

# **Review Report of a Eurorack module**

## **Erica Synths**

### **Black VCA**

**Module version 2**

**Document version 1.00**

**By Garfield Modular**

# Contents

1	Introduction.....	4
2	The module summarised .....	6
2.1	Author's own opinion .....	7
3	Quick overview & facts sheets.....	9
3.1	Document details .....	9
3.2	General module details.....	9
3.3	References .....	10
3.4	Other reference links .....	10
3.5	Module measurements .....	11
3.6	The original box or packaging of the module.....	12
3.7	Look, touch & feel impressions.....	13
3.7.1	Look, touch & feel impressions of the CEs .....	13
3.8	PCB details .....	14
3.9	Power consumption .....	15
3.9.1	Power Consumption Indicators (PCIs).....	15
3.10	Inputs & Outputs (IOs) and Control Elements (CEs) .....	16
3.10.1	Inputs & Outputs (IOs) .....	16
3.10.2	Control Elements (CEs).....	17
3.10.3	Total overview of CEs, IOs and densities .....	17
3.11	Financial Indicators.....	18
4	User interface experience.....	19
4.1	The look & the first impression .....	19
4.2	The touch and the quality .....	19
4.3	The user interface experience .....	19
4.4	The patching.....	19
5	Functionality overview .....	20
5.1	General functionality .....	20
5.2	The VCA functionality .....	21
5.3	The subfunction(s).....	21
5.4	The flow diagram .....	22
6	Audio & sound experience.....	23
6.1	Main function default sound possibilities .....	23
6.2	Sub function sound possibilities.....	23
6.3	Possible interesting sound bits .....	23

# List of figures

Figure 1 - The module summarised .....	6
Figure 2 - The module rated by the author .....	8
Figure 3 - The flow diagram of Erica Synths' "Black VCA" VCA module .....	22

# List of tables

Table 1 - Document details .....	9
Table 2 - General module details .....	9
Table 3 - Module measurements .....	11
Table 4 - Original packaging details of the module .....	12
Table 5 - Look, touch & feel impressions .....	13
Table 6 - Look, touch & feel impressions of the CEs .....	13
Table 7 - PCB details .....	14
Table 8 - Power consumption .....	15
Table 9 - Power Consumption Indicators (PCIs) .....	15
Table 10 - Inputs & Outputs (IOs) overview .....	16
Table 11 - Overview of the CEs .....	17
Table 12 - CE & IO totals and densities overview .....	17
Table 13 - Financial Indicators .....	18
Table 14 - General functionality .....	20
Table 15 - VCA functionality .....	21

# 1 Introduction

Welcome to this report review of **Black VCA** from **Erica Synths**. This module is a single **VCA** that can be used with a linear characteristic or a logarithmic characteristic, or anything in between using the response knob.

For more details, please continue reading the following chapters and paragraphs.

An overall overview and summarise of the module, has been provided in the next chapter 2 - The module summarised. Additionally, the author's own opinion has been provided here.

In chapter 3 - Quick overview & facts sheets it straight away starts with a "quick" overview of perhaps not all but at least about 200 parameters and characteristics (if applicable of course) of the module that's being discussed here in this report review. This chapter just shows the parameters and characteristics with less prose. For a detailed explanation of all parameters and characteristics mentioned, one should check out the Appendices document (Appendix A) that's downloadable from the same Garfield Modular website.

Chapter 4 - User interface experience goes a bit more into the details of the look, touch and impression of the module and of course the user interface experience. For a brief overview without the prose, one might actually like paragraph 3.7 - Look, touch & feel impressions that's very much related to this chapter.

The functionality and the flow diagram of the module has been discussed in more details in chapter 5 - Functionality overview where it might get a bit technical. The reader should note though that this doesn't replace the manufacturer's manual, that is not the goal of this chapter (to be a manual) rather being an add-on information to the module for the reader.

This document discussed so far, a lot of stuff already but perhaps the most important part still hasn't been mentioned. Well indeed, that's to build up the tension, to keep it all till the end exciting 😊. Well, all right then, the last chapter 6 - Audio & sound experience tells the reader a bit more about the audio & sound possibilities and experiences of the module.

