

# **Dreadbox Erebus V3 Ctrlr panel documentation and instructions**

V1.0-2019-09-22







# Introduction

Hi! Thanks for having purchased this Ctrlr Dreadbox Erebus V3 panel!

As you know, the Erebus (as the Nyx) are synths to be played and tweaked rather being used more statically. They don't have presets but it is always nice to keep a track of the settings used for a nice sound and it is even nicer to have a track on the ways of using a particular sound.

Therefore, you will have the possibility to map your settings but also to indicate step by step how to use your patch (up to 15 steps). Should this not be enough, you can also automatically listen to a wav file associated to your patch.

The panel is a pure patch mapper as the Dreadbox Erebus V3 does not support the load/save of programs or the manipulation of its program parameters by Midi NRPN/CC/Sysex messages.

It will support you in saving and retrieving Erebus V3 patches on your PC but gives you also the possibility to exchange them with other users as they are stored as sysex files.

The look and feel philosophy has been respected as much as possible.

Of course it would also be stupid to not benefit of the computer possibilities. Therefore, you also get a display of the current parameters value, a graphic display of the envelopes, the ability to store and indicate the input/output patches, etc...

Despite careful testing it is possible that some bugs remain. Please contact <a href="mailto:sunny.synths@gmail.com">sunny.synths@gmail.com</a> if you find one so they can be corrected as soon as possible.

In the same spirit, contact <a href="mailto:sunny.synths@gmail.com">sunny.synths@gmail.com</a> as well if you would like some enhancement on the panel.

By that, please have a look on this manual to have an idea of the way of using it and its features. Enjoy making music with your Erebus V3 and have fun!

**Sunny Synths** 

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# **Installation and features**

# **Installation of the Ctrlr panel**

The panel is provided as a compressed .zip file containing:

- the Dreadbox Erebus V3 panel as an .exe file on Windows PC
- the Dreadbox Erebus V3 panel as an .app file on Mac OS (zip folder to be uncompressed)
- this manual as PDF
- a folder containing some presets and wav files found on internet

Decompress the zip file anywhere on your PC then launch the **Dreadbox Erebus V3 v10** program. The file may be scanned by your antivirus program (Avast on my computer) and should return no issue. If any, they are false and probably due to the fact that the program is not officially referenced.

The program will directly display the Ctrlr window with the Erebus V3 panel displaying its main tab.





The panel will most probably not be responding after the initial installation. Simply close the program and restart it to solve the issue.

#### **Features**

#### You will find the following features in the Dreadbox Erebus V3 panel:

- Dreadbox Erebus V3 interface with similar way of working as actual synthesizer.
- Top row of support "screens" with old look
- Visual feedback by using "LED" ring buttons and indication of the value (on change or on click)
- Envelopes graphs handled by mouse or classical ADSR rotary encoders
- Load / Save programs from individual .syx files
- Easy program renaming
- Display and export of program parameters as text file
- Ability to describe 9 input/output colored patch cables with different sources/destinations

- Programs have a name, author, save date and description. They can be associated to a category
- Browser of the files on the disk
- Patch sheet tab with patch sheet for Erebus V3 and other gear (external synths/sequencers)
- Automatic reading of wav files associated to a patch
- Manual/Automatic reading of any wav file

# Way of working

As you will discover by yourself, the usage of the panel is straightforward but there are anyway different specific things you should know... ©

# Using the buttons and modifying parameters

You modify parameters using rotary encoders by clicking on the button then moving the mouse cursor vertically up or down.



You can also modify any rotary encoder based parameter by hovering the mouse on the button then using the mouse scroll wheel.

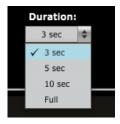
Switches are handled by clicking on them. They will take successive positions as actual switches.



Momentary push buttons are activated by simply clicking on them (what a surprise...). They will momentary flash.



Parameters presented as pulldowns are modified by opening the pulldown and selecting one of the pull-down items.



