 108

Control Your Entire MIDI Environment

Welcome to MIDIDeviceManager

Spend less time managing MIDI. More time making music.

Welcome to MIDIDeviceManager (MDM).

MDM helps you organize your MIDI equipment, quickly find your favourite patches and prepare your entire musical environment for rehearsals and live performances.



Chapter 1

What Is Patch Walk MIDI Mapping?

Patch Walk MIDI Mapping is one of four ways to build a Searchable Instrument Index for a Device. It works differently from the others: MDM does not step through your equipment's patches itself. Instead, MDM listens over MIDI in the background while you change patches by hand, on the physical instrument, and quietly records the Bank Select and Program Change values as they arrive.

The word **Walk** describes what you do: you walk the patch list on your own hardware, one patch at a time, starting from the beginning. MDM does not drive your equipment during a Patch Walk capture — it only listens and takes notes.

A Patch Walk capture does not know your patch names. It records addresses — Bank Select and Program Change values — not the words shown on your equipment's own screen. After the capture, you fill in the real names yourself, using your instrument's manual or a PDF patch list.

Patch Walk MIDI Mapping was originally developed and proven using the Roland GT-Pro, which — as a side benefit of that work — can also report its real patch name automatically over SysEx during a walk. MDM requests and fills in these names for you, so the naming step is skipped for that Device. Most other supported devices do not currently offer this during a Patch Walk capture, even where MDM can query their current patch elsewhere in the app — for those, you'll name patches yourself after exporting, as described below.

Chapter 2

When to Use Patch Walk MIDI Mapping

Patch Walk MIDI Mapping is a last resort. Use it only when all of the following are true:

- No ready-made manufacturer resource file is available for your equipment from the MDM Resource Centre.
- Your equipment cannot provide a full SysEx patch import.
- Your equipment's manual or PDF patch list does not include the exact Bank Select and Program Change values for every patch.

If any of these are available for your equipment, use them instead — they need less manual effort and give you a complete index faster. The **Importing a Searchable Instrument Index** Quick Start Guide covers the CSV and direct-device import routes.

Chapter 3

Before You Begin

Before starting a Patch Walk capture, make sure you have completed the following steps:

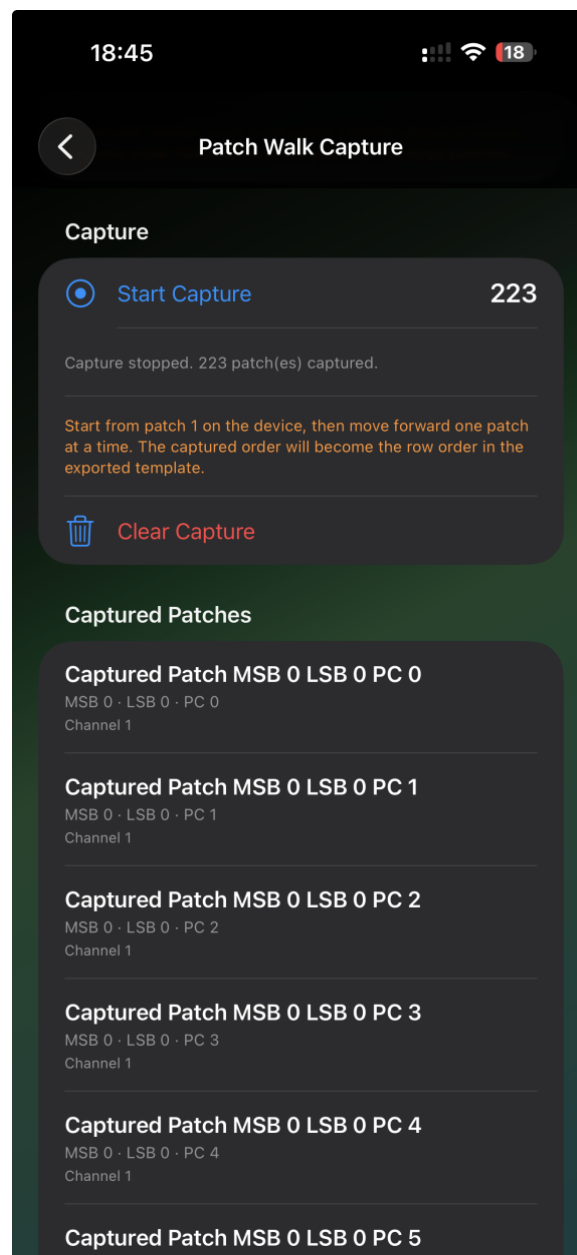
- Complete the **Getting Started with MIDIDeviceManager** Quick Start Guide and create your Device.
- Connect your MIDI equipment and confirm it shows green throughout on the **Devices** screen — the badge on its image and the assigned MIDI port text, with no SysEx Device ID line shown in orange. Check its MIDI channel as well: a Device can be green and still ignore everything you send it if its channel does not match the equipment.
- Have the physical instrument in front of you, with easy access to its own front-panel patch controls. You will be changing patches on the equipment itself, not in MDM.