How beautiful music can be made with this module or on what kind of sonic crazy adventure one can be taken, that leaves the author up to the musician or the sound engineer that's reading this review! 😊 Having that said, the author still tries to provide a few sound links of some "demo sounds" in this chapter to give at least a rough impression what this module can provide you with.

A side note: the author's intention is to write an as neutral as possible review report, though the writer is a human being too (even if the name is Garfield), so one should keep in mind that at the end it's, though trying to be as neutral as possible, still an own view. This especially applies to the chapters 4 - User interface experience, 6 - Audio & sound experience and of course paragraph 2.1 - Author's own opinion.

No rights can be taken from this review report, neither from typos or wrong mentioned interpretations, translations, wrong source information from websites, or whatsoever.

All rights reserved.

One should note that this review report about the mentioned module, is made from a hobby perspective and as from such point of view this report review should be seen and experienced. One is of course welcome to provide feedback to the author if a review report should contain typos, missing important information and/or errors.

It should also be noticed that this review report is not a user manual for the module being discussed here. For a user manual of the module please refer to the manufacturer's website or if the manufacturer indeed does publish a user manual, the link can be found here 3.3 - References too.

Having that all said, the writer hopes the person who reads this can see this review report as a kind of help or reference for the module that has been reviewed here and hopes that the user enjoys this module.

**TL;DR? → check chapter 2 - The module summarised only**

No TL;DR syndrome signs yet? But don't want to spend ages of time either? → you can read the entire review report up till chapter 6 - Audio & sound experience.

You have all the time of the world? Or you want to know more details on the used parameters and characteristics then the Appendices document is suitable for you too 😊

Please enjoy modular synthesizers and best regards,

Garfield Modular.

P.S.: Garfield Modular is under the same name once and a while active on <https://www.modulargrid.net>

## 2 The module summarised

In the below overview one can find a summarise of the module for a quick overview of the module. After this chapter the extensive details will be further discussed.

