



DT-01

User's Manual

INTRODUCTION

The DT-01 is a programmer specially designed for the D-50, D-550 and D-05. Using the Programmer, a sound on the D-50 can be much more easily and quickly edited or even synthesized from scratch. The MIDI Exclusive messages (specific messages used by individual manufacturer) sent from the DT-01 does the editing and synthesizing.

Therefore, the DT-01 cannot control the synthesizers other than the D-50 , D-550 and D-05.

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Document revisions

Date	Version	Change
12-01-2019	R10	Initial document

1 SETUP

Intended use

The DT-01 is intended to create new sounds for your synthesizer, It is possible to play your D50 over midi when the DT-01 is attached. However this is not recommended and can result in unreliable data or 'sticky notes'

Box content

Please ensure that your DT-01 includes the following:

- DT-01 Programmer
- Din Male-Male MIDI Cable
- USB power cable

MIDI Connections IN / OUT / THRU

The messages fed into the MIDI IN of the DT-01 is mixed with the sound editing messages created in the DT-01, and the mixed message is sent through MIDI OUT. The MIDI THRU sends out the exact copy of the messages fed into MIDI IN,

2 OPERATION

POWER UP

- ▶ Turn the D-50 on first, then the DT-01.

The Common Parameter of the Tone(s) whose indicator is lit can be edited. Each time the button is pushed, the indicator alternately comes on and goes out.

PREPARATION

- ▶ Before using the DT-01, take the following 2 steps

Step 1 – set MIDI channel

Set the D-50's basic channel to the same number as the MIDI channel of the DT-01.

The DT-01 defaults to channel number 1 at power up.

The DT-01 MIDI channel can be changed to other number than 1. Hold MIDI Channel button and press the channel button you want.

For channel 1 to 10: press buttons 1 to 10

For channel 12: press button 10 and then button 2

(See Figure 1)

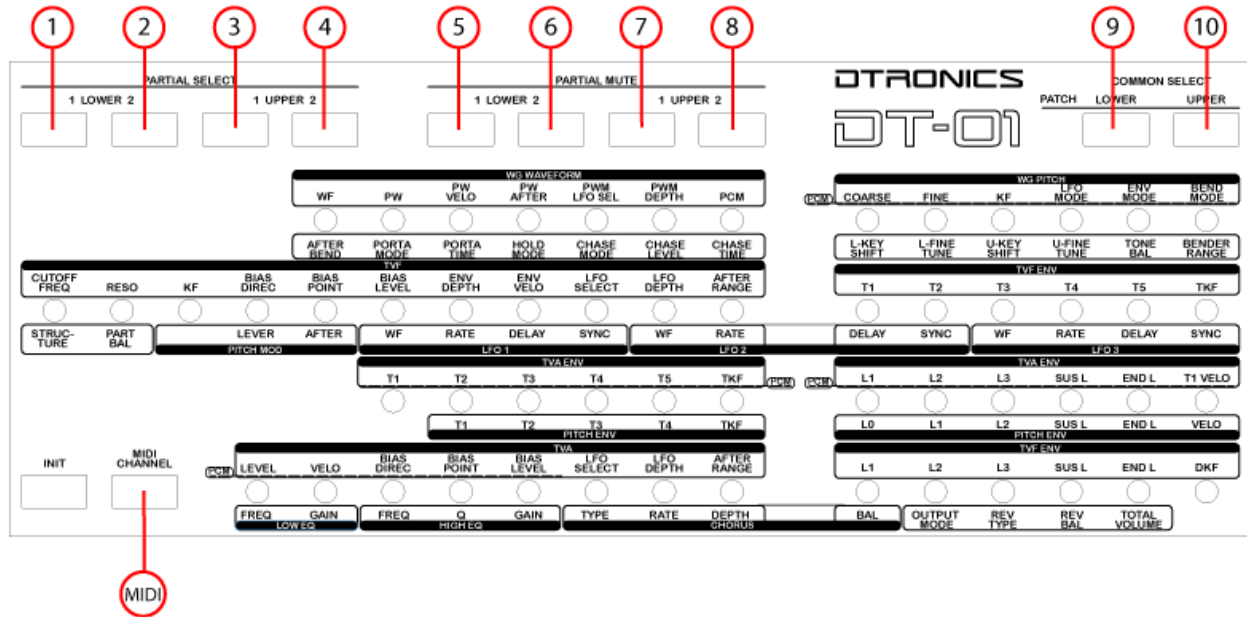


Figure 1: MIDI channel selection

Step 2 – Set Exclusive MIDI Function

Set the Exclusive (MIDI Function) of the D-50 to ON.
(Follow the explanation in the D-50's owner's manual.)

