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# **Vibratissimo Hardware and Protocol Documentation**

*Release 1.0.0*

**Apr 08, 2017**



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# CHAPTER 1

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## Contents

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### Bluetooth Details

#### Device Name

Vibratissimo

#### Service IDs

00001523-1212-efde-1523-785feabcd123

#### Characteristic IDs

Mode Setting Control (Write):

00001524-1212-efde-1523-785feabcd123

Motor Speed Control (Write):

00001526-1212-efde-1523-785feabcd123

Device Temperature (Read):

00001527-1212-efde-1523-785feabcd123

### Protocol

The control protocol for the Vibratissimo allows the user to:

- Set a pattern/mode
- Control motor speed (when using motor control pattern)
- Retrieve the temperature of the device

## Mode Selection

Mode selection is sent via writes to the mode selection characteristic. It is a 2 byte value, though it is currently unknown what the second byte represents.

Value of the first byte:

- 0x01: Turn device on
- 0x02: Play pattern that ramps up and down
- 0x03: Put device into “motor control” mode

Sending anything higher than 0x03 will cause the device to stop working until the host disconnects and reconnects

## Motor Control

If the device is put into “motor control” mode, it can be controlled via writes to the Motor Speed Control characteristic. It is a 2 byte value, though it is currently unknown what the second byte represents.

Value of the first byte is 0x00-0xff, with 0x00 turning motor off, and 0xff setting motor full on.

## Temperature

Temperature is retrieved via a read from the Temperature characteristic. It is a 2 byte value, though it is currently unknown what the second byte represents.

Value of the first byte is temperature, with lower being higher.

## CHAPTER 2

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### Introduction

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This document contains information about Vibratissimo sex toy hardware, and the bluetooth protocol used to communicate with it. This information can be used to access Vibratissimo toys and create new libraries for controlling features and receiving information from them.





## CHAPTER 3

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Donate

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If this project is helpful to you, [please consider donating to our patreon](#), so we can continue to reverse engineer and document sex hardware!



## CHAPTER 4

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### Disclaimer

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The vibrato project is in no way affiliated with Vibratissimo or any of their partners. The documentation and libraries here have been produced via clean room reverse engineering methods, and are provided with no guarantees, as outlined by the license agreement. Usage of these libraries and information is in no way condoned by aforementioned companies, and may void the warranty of your toy.



## CHAPTER 5

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### License

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