



# DT-812

User's Manual version V1.0

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## Document revisions

Date	Version	Change
20-11-2025	R1.1	Initial document

## 1 Setup

### Intended use

The DTronics DT-81Z is a custom-tailored hardware desktop-controller for the classic FM-synthesizers TX81Z, DX100, DX21 and DX27 by Yamaha. It comes in a sturdy desktop format. It offers a vast amount of dedicated controls to allow for hands-on-control of these instruments via MIDI. To be precise: 37 trim pots and 17 back-lit switches allow for immediate control over the parameters of the TX81z and compatible synthesizers. Connection is via the included MIDI-cable while power is supplied via USB-C (cable included). Bring new life these synthesizers on stage and in your studio!

The DT-81Z is intended to create new sounds for your synthesizer.

The DT-81Z has a hardware controlled MIDI merger. This makes it possible to play your connected synth over MIDI when the DT-81Z is attached in a reliable way.

### What is included

Please ensure that your DT-81Z includes the following:

- DT-81Z Programmer
- USB cable

## Installation

Connecting the DT81Z to your TX81z is easy. Connect the MIDI OUT of the DT81Z to the MIDI IN of the TX81z.

Connect the MIDI OUT of your keyboard to the MIDI IN of the DT81z controller.

Power the DT81Z by connecting the USB-C cable to a power supply

## **2 Operation**

### **Powering On & Off**

Powering on or off the DT81Z by pressing the power button located at the back of the DT81Z will automatically wake up or put the programmer to sleep.

### **Midi Setting**

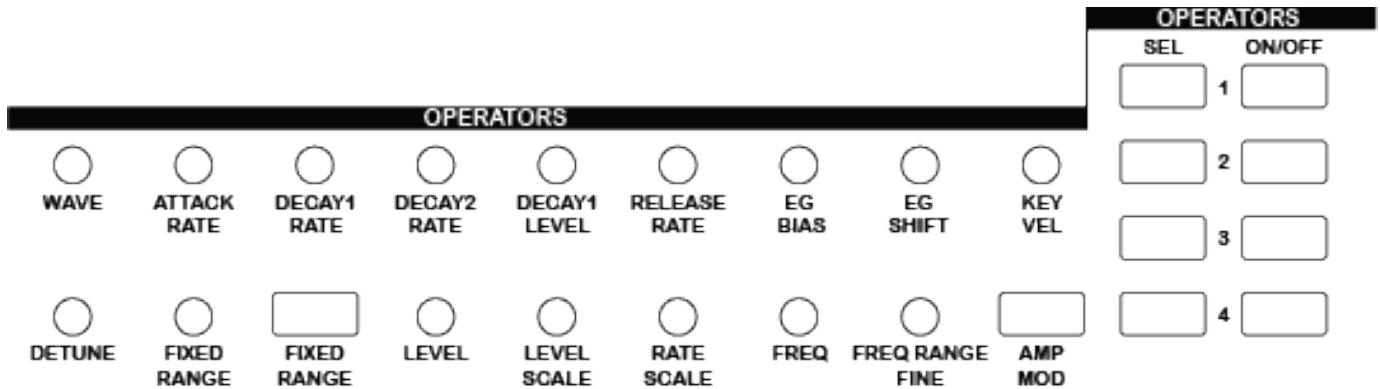
By default the midi channel is set to 1.

### **Firmware Version**

The INIT button lights up for approximately 2 seconds and then turns off. After that, the INIT button flashes the firmware version number. For example:

1 flash - pause - 2 flashes indicates version 1.2.

## 3 Operator Section



### Operator Select

Use the 4 OP SEL (Operator Select) buttons to select any of the 4 operators. Up to 4 operators can be selected at the same time. Now all knobs of the operator section will affect to the selected operators.

### Operator On/Off

Press the OP ON/OFF buttons to turn any operator On or Off.

## 4 Product pictures





Power consumption: +/- 1W (DC 5V)

Weight: 661 g

Dimensions: 278(W) x 163(D) x 40(H) mm