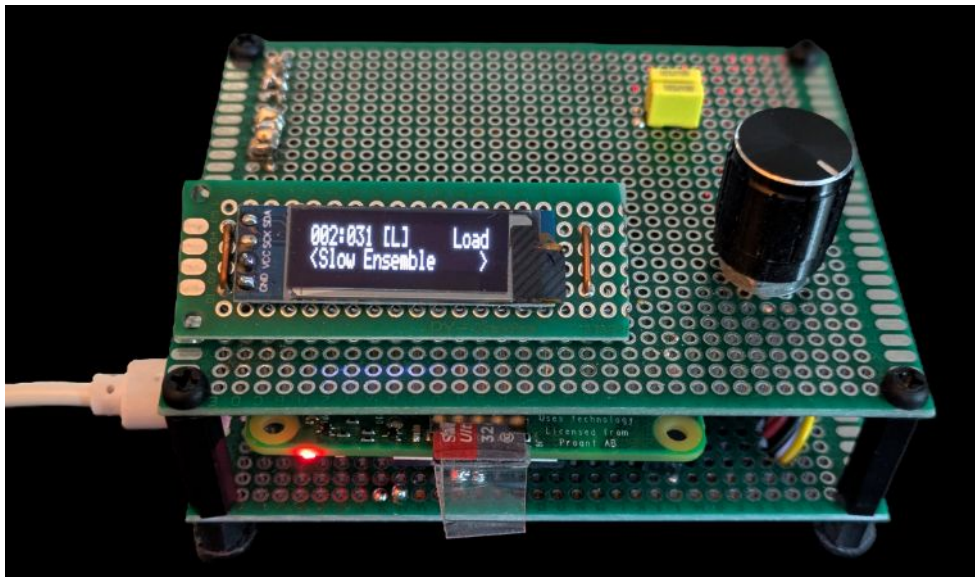


mini Dexed

Quick Start Guide

From Raspberry Pi 2 up, with Encoder and Display

Version vom 27.04.2025



First Things First

So you just finished assembling your miniDexed?
Your soldering blisters have been medically treated, sweet sounds are coming from the DAC, and your display and encoder are alive and kicking?

Power up your miniDexed and set your MIDI keyboard to MIDI Channel 1.

The top-level menu displays

TG1 – TG2 – TG3 – TG4 – TG5 – TG6 – TG7 – TG8 – Effects – Master Volume – Performance

TG stands for Tone Generator, corresponding to a TF module of a Yamaha TX816 — effectively, each TG represents one instance of Dexed.

The arrows < > on the second display line indicate whether a menu point or a parameter can be accessed by turning the encoder left or right.

The Mighty Encoder

With the encoder, you control everything:

- **Turn the encoder:** Move sideways through the menu or tweak a parameter.
- **Short press:** Dive one level deeper into the menu.
- **Long press:** Jump one level up.
- **Double-click:** Don't panic - that's the Home function! Return to the top-level menu at "TG1".

Master Volume

By turning the encoder left or right, you scroll through the top-level menu items.

- Rotate the encoder to scroll through the top-level menu until you reach **Master Volume**.
- Press the encoder once to select it.
- The first line of the display will show "Master Volume"; the second line will display a volume bar.
- Rotate the encoder to adjust the output volume.
- Long-press the encoder to return to the previous menu level.

Performance

What is a Performance?


A Performance saves *all* settings for the eight Tone Generators:

Voice – Volume - MIDI channel - Reverb Send – Pan – Detune – and much more!

The provided Performances are configured for single-player operation, meaning sounds are layered and split, and accessible via MIDI Channel 1.

Loading a Performance

- At the top-level menu, rotate the encoder to select **Performance**.
- Press the encoder once: the display will show "Performance" and "Load".
- Press the encoder again to access the Performance selection.
- Rotate to select a Performance and press to load it.

 **Keep on rockin'!**

Performance Banks

miniDexed organizes Performances into **Banks**.

Each Bank can hold up to 128 Performances.

In the menu under Performance → Bank, you can load different Banks.

Multitimbral Operation

The Performance "**MultiTimbral**" in Bank **128_Laboratory** is a perfect place to start if you want to fire different DX7 sounds from a sequencer.

The channel mapping is as follows:

- TG1 → MIDI Channel 1
- TG2 → MIDI Channel 2
- ...
- TG8 → MIDI Channel 8

Settings for each Tone Generator (TG1–TG8) can be adjusted individually in their respective menus.

Menu Overview

An overview of the top two menu levels, there are many more! 🤔

Top Menu Level

<TG1 – TG2 – TG3 – TG4 – TG5 – TG6 – TG7 – TG8 – Effects – Master Volume – Performance>

Second Level under TG1 – TG8

TG1 – TG2 – TG3 – TG4 – TG5 – TG6 – TG7 – TG8



Voice – Bank – Volume – Pan - Reverb-Send – Detune – Cutoff – Resonance – Pitch Bend –
Portamento – Poly/Mono – Modulation – Channel – Edit Voice

Second Level under Effects

Effects



Compress - Reverb

Second Level under Master Volume

Master Volume



<              >

Second Level under Performance

Performance



Load – Save – Delete – Bank – PCCH

A quick Tip

You want your miniDexed to always boot straight into your favorite sound?
Maybe a piano? Maybe lush strings?

Here's how:

- Load the Performance you want.
- Go to the menu: **Performance** → **Save** → **Save as default**.
- Done! Your miniDexed will now automatically load your chosen Performance every time you power it on.

Notes

For everything else, check out the [miniDexed Wiki!](#)

And if you get stuck or have questions:

👉 The [miniDexed Discussions](#) are there to help you!