INIT button

► Pressing the INIT button will transmit an init patch to the D-50, this will make it easier to start a sound from scratch.

BASIC OPERATION

► The edited data is not automatically written into memory, therefore will be erased when a different Patch is selected on the D-50 or the unit is turned off. If you wish to retain the edited data, take the appropriate writing procedure on the D-50.

Editing Common Parameters

▶ Select the Tone (Upper, Lower or both Tones) whose Common Parameters to be edited.

When the both indicators are lit, the Common Parameters of both Upper and Lower Tones can be edited.

When neither indicator is lit, Common Parameters cannot be edited.

** If either of the indicator is lit, Patch Factors can be edited.*

Editing Partial Parameters

▶ With the Partial Selector Button, select the Partial whose parameters are to be edited.

Partial Mute

▶ Any of the Partials can be muted.

select the Partials to be muted by pushing the relevant Partial Selector Buttons.

The Parameters of the Partials whose indicators are lit can be edited.

Each time the button is pushed, the indicator alternately comes on and goes out.

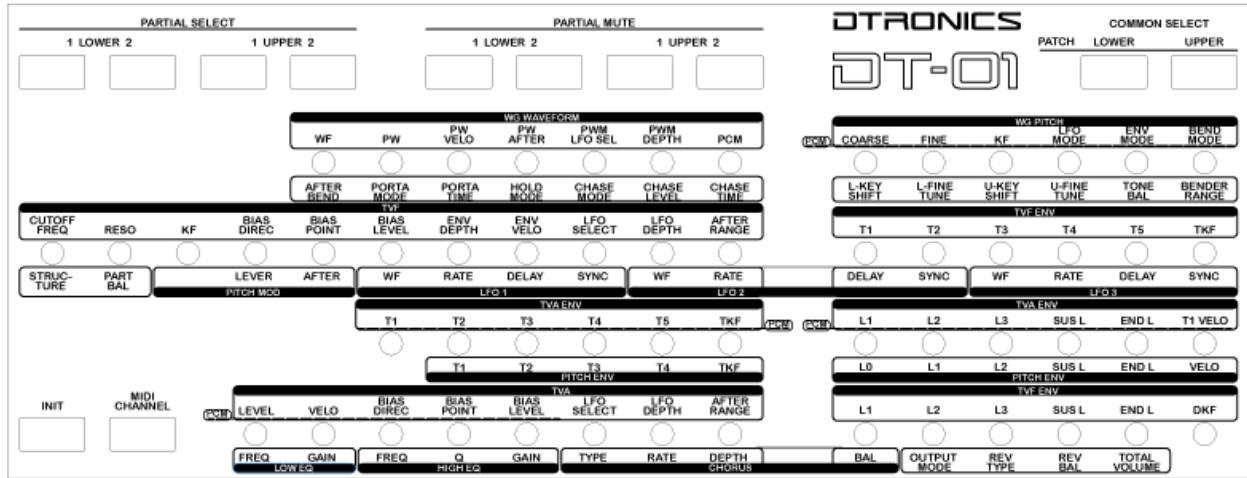
When more than one indicator is lit, that many Partials can be edited.

The Partial Selector Buttons of the selected Partials go out and the sounds are muted.

The Partial Mute setting is erased when the unit is turned off.

* Partial Mute you have set here will be automatically written into the D-50's memory by taking writing procedure on the D-50.

3 SPECIFICATIONS



Front Panel

Edit Knob x 56

MIDI Channel Button

Common Selector Button x 2

Partial Selector Button x 4

Partial Mute Button x 4

Init Button



Rear Panel

USB power input

USB power output (e.g. to power the D-05)

MIDI IN Connector

MIDI OUT Connector

Consumption: 100mA (DC 5V)

Weight: 0.620kg

Dimensions: 300(W) x 123(D) x 57(H) mm/

Accessories

MIDI/Sync Cable x 1

USB power cable