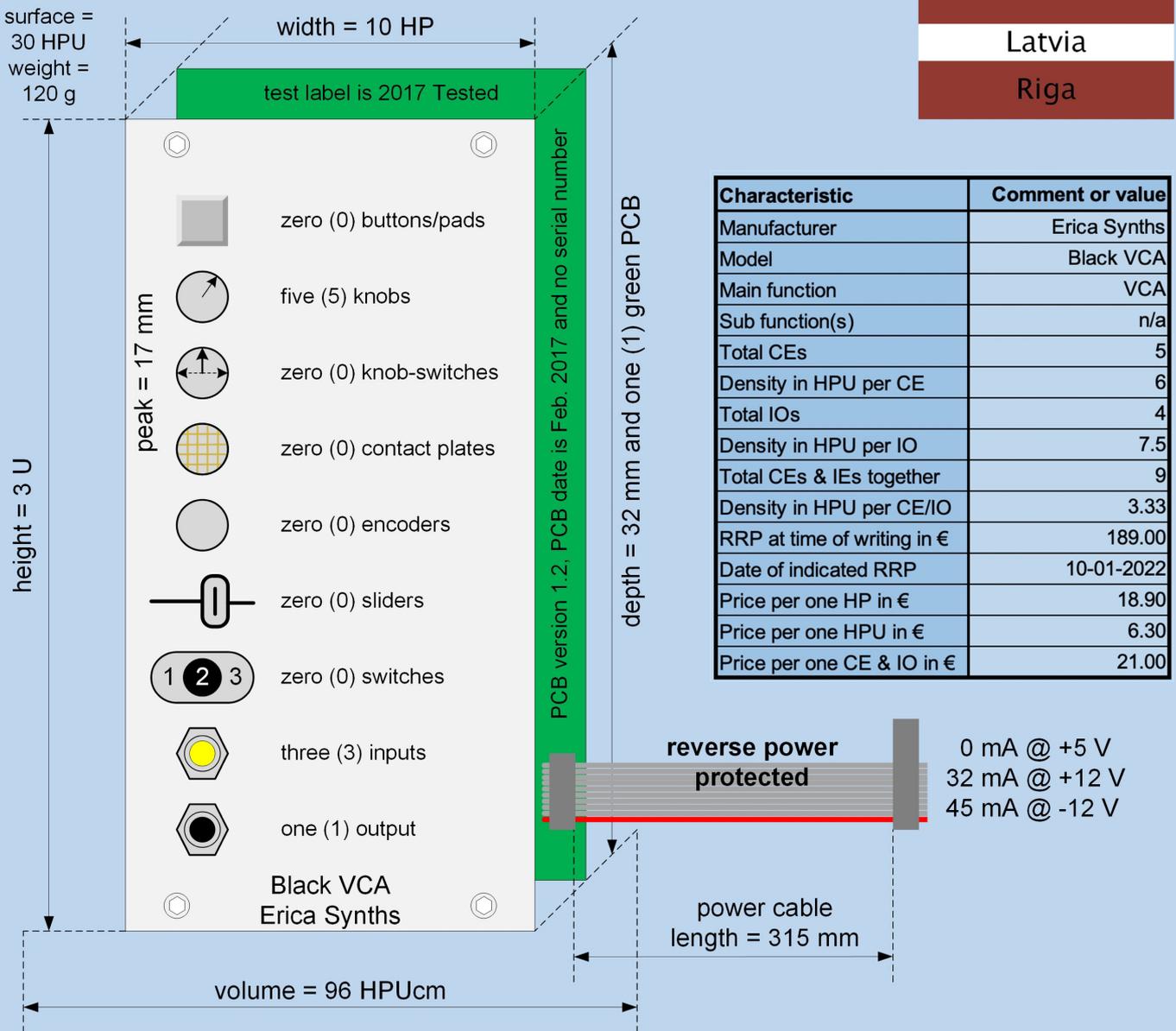


Figure 1 - The module summarised

## 2.1 Author's own opinion

User interface experience and audio, sonic or sound experience is a rather own experience by the author. The author has tried to be as neutral as possible over the entire document with the exception of the below overview of the module gives a view on how the author experiences this module (see the next figure).

On the next page the author's rating of the module can be found. Below here, the pros and cons (from an author's point of view, trying to be neutral though) will be highlighted.

### The pros

- ✓ The characteristic (or "Response" as Erica Synths calls it) of the VCA can be changed from linear to algorithmic or anything in between with the response knob
- ✓ A good user interface, 10 HP for just a single VCA and including a large Bias knob
- ✓ 5 LED bar output level indicator
- ✓ A nice long power cable has been provided

### The cons

- ✗ The price performance is rather disappointing
- ✗ The gain is not as much as it could/should have been<sup>1</sup>

### The neutral points

- This is a single VCA

The fact that the Black VCA is a single VCA only, depending on one's requirements and wishes, can be seen as a pro or as a con. The possible, however obvious, con is that for that space one gets "only" one VCA. The less obvious, however possible, pro is that due to the fact that it's "just" a single VCA, many inputs, outputs and knobs are available for just one single VCA and that on a very comfortable 30 HPU front panel. The author didn't want to decide for the reader and leaves it up to the reader to decide.<sup>2</sup>

---

<sup>1</sup> The VCA rather works as an attenuverter-VCA than as an amplifier-VCA, meaning that the gain is "only" from -80 dB till 0 dB and not for example till +10 dB. Or putting it simple: in certain situations, this VCA is not able to amplify the signal enough.

<sup>2</sup> In the next figure where the author rates this module this neutral point shines thru rather a bit as a slightly con when one holds it against the price-performance factor. Trying to keep this paragraph as neutral as possible, the author decided to put it here as a neutral point.

