# DT-200

User's Manual  FW version V1.2

**DTRONICS**

**Index**

## Document revisions

| Date | Version | Change |
|------|---------|--------|
| 23-10-2019 | R1.0 | Initial document |
| 25-10-2019 | R1.1 | Changes dimensions and weight and some typos |
| 20-09-2021 | R1.2 | Added info about manual button |

# 1   Setup

**Intended use**

The DT-200 is intended to create new sounds for your synthesizer.
The DT-200 v3 is a programmer for the JX-3P and the MKS-30 but will also work with Roland's GR-700 Guitar Synth.

**What is included**

Please ensure that your DT-200 includes the following:

- DT-200 Programmer (in the second box)
- Din 6P Male-Male MIDI Cable (in the main box)

## Installation

Installation of the programmer onto the synthesizer is simple and requires no tools. .

1. Make sure that the JX-3P is turned off
2. Connect the DIN jack on the programmer and the Programmer Input jack on the rear panel of the JX-3P with the DIN cord (6p)
3. Set the Ext. Selection switch on the rear panel of the JX-3P to the Programmer position.
4. Turn the JX-3P on. The JX-3P supplies power to the DT200
5. When the DT200 is turned on, the Red LEDs will go on and off, showing everything is ok.

The DT200 has no sound source itself, therefore no sound is obtained unless connected to the JX-3P.

# 2 Operation

## Powering On & Off

When you power the synthesizer on or off, the programmer will automatically wake up or go to sleep. No action is required to turn the programmer on or off.

## Flashing LEDS

If the red VCA-MODE LED and MANUAL LED both flash, there is no communication with the synthesizer, this can be a defective cable or defective synthesizer.

## Using the WRITE function

A WRITE button is not present on the DT200. To write patches to memory, use the WRITE button on the synthesizer.

## Manual button

When Pressing the manual button , all current parameter settings (current potmeter and switch positions) will be send to the synthesizer.  This can result in strange or no sound at all.

When designing a sound from scratch, push the manual button first, before changing parameters. In this case you can be sure that all Potmeter and switch settings on the dt200 are representative for the sound.

# 3  Panel description
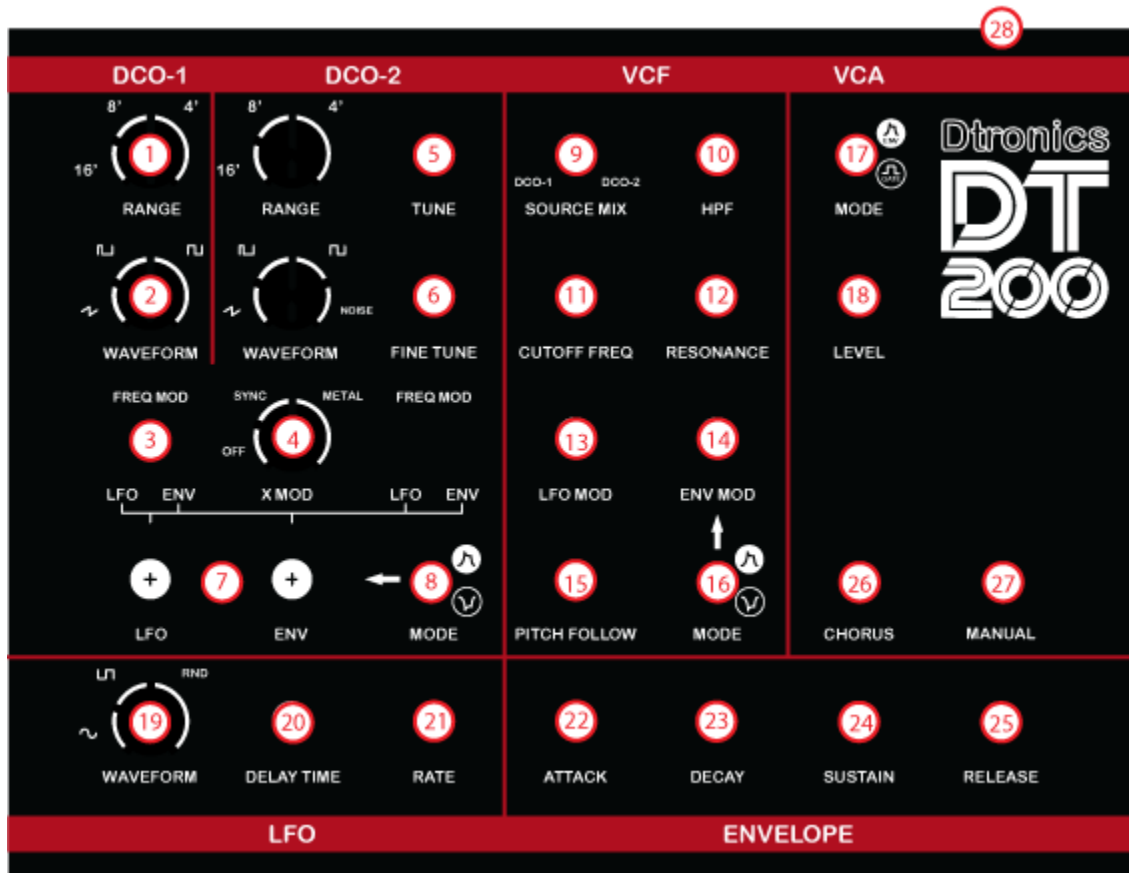


1. Range
2. Wave form
3. Frequency modulation LFO /ENV button
4. Cross modulation Tune
5. Fine Tune
6. LFO Depth / ENV Depth
7. LFO Depth / ENV Depth
8. Polarity button
9. Source mix
10. HPF Cutoff Frequentie
11. Cutoff Frequency
12. Resonance
13. LFO Modulation
14. ENV Modulation
15. Pitch follow
16. Polarity button
17. VCA Mode
18. VCA Level
19. LFO Waveform
20. Delay Time
21. Rate
22. Attack Time
23. Decay Time
24. Sustain level
25. Release Time
26. Chorus button
27. Manual Button
28. DIN jack

# 4 Specifications

## [Programmer DT-200v3]

**DCO-1**
Range (4' , 8' , 16')
Waveform ( 〜, ⊓⊔, ⊓⊔ )
Frequency Modulation (LFO, ENV)

**DCO-2**
Range (4' , 8' , 16')
Waveform ( 〜, ⊓⊔, ⊓⊔ )
Tune (Approx. +/- 1200 cent)
Fine Tune (Approx. +/- 50 cent)
Frequency Modulation (LFO, ENV)
Cross Modulation (Sync, Metal)
Modulation Sens (LFO, ENV)

**VCF**
Source mix
  HPF   Cutoff Frequency
  LPH   Cutoff Frequency
          Resonance
          ENV Modulation
          Polarity
          LFO Modulation
          Pitch Follow

**VCA**
Mode (ENV, Gate)
Level

**ENV**
Attack Time
Decay Time
Sustain Level
Release Time

**LFO**
Waveform ( Random)
Delay Time
Rate

**Chorus**
Chorus button(ON / OFF)

**Function buttons**
Manual button

**DIN**
jack DIN6P

**Dimensions**
200(W) 150(D) x 50(H)mm

**Weight**
 0.61 kg

**Accessories**
DIN cord (DIN6P)

Specifications are subject to changes without notice