## Quick reset to default value

Most of the rotary encoders have default values set and you can quickly revert to this preset default value by double-clicking on the button. This is also applicable for the sliders as the Osc Mix.

# Opening and closing the panel

When closing the panel (either by using **File – Quit** or by clicking on the upper right red cross) the file of the last program loaded or saved is stored.

When opening the panel, it is checked if the last file used still exists (could have been renamed or moved or deleted). If not found, the Init program is loaded (in the same way as when loading the panel for the first time. If found, it is restored so you can continue your work where you left it.





The same is done with the root folder of the File browser (see Library and Info tab on p20).

# Top panel area



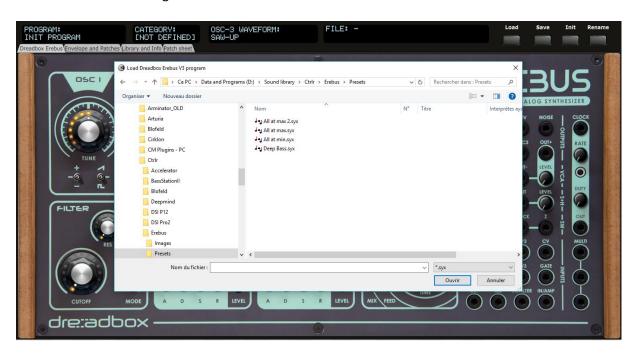
In the top panel area you find 4 feedback "screens", 4 buttons and 4 tabs:

- The first screen displays the name of the current program
- The second screen displays the **category** of the current program
- The third one indicates the parameter currently modified and its value
- The fourth one displays the latest sysex file loaded, its author and the save date
- The Load button allows loading a sysex file from disk
- The Save button saves the current program to a sysex file on disk
- The Init button reset all parameters to a Basic program
- The Rename button allows renaming the current program
- The **Dreadbox Erebus V3** tab displays the synth main panel
- The Envelopes and Patches tab displays the envelopes as graphs, allows the registration of 9 different input/output patches, the identification of two external synths and allows modifying the Category, the Author and the Description of the current program. It is also there that you will find the step by step usage of a patch.
- The Library and Info tab provides the file browser that allows the selection of sysex files or the
  ability to listen to wav files, the display and the export of the parameters of the current program
  as text file and gives About info of the panel. It is also here that you will find the manual panel
  zoom that is memorized.
- The Patch sheet tab displays automatically the Dreadbox Erebus V3 patch sheet with all
  parameter values (as in the manual) but with the addition of author, date, external synths names
  and 12 external input/output connections

# Loading a Dreadbox Erebus V3 program

The panel loads and saves the program parameters as a 1500 bytes sysex file (.syx) from/to your computer.

Clicking the **Load** button opens a classical Open file dialog where you can select the file to load. An internal check is done to verify that the file is compatible with the Dreadbox Erebus V3 panel. The parameters are loaded, the top screen is showing the name of the file, the author and the saved date and a confirmation dialog is shown.





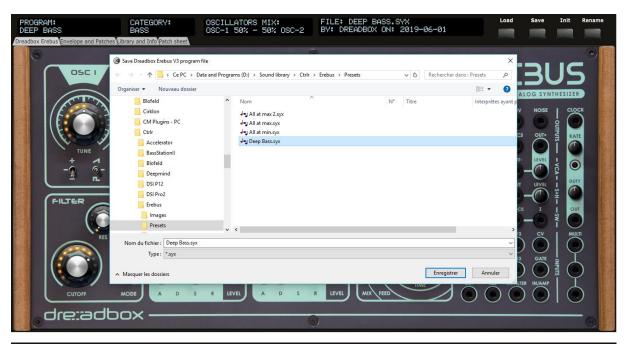
# Saving a Dreadbox Erebus V3 program

The panel loads and saves the program parameters as a 1500 bytes sysex file (.syx) from/to your computer.

Clicking the **Save** button opens a classical Save file dialog where you can enter the name of the file to save. At this stage it is needed to select an existing file if you want to overwrite it. In that case, you will get a confirmation message.