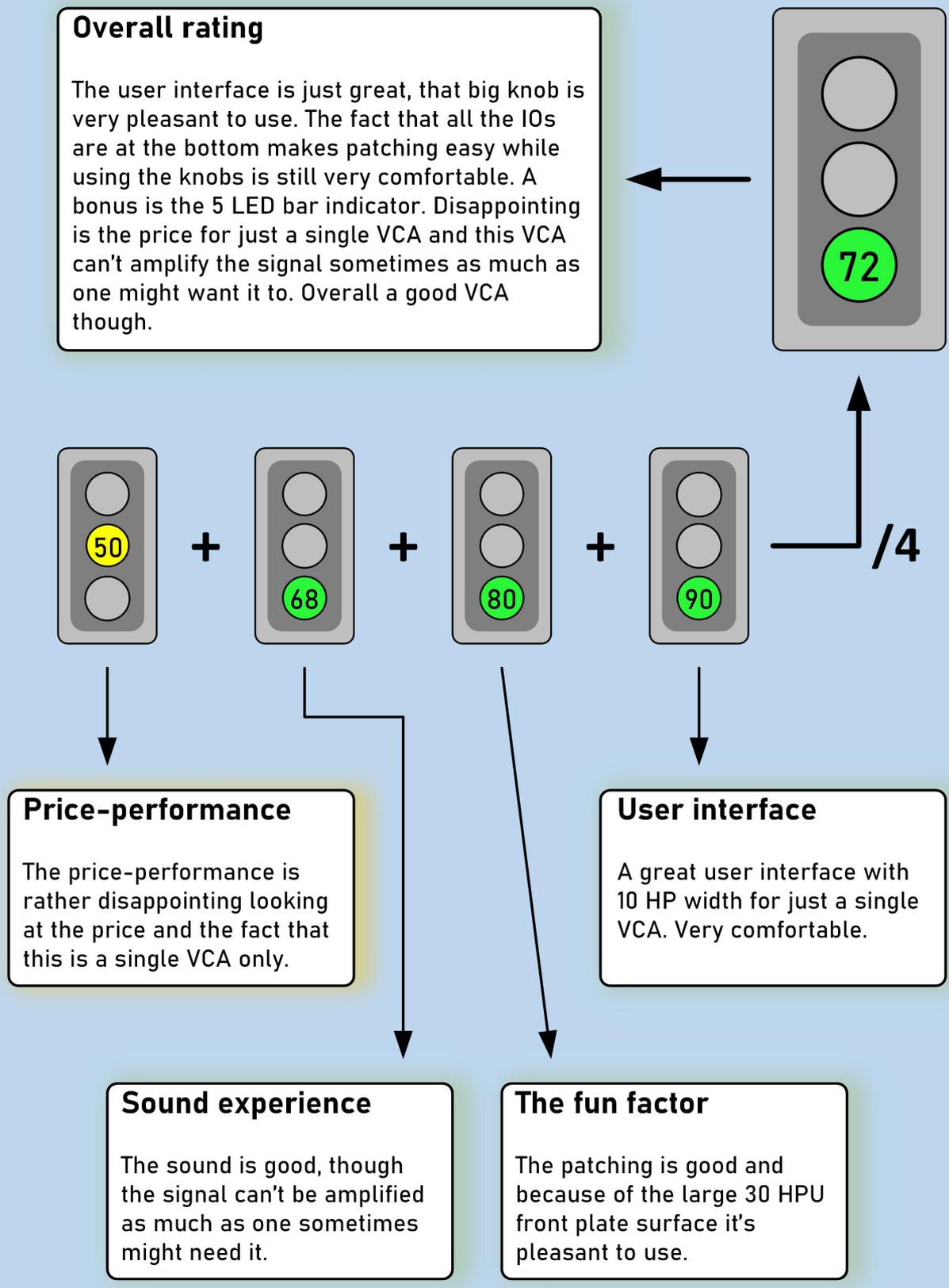


Figure 2 - The module rated by the author

### 3 Quick overview & facts sheets

For detailed explanations of all the values and parameters indicated and used here, please refer to the Appendices document, downloadable from the same Garfield Modular website.

#### 3.1 Document details

In the below table the document details of this review report have been displayed.

Characteristic	Comment or value	In unit or comment
Date started the review	09-01-2022	dd-mm-yyyy
Date finished the report	23-01-2022	dd-mm-yyyy
Review Report version	<b>1.00</b>	
Review Report number	BP_RR_ES_004	
Latest update date	23-01-2022	dd-mm-yyyy
Appendix A version	<b>1.26</b>	

**Table 1 - Document details**

#### 3.2 General module details

General module details can be found in the below table.