Once these preparations are complete, you're ready to start a capture.

Chapter 4

Starting a Capture

1. Tap **Libraries** in the tab bar, then **Import Device Index**. On the **Create Searchable Instrument Index** screen, tap **Patch Walk MIDI Mapping**.
2. Pick the MIDI device you want to capture from, or choose **All MIDI Inputs** if you are not sure which port your equipment is using. You can optionally filter to that Device's own MIDI channel, which is worth doing if other equipment shares the same MIDI connection.
3. Tap **Start Capture**.



Chapter 5

Walking Your Patches

With the capture running, work on the physical instrument itself — not in MDM. Select patch 1, then step forward one patch at a time, in order, using the equipment's own front-panel controls.

MDM logs each patch change automatically, in the order you walk them. You do not need to tap anything in the app while you work through the list.

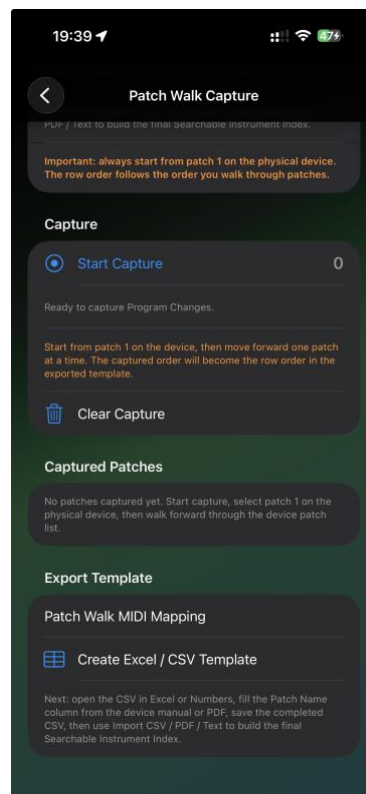
Walk the entire patch list without skipping. MDM can only record what you actually select on the equipment, so a skipped patch is a gap in the finished index, not something MDM can fill in afterwards.

Once you have stepped through every patch, you're ready to export.

Chapter 6

Exporting and Naming Your Patches

1. Under **Export Template**, tap **Create Excel / CSV Template**. MDM builds a CSV file with the captured Bank Select and Program Change addresses, one row per patch.



2. Each row starts with a placeholder name — **Patch 1**, **Patch 2**, and so on, in the order you walked them. These are not real patch names; they exist so you know which row is which while you edit the file.
3. Open the CSV file and replace each placeholder with the real patch name, using your instrument's manual or a PDF patch list. **Exception:** if you are capturing a Roland GT-Pro, skip this step — MDM has already filled in the real names for you, requested automatically over SysEx.
4. Save the finished CSV file somewhere accessible from your iPhone or iPad, such as the **Files** app, **iCloud Drive**, **Dropbox**, or another supported location.

Chapter 7

Building Your Searchable Instrument Index

Your named CSV file is imported the same way as any other — through the normal CSV / Excel route. Tap **Libraries** in the tab bar, then **Import Device Index**, then **CSV / Excel** under **Existing Index**, then **Build Index from CSV** and select the file you named in the previous chapter.

Review the Instrument Index Preview, then tap **Build Searchable Instrument Index**. Finally, associate the finished index with your Device from the **Device Compatibility** section, as usual.

The **Importing a Searchable Instrument Index** Quick Start Guide covers every step of this process in full, with figures — from selecting your CSV file through to using the finished index on a Device Pad.

Chapter 8

Troubleshooting

My capture isn't logging any patches.

1. Confirm you selected the correct MIDI device (or **All MIDI Inputs**) when you started the capture.
2. If you filtered to a specific MIDI channel, confirm it matches the channel set on the equipment.
3. Confirm your equipment is set to transmit Program Change when a patch is changed on its own front panel. This is a setting in the equipment's own menus, and it is switched off on a good deal of equipment as it leaves the factory.

My exported CSV file has no patch names in it.

This is expected. A Patch Walk capture records addresses, not names — see **Chapter 6, Exporting and Naming Your Patches**. Type the real names in yourself before importing. The one exception is the Roland GT-Pro, where MDM fills in the names automatically.

I don't see Patch Walk MIDI Mapping as an option.

Confirm you are on the **Create Searchable Instrument Index** screen, reached from **Libraries** → **Import Device Index**. It is listed alongside the other index routes.

Congratulations

You have successfully built a **Searchable Instrument Index** using Patch Walk MIDI Mapping.

Your Searchable Instrument Index is now ready to use throughout MIDIDeviceManager.

Looking for a ready-made index instead, for next time?

Visit the [MDM Resource Centre](#) on the MIDIDeviceManager website, where you'll find downloadable Searchable Instrument Indexes, supported devices, Quick Start Guides and additional documentation as they become available.

Enjoy exploring your MIDI environment with MIDIDeviceManager.