Once the parameters are saved, the top of the screen displays the name of the file, the author (as set in the *Envelopes and Patches* tab) and the saved date (thus, the current date) in ISO format *yyyy-mm-dd*. A confirmation dialog is also shown.

The panel stays on the current tab after a Save is done.





# **Program Init**

Clicking the **Init** button loads the parameters for a Basic program that has the following characteristics:

- All parameters at 0 or OFF except
  - OSC Mix: 50%-50%
  - Osc1, Osc2 and Osc3 Tune = 0 semitones
  - Osc3 Fine = 0 semitones





# **Program Rename**

Clicking the **Rename** button opens a popup window where you can modify the name of the program. The name should be maximum 20 characters long (will be truncated if longer).



Please note that the program name can (of course) be different than the file name the program is saved in.

### **Dreadbox Erebus V3 tab**

In the **Dreadbox Erebus V3** tab, you have access to the same parameters as on the actual synthesizer.

Please refer to the Dreadbox Erebus V3 user manual (<a href="https://www.dreadbox-fx.com/erebus3/">https://www.dreadbox-fx.com/erebus3/</a>) for the explanations of each encoder/button.



The third top screen is showing the name and the value of the parameter you are modifying.

Doing a single click on any rotary encoder is displaying its name and current value **without that you need to modify it**.

Clicking on a slider position is directly moving the slider to that position.

Modifying the ADSR encoders of the envelopes is setting identical encoders/buttons in the Envelopes and Patches tab and adapting the corresponding envelope graph accordingly.

# **Envelopes and Patches tab**

# In the **Envelopes and Patches** tab, you can:

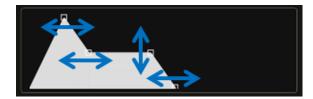
- adjust the envelopes either with encoders or by moving the anchors of the graphs
- set/indicate up to 9 from/to patches
- adapt the name of the external synths that could be connected to your Erebus
- adapt the current program category, author and description (click on the current description to edit it)
- manage the step by step usage description



#### **Envelope shapes**

You can modify the envelope shape by either turning the ADSR encoders or by using the mouse and moving the anchors on the graphs either vertically or horizontally.

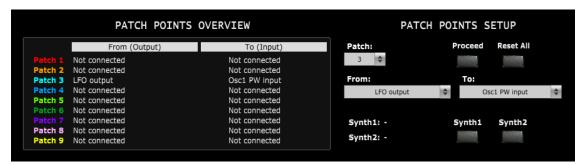




When moving the anchors, the corresponding ADSR encoders will also turn and the parameter name and value will be displayed in the screen of the top panel area.

## **Patch points**

You modify the from/to patches as follows:

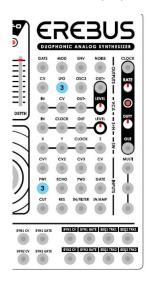


Clicking anywhere on a patch line (label, input, output, blank space) will select the patch to be modified and display its values in the pull-downs. You modify the "From" source and/or "To" destination and press the Proceed button to make the change.

You can also directly select a patch in the Patch pull-down then modify the From/To and press Proceed.

Patches are numbered 1 to 9 and have a color assigned to them. When a from/to patch is set in the **Envelopes and Patches** tab, corresponding patch cables are displayed on the main Neutron tab and corresponding colored numbered circles are displayed on the patch sheet.





Numbered circles are used to help colorblind people.