Characteristic	Comment or value
Manufacturer, full name	Erica Synths
Manufacturer, short name	Erica Synths
Manufacturer, country of origin	Latvia
Manufacturer, state of origin	n/a
Manufacturer, HQ town	Riga
Manufacturer, founder(s)	Ģirts Ozoliņš
Founded in	2013
Module name, full	Black VCA
Module name, short	Black VCA
Main function	VCA
Sub function(s)	n/a
Version/release	2
In co-operation with	n/a

**Table 2 - General module details**

### 3.3 References

Manufacturer page	<a href="https://www.ericasyths.lv/">https://www.ericasyths.lv/</a>
Manufacturer module's link	<a href="https://www.ericasyths.lv/shop/eurorack-modules/by-series/black-series/black-vca-v2/">https://www.ericasyths.lv/shop/eurorack-modules/by-series/black-series/black-vca-v2/</a>
Manufacturer manual link	At the almost bottom of the above link, the manual link can be found
Manufacturer YouTube link	There is no manufacturer's video link available
ModularGrid.net module link	<a href="https://www.modulargrid.net/e/erica-synths-black-vca-v2">https://www.modulargrid.net/e/erica-synths-black-vca-v2</a>
Garfield Modular review report link	<a href="https://garfieldmodular.net/index.php/erica-synths/erica-synths-black-vca-v2/">https://garfieldmodular.net/index.php/erica-synths/erica-synths-black-vca-v2/</a>
Garfield Modular sound link	See chapter 6 - Audio & sound experience

### 3.4 Other reference links

In alphabetic order of the reviewer a few links about this particular modular:

No demo videos have been found on YouTube for this particular module.

### 3.5 Module measurements

Module measurement details have been reflected in the below “measurements” table.

<b>Module measurements</b>	<b>Value</b>	<b>In unit or comment</b>
Module height	3	U
Module width	10	HP
Module depth	32	mm
Module peak	17	mm
Module front plate thickness	2.4	mm
Module (front plate) surface	30	HPU
Module volume	96	HPUcm
Module full volume	154.2	HPUcm
Module weight	120	gram (g)
Module versus packaging	69.77	%
Weight per one mm	3.8	g/mm
Weight per one U	40	g/U
Weight per one HP	12	g/HP
Weight per one HPU	4	g/HPU
Weight per one HPUcm	1.25	g/HPUcm
Weight per one full HPUcm	0.78	g/HPUcm

**Table 3 - Module measurements**

### 3.6 The original box or packaging of the module

The details of the original box or packaging of the module are provided in the below table.

Characteristic	Comment or value	In unit or comment
Original packaging	carton box	
Main colour(s) of packaging	light brown	
Inside packaging of the module	packaging material	
Original packaging width	196	mm
Original packaging depth	105	mm
Original packaging height	53	mm
Original packaging volume	1090.7	cm <sup>3</sup>
Original packaging weight	172	g
Packaging versus module	143.33	%
Number of rack screws	4	
Screw colour	black	
Screw type	hex socket 2.0	
Number of washers	n/a	
Washer colour	n/a	
Number of manual pages	2	pages
Power cable included?	Yes	
Serial number provided?	No	
Sticker included?	one Synthesizers	With Passion
Other items	one Allen/Inbus	key

**Table 4 - Original packaging details of the module**

Usually, Erica Synths Black modules in their original boxes are accompanied by hex socket screws size 2.0, an Allen/Inbus key and with this module another sticker had been included, the “Erica Synths – Synthesizers With Passion” sticker instead of the usual “Tuna The Cat” sticker other than that pretty much the same as any other Black module from Erica Synths though.

No washers though and the module “hangs” kind of “naked” (meaning nothing has been wrapped around the module for protection) in the protection material provided in the box. The black screws are provided in a small plastic zip lock bag together with the Allen/Inbus key. A small manual and a power cable completes the offer.

### 3.7 Look, touch & feel impressions

In the below table characteristics of the look, touch & feel impressions can be found regarding the module.

Characteristic	Value	Comment
Front panel material	aluminium	
Front text colour(s)	black	
Logo colour(s)	black	
Background colour(s)	white	
Number of LEDs and/or lights	3 green, 2 red &	1 yellow LEDs
Brightness	medium	
Dimmable brightness?	no	
Can lights be switched off?	no	
Self-illuminating?	not really	
Screen	n/a	
Usage's directness	direct	
Patch cables' position	bottom only	

**Table 5 - Look, touch & feel impressions**

For details about the look, touch & feel impressions as well as the user interface experience, please refer to chapter 4 - User interface experience.

#### 3.7.1 Look, touch & feel impressions of the CEs

The characteristics/impressions of the CEs regarding look, touch & feel are reflected in the below table.

