

# MantaMate User Manual

---

*Snyderphonics*

Version 0.1, December 23, 2016



# Contents

<b>1</b>	<b>Nomenclature</b>	<b>1</b>
1.1	Modular Terminology . . . . .	1
1.2	User-Interface Terminology . . . . .	1
1.2.1	MantaMate . . . . .	1
1.2.2	Manta . . . . .	1
1.3	Abstract Terminology . . . . .	2
<b>2</b>	<b>Input/Output</b>	<b>3</b>
2.1	Non-Manta Host Devices . . . . .	3
2.2	Manta Host Device . . . . .	3
2.2.1	Pitch Mode . . . . .	3
2.2.2	Trigger Mode . . . . .	4



# Chapter 1

## Nomenclature

In order to avoid confusion due to ambiguous terminology, this chapter aims to explicitly define the language that will be used regarding the *MantaMate* as well as the pairing with the *Manta* throughout.

### 1.1 Modular Terminology

Considering the *MantaMate* exists in the Eurorack world, this manual assumes knowledge of general modular synthesizer principals and will use terms associated as one would expect.

### 1.2 User-Interface Terminology

This section defines the nomenclature that will be used to reference the user interface of the *MantaMate*. In other words, every physical button and input/output socket.

#### 1.2.1 *MantaMate*

- IO Blah blah, you plug stuff in and it do things
- Buttons Saving? Loading? Presets????

#### 1.2.2 *Manta*

- Hex Blah blah blah hexes are hexagonal
- Slider Blah blah blah the sliders are actually not tapered its just an optical illusion
- Buttons They do stuff!

### 1.3 Abstract Terminology

- Mode Blah blah, trigger vs. pitch
- Pattern Blah blah blah patterns and presets differ
- Preset Blah blah blah presets
- Composition Blah blah blah still needs to be implemented
- Preference Blah blah blah, in the menu

## Chapter 2

# Input/Output

The *MantaMate* features three 16-bit DACs and six 12-bit DACs. As such, if you are using a *Manta* host, the IO varies depending on the Mode the *Manta* is in. Throughout this chapter, the nine 1/8 inch outputs of the *MantaMate* will be referenced naturally as OUT 1 through OUT 9:

OUT 1	OUT 2	OUT 3
OUT 4	OUT 5	OUT 6
OUT 7	OUT 8	OUT 9

The one 1/8 inch input will always be a CLOCK IN, although some devices will not make use of a clock.

### 2.1 Non-Manta Host Devices

Using a non-Manta device is generally straightforward. In most cases, USB-MIDI devices and HID devices will work in a 'plug-and-play' fashion.

???	???	???
???	???	???
???	???	???

### 2.2 Manta Host Device

#### 2.2.1 Pitch Mode

Need to fill this stuff in :)

???	???	???
???	???	???
???	???	???

### 2.2.2 Trigger Mode

Need to fill this stuff in :)

???	???	???
???	???	???
???	???	???