Available "From" sources are the output patch points of the synthesizer plus a few additional external ones: "Not connected", "Gate output", "Mod Wheel Out", "Filter Envelope Out", "Noise output", "CV output", "LFO output", "Osc3 output", "Clock output", "VCA Plus output", "VCA Min output", "S&H output", "Patch X as output", "Patch Y as output", "Patch Z as output ", "Synth1 CV output", "Synth2 CV output", "Synth1 Gate output", "Synth2 Gate output", "Sequencer1 track 1", "Sequencer1 track 2", "Sequencer2 track 1", "Sequencer2 track 2"

**Available "To" destinations** are the input patch points of the synthesizer plus a few additional external ones: "Not connected", "Osc1 CV input", "Osc2 CV input", "Osc3 CV input", "CV All OSC input", "Osc1 PW input", "Echo input", "Osc3 PW input", "Gate input", "Cutoff input", "Resonance

input", "In/Filter input", "In/Amp input", "Clock Rate input", "VCA input", "VCA CV input", "S&H input", "S&H Clock input", "SW Clock input", "Mult1 input", "Mult2 input", "Mult3 input", "Patch X as input", "Patch Y as input", "Patch Z as input", "Synth1 CV input", "Synth2 CV input", "Synth1 Gate input", "Synth2 Gate input"

## **Current Program**

Clicking the **Author** button opens a popup window where you can modify the name of the author of the patch. The name should be maximum 15 characters long (will be truncated if longer). If you leave the Author name empty then a "?" is displayed.

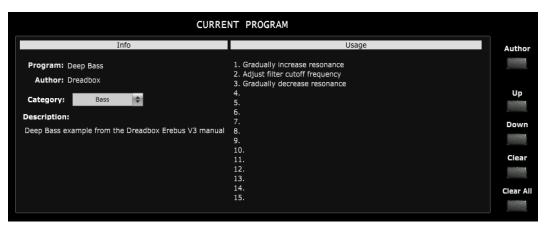


Clicking the **Synth1** button opens a popup window where you can modify the name of a synth connected to your Neutron. The name should be maximum 11 characters long (will be truncated if longer). If you leave the Synth1 name empty then a "-" is displayed.

Clicking the **Synth2** button opens a popup window where you can modify the name of a second synth connected to your Neutron. The name should be maximum 11 characters long (will be truncated if longer). If you leave the Synth2 name empty then a "-" is displayed.

### **Usage steps**

You can manage describe the usage of the program by using up to 15 usage steps. For example: gradually increase resonance; increase echo time; increase amp release; decrease cutoff... The idea is to be able to illustrate the usage of your sound in a more live environment.



The actions to use the usage steps are:

- double-click on a step line to input or modify a step
- Use Up and Down buttons to move a step around
- Use Clear or the Delete key to erase a step
- Use Clear all to erase all steps

# **Library and Info tab**

In the **Library and Info** tab, you have access to:

- a file browser that gives you directly information about the clicked file without having to load it
- the settings when playing a wav file
- an About screen giving you information about the panel version and the history of changes
- the Panel zoom buttons keeping the zoom factor in memory till next usage of the panel
- the display of all program parameters as a text file with the possibility to export it



#### File browser

The **File browser** allows you to navigate on your disk and browse through presets and wav files. It works as follows:

- Click on any file to display some info (name, category, author, saved date, description) about it in
  the Quick info window. If you click on a non-Erebus or .wav file then it will be indicated. When
  Auto Play is activated, clicking on a .wav file will play it automatically for the chosen duration and
  clicking on an Erebus .syx file will make the corresponding .wav file play automatically as well (if a
  wav file with the same name as the Erebus .syx file is found)
- Double-click on a file to load it (Erebus .syx file) or play it (.wav file) directly. A popup will be displayed if you do this on a not recognized file type
- Use the **Set Root** button to select the folder where your presets are (at this stage, the patch saver doesn't remember the location after you quit it). Note that you must at least have one file in the selected directory in order to have **Set Root** functioning.



Sometimes the Set Root doesn't work (displays nothing or stays on the currently selected root directory). I have still not found the reason (thought it was due to no file being present in the folder; only subfolders but seems not to be always the case).

Temporary workaround: just select one level higher. Sorry...

 Use the Refresh button to refresh the list after having saved several files or added files outside the patch save

- Use the Load button to load the selected file and display its parameters
- Use the Play button to manually start playing a .wav file

### Wav file play settings

Wav files will be played for the duration set in the **Duration** pulldown (3s, 5s, 10s or Full).