Characteristic / CE type	Knob type 1	Knob type 2
Diameter or length in mm	23	15
Positions or values	n/a	n/a
Colour(s)	black	black
Value indicator colour	white line	white line
Push-able?	n/a	n/a
Usage	medium	medium
Accessibility	very good	good
Other characteristics	n/a	n/a

**Table 6 - Look, touch & feel impressions of the CEs**

For more information on CEs please also refer to 3.10.2 - Control Elements (CEs).

### 3.8 PCB details

In the below table the PCB details have been reflected.

Characteristic	Comment or value	In unit or comment
Number of PCBs	1	
PCB colour	green	
PCB version	1.2	version
PCB model/type/others	n/a	
PCB date	Feb. 2017	mmm. yyyy
Test label date	2017 Tested	
Boxed pin header?	yes	
Number of jumpers	n/a	
Serial number provided?	no	
Number of vacuum tubes	n/a	
Based on technology	ST:1*TL072C, 5*TL074C & NS:1*LM13700M	
µSD card position	n/a	
µSD card capacity, if provided	n/a	GB

**Table 7 - PCB details**

On the PCB, one can find the following ICs (for this PCB version 1.2):

- ❖ one ST - TL072C
- ❖ five ST - TL074C
- ❖ one National Semiconductors - LM13700M

The PCB version is 1.2 however the module has been sold by retailers as version 2, hence the module version is 2 (and not 1.2).

### 3.9 Power consumption

The power consumption details are provided in the below table.

Characteristic	Comment or value	In unit or comment
Power cable length	315	mm
Power cable type	10	pole wire
Reverse power protection	yes	
Power consumption at -12 V	32	mA
Power consumption at +5 V	n/a	mA
Power consumption at +12 V	45	mA

**Table 8 - Power consumption**

#### 3.9.1 Power Consumption Indicators (PCIs)

In the following table, rather for fun than for a good meaning or reason, other than perhaps the power consumption per HP, are the power consumption indicators (PCIs) provided. For pricing related values please refer to the 3.11 - Financial Indicators paragraph.

PCI	Value	In unit
for -12 V, per gram (weight)	267	µA/g
for +5 V, per gram (weight)	n/a	µA/g
for +12 V, per gram (weight)	375	µA/g
for -12 V, per HP (width)	3.2	mA/HP
for +5 V, per HP (width)	n/a	mA/HP
for +12 V, per HP (width)	4.5	mA/HP
for -12 V, per CE	6.4	mA/CE
for +5 V, per CE	n/a	mA/CE
for +12 V, per CE	9	mA/CE
for -12 V, per IO	8	mA/IO
for +5 V, per IO	n/a	mA/IO
for +12 V, per IO	11.25	mA/IO
for -12 V, per CE & IO	3.56	mA/CE & IO
for +5 V, per CE & IO	n/a	mA/CE & IO
for +12 V, per CE & IO	5	mA/CE & IO

**Table 9 - Power Consumption Indicators (PCIs)**

## 3.10 Inputs & Outputs (IOs) and Control Elements (CEs)

### 3.10.1 Inputs & Outputs (IOs)

In the below table the Inputs and Outputs (IOs) are given. The first few rows (Audio up till Trigger) are focussed on mini-jacks (3.5 mm) only; after that possible other connection types follow. The same for the outputs.

Inputs & Outputs (IOs)	Inputs	Outputs	Comment
Audio	1	1	mini-jacks
CV	2	n/a	mini-jacks
Clock	n/a	n/a	mini-jacks
Gate	n/a	n/a	mini-jacks
Reset/sync	n/a	n/a	mini-jacks
Trigger	n/a	n/a	mini-jacks
Others	n/a	n/a	
Jack 6.35 mm	n/a	n/a	
MIDI	n/a	n/a	
RJ-45 (Ethernet)	n/a	n/a	
USB	n/a	n/a	
XLR	n/a	n/a	
Rear side connection(s)	n/a	n/a	
<b>Total IOs</b>	<b>3</b>	<b>1</b>	n/a

**Table 10 - Inputs & Outputs (IOs) overview**

### 3.10.2 Control Elements (CEs)

The number of control elements (CEs) per control element can be found in the below table.