Activating **Auto Play** will automatically trigger the play of the .wav files OR trigger playing the .wav file corresponding to the clicked Erebus .syx file (if found). If there is no corresponding .wav file then nothing happens.

#### Panel zoom

The panel can be zoomed by using the Ctrl + or Ctrl – keys combinations. This is also available from the **View** menu.

Using that method is incrementing/decrementing the zoom factor by 10% steps but the main issue (for some users) is that the zoom factor is not memorized and thus at next usage the zoom is back at 100%.

This is the reason of the implementation of this "manual" zoom. Modifying the zoom factor using those buttons is changing the zoom by 5% steps and will make it keep the zoom factor for next usage.

If you are still modifying the zoom using the View menu or the Ctrlr + / Ctrlr – keys, no worries! The "manual" zoom is reading the current zoom factor on the panel each time one of the main top panel button is used (Load, Save, Init, Rename).

## **Display and Export info**

On the right side of the panel, you have access to Program parameters:

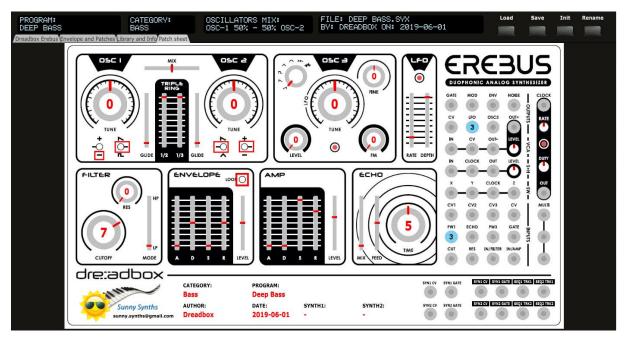
- Use the **Display** button to list the parameters of the current program
- Use the Export button to export as a .txt file the parameters of the current program (it is not needed to first display them before exporting)



## Patch sheet tab

In the **Patch sheet** tab, you have access to:

- A one shot view of the values of all parameters, patch cable connections and program info



The content of this tab is adapted automatically. Directly ready for a screenshot!

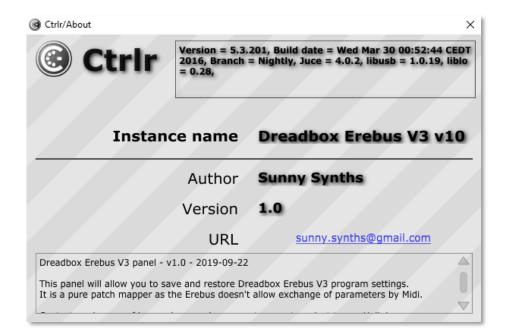
# The main Ctrlr menus



Actually, not so much is used from the Ctrlr menus...

## What you can use is:

- File menu: Quit is the only option
- View menu: allows zooming the panel in and out by 10% steps
- Midi menu: not used as the Erebus is not transmitting CC, NRPN or Sysex
- Tools menu: not used as the Erebus is not transmitting CC, NRPN or Sysex
- Help menu: displays the About info of the panel



# **Appendix**

# **Version history**

Date	Version	Description	Ву	
2019-09-22	1.0	First version of this manual	Sunny Synths	

# **Neutron information**

The Dreadbox Erebus V3 product page: <a href="https://www.dreadbox-fx.com/erebus3/">https://www.dreadbox-fx.com/erebus3/</a>

# **Sysex file documentation**

Here is the documentation of the sysex file used to store the parameters. It is 1500 bytes long.

-- // Dreadbox Erebus V3 - Sound data sysex structure - Size=1500 bytes v1.0 // -- Offset is what is displayed with HxD Hexadecimal analyser -- getByte() is also using the Offset to retrieve Bytes from sysex dump -- This is just a structure used to save the data on the computer -- Nothing official or unofficial from Dreadbox, just a decision made by me ;-) -- This data is not transferred by Midi -40 = 28--100 = 64-- 127 = 7F Offset | Byte content 0000 F0 Sysex start 0001-03 00 21 35 Dreadbox ID 0004 03 Erebus v3 (not existing, my choice) --0005 01 Sound data 0006-07 00-48 Osc1-2 Tune (-12 to + 12 semitones in 0.5 steps) 0008 Osc3 Tune (-12 to + 12 semitones in 0.5 steps) --00-48 Osc1-2 Waveform 0009-10 00-03 Osc3 Waveform 0011 00-06 0012-13 Osc1-2 Octave --00-03 0014-15 00-28 Osc1-2 Glide (slider 0 to 8 in 0.2 increments) 0016 00-28 0017 --00-48 Osc3 Fine (-12 to + 12 semitones in 0.5 steps) 0018 00-64 Osc3 FM 0019 00-64 Osc3 Mix --0020-21 00-28 Triple Ring (1->2, 1->3) (slider 0 to 8 in 0.2 inc) 0022 00-28 LFO Rate (slider 0 to 8 in 0.2 increments) 0023 00-28 LFO Depth (slider 0 to 8 in 0.2 increments) Filter Cutoff --0024 00-64 0025 00-64 Filter Resonance 0026 00-28 Filter Mode (LP - Notch - HP) --0027 00-28 Envelope Attack (slider 0 to 8 in 0.2 increments) 0028 00-28 Envelope Decay (slider 0 to 8 in 0.2 increments)

0029

0030

0031

0032

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00-28

00-28

00-28

00-01

Envelope Sustain (slider 0 to 8 in 0.2 increments)

Envelope Release (slider 0 to 8 in 0.2 increments)

Envelope Level (slider 0 to 8 in 0.2 increments)

Envelope Loop (01 is OFF)

0038    00-28    Echo Mix (slider 0 to 8 in 0.2 increments) 0039    00-28    Echo Feed (slider 0 to 8 in 0.2 increments) 0040    00-64    Echo Time 0041    00-64    VCA Out Level 0042    00-64    SH Out Level 0043    00-64    Clock Rate 0044    00-64    Clock Duty 0045-49    Not used 0050-58    Patch source (1-9) 0068-87    Name (20 characters) 0088    00-10    Category 0089-588    Description (500 characters) 0089-588    Description (500 characters) 0604-613    Date (10 characters for ISO date yyyy-mm-dd) 0614-624    Synth1 (11 characters) 0625-635    Synth2 (11 characters) 0636-685    Usage line 1 0636-85    Usage line 2 0736-785    Usage line 3 0736-785    Usage line 5 0886-935    Usage line 6 0936-985    Usage line 7 0986-1035    Usage line 7 0986-1035    Usage line 9 1086-1135    Usage line 1 1136-1125    Usage line 11 1136-1235    Usage line 13 1236-1285    Usage line 13 1236-1285    Usage line 13 1236-1285    Usage line 13 1236-1335    Usage line 13 1236-1335    Usage line 13 1236-1335    Usage line 15			
0035	 0033	00-28	Amp Envelope Attack (slider 0 to 8 in 0.2 inc)
0036	 0034	00-28	Amp Envelope Decay (slider 0 to 8 in 0.2 inc)
0037   00-28	 0035	00-28	Amp Envelope Sustain (slider 0 to 8 in 0.2 inc)
0038    00-28    Echo Mix (slider 0 to 8 in 0.2 increments) 0039    00-28    Echo Feed (slider 0 to 8 in 0.2 increments) 0040    00-64    Echo Time 0041    00-64    VCA Out Level 0042    00-64    SH Out Level 0043    00-64    Clock Rate 0044    00-64    Clock Duty 0045-49    Not used 0050-58    Patch source (1-9) 0068-87    Name (20 characters) 0088    00-10    Category 0089-588    Description (500 characters) 0089-588    Description (500 characters) 0604-613    Date (10 characters for ISO date yyyy-mm-dd) 0614-624    Synth1 (11 characters) 0625-635    Synth2 (11 characters) 0636-685    Usage line 1 0636-85    Usage line 2 0736-785    Usage line 3 0736-785    Usage line 5 0886-935    Usage line 6 0936-985    Usage line 7 0986-1035    Usage line 7 0986-1035    Usage line 9 1086-1135    Usage line 1 1136-1135    Usage line 10 1136-1235    Usage line 13 1236-1285    Usage line 13 1236-1285    Usage line 13 1236-1285    Usage line 13 1236-1335    Usage line 13 1236-1335    Usage line 13 1236-1335    Usage line 15	 0036	00-28	Amp Envelope Release (slider 0 to 8 in 0.2 inc)
0039	 0037	00-28	Amp Envelope Level (slider 0 to 8 in 0.2 increments)
0040	 0038	00-28	Echo Mix (slider 0 to 8 in 0.2 increments)
0041	 0039	00-28	Echo Feed (slider 0 to 8 in 0.2 increments)
0042    00-64	 0040	00-64	Echo Time
0043   00-64   Clock Rate 0044   00-64   Clock Duty 0045-49   Not used 0050-58   Patch source (1-9) 0059-67   Patch destination (1-9) 0068-87   Name (20 characters) 0089-588   Description (500 characters) 0589-603   Author (15 characters) 0604-613   Date (10 characters for ISO date yyyy-mm-dd) 0614-624   Synth1 (11 characters) 0625-635   Usage line 1 0686-735   Usage line 2 0736-785   Usage line 4 0736-835   Usage line 5 0836-885   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1036-1135   Usage line 10 1136-1185   Usage line 12 1236-1285   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0041	00-64	VCA Out Level
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0050-58	 0044	00-64	Clock Duty
0059-67	 0045-49		Not used
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0088   00-10	 0059-67		Patch destination (1-9)
0089-588   Description (500 characters) 0589-603   Author (15 characters) 0604-613   Date (10 characters for ISO date yyyy-mm-dd) 0614-624   Synth1 (11 characters) 0625-635   Synth2 (11 characters) 0636-685   Usage line 1 0686-735   Usage line 2 0736-785   Usage line 3 0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0068-87		Name (20 characters)
0589-603   Author (15 characters) 0604-613   Date (10 characters for ISO date yyyy-mm-dd) 0614-624   Synth1 (11 characters) 0625-635   Synth2 (11 characters) 0636-685   Usage line 1 0686-735   Usage line 2 0736-785   Usage line 3 0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0088	00-10	Category
0604-613   Date (10 characters for ISO date yyyy-mm-dd) 0614-624   Synth1 (11 characters) 0625-635   Synth2 (11 characters) 0636-685   Usage line 1 0686-735   Usage line 2 0736-785   Usage line 3 0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0089-588		Description (500 characters)
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0636-685   Usage line 1 0686-735   Usage line 2 0736-785   Usage line 3 0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0614-624		Synth1 (11 characters)
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0736-785   Usage line 3 0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0636-685		Usage line 1
0786-835   Usage line 4 0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0686-735		Usage line 2
0836-885   Usage line 5 0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0736-785		Usage line 3
0886-935   Usage line 6 0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0786-835		Usage line 4
0936-985   Usage line 7 0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0836-885		Usage line 5
0986-1035   Usage line 8 1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0886-935		Usage line 6
1036-1085   Usage line 9 1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0936-985		Usage line 7
1086-1135   Usage line 10 1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 0986-1035		Usage line 8
1136-1185   Usage line 11 1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 1036-1085		Usage line 9
1186-1235   Usage line 12 1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 1086-1135		Usage line 10
1236-1285   Usage line 13 1286-1335   Usage line 14 1336-1385   Usage line 15	 1136-1185		Usage line 11
1286-1335   Usage line 14 1336-1385   Usage line 15	 1186-1235		Usage line 12
1336-1385   Usage line 15	 1236-1285		Usage line 13
·	 1286-1335		Usage line 14
	 1336-1385		Usage line 15
1386-1498   Not used	 1386-1498		Not used
1499   F7 End of sysex	 1499	F7	End of sysex