Control Elements (CEs)	Number of CEs
Buttons	n/a
Contact plates	n/a
Encoders	n/a
Knobs	5
Knob-switches	n/a
Pads	n/a
Sliders	n/a
Switches	n/a
<b>Total CEs</b>	<b>5</b>

Table 11 - Overview of the CEs

### 3.10.3 Total overview of CEs, IOs and densities

The total number of CEs, IOs and also putting them together as a total combination of CEs & IOs can be found in the below table. The module density has been provided too, meaning that per one CE, IO or CE & IO the average HPU has been mentioned.

Totals & Densities	Total	Density in HPU per CE or IO
Total CEs	5	6
Total inputs	3	10
Total outputs	1	30
Total IOs	4	7.5
<b>CEs &amp; IOs together</b>	<b>9</b>	<b>3.33</b>

Table 12 - CE & IO totals and densities overview

### 3.11 Financial Indicators

Beside the price (RRP) and the date that the price has been retrieved from the Internet, several parameters have been reflected against the price in the below table. Some are less interesting; some might be interesting to certain readers. Instead of providing only a few parameters (which ones?), it has been decided to provide as many as possible already obtained parameters, against the price, just for fun 😊

<b>Financial Indicators</b>	<b>Amount in €</b>	<b>In unit</b>
<b>RRP at moment of writing</b>	<b>189.00</b>	<b>Euro</b>
Date of indicated RRP	10-01-2022	dd-mm-yyyy
Price per one U	63.00	Euro/U
<b>Price per one HP</b>	<b>18.90</b>	<b>Euro/HP</b>
<b>Price per one HPU</b>	<b>6.30</b>	<b>Euro/HPU</b>
Price per one mm	5.91	Euro/mm
Price per one HPUcm	1.97	Euro/HPUcm
Price per one full HPUcm	1.23	Euro/HPUcm
Price per one gram	1.58	Euro/g
Price per mA for -12 V	5.91	Euro/mA (-12 V)
Price per mA for +5 V	n/a	Euro/mA (+5 V)
Price per mA for +12 V	4.20	Euro/mA (+12 V)
Price per one button	n/a	Euro/button
Price per one contact plate	n/a	Euro/contact plate
Price per one encoder	n/a	Euro/encoder
Price per one knob	37.80	Euro/knob
Price per one knob-switch	n/a	Euro/knob-switch
Price per one pad	n/a	Euro/pad
Price per one slider	n/a	Euro/slider
Price per one switch	n/a	Euro/switch
Price per one CE	37.80	Euro/CE
Price per one input	63.00	Euro/input
Price per one output	189.00	Euro/output
Price per one IO	47.25	Euro/IO
<b>Price per one CE &amp; IO</b>	<b>21.00</b>	<b>Euro/CE &amp; IO</b>

**Table 13 - Financial Indicators**

## 4 User interface experience

Even before one has installed the module or at the very least before one starts to read the manual and even patched the module, one of the first things one usually does is touching a few knobs, how it feels, pull a switch or press a button. This first impression is pretty important and though non-technical, it can provide already a first judgement of the module even before really start using it. This chapter is about that first impression with the focus on the user interface experience.

Please note that many characteristics and parameters have already been discussed in detail in the paragraph 3.7 - Look, touch & feel impressions and will therefore not be repeated here again, unless needed to discuss another aspect of the user interface experience.

### 4.1 The look & the first impression

This is a module from the Erica Synths – Black series, hence a typical black background, white text & logos and a comfortable layout and user interface with 10 HP width.

### 4.2 The touch and the quality

This Erica Synths – Black module has a good build quality as most Erica Synths modules from the Black series do.

### 4.3 The user interface experience

A great user interface experience as usual with the Erica Synths – Black series and this module is no exception to that matter. The knobs feel good, sturdy but turning them is not too firm. There is one large knob that has plenty of space and therefore very good to handle. The other four knobs are a bit smaller, still good till great to use however a little bit less space around them, still nice to use. The 10 HP width gives enough space to use all five knobs for the user over a surface of 30 HPU.

### 4.4 The patching

The patching is usually good with Erica Synths – Black modules and with this particular module it's even very good. The inputs and the (audio) output is are all at the bottom provides this module a great user interface experience and patching is simple because it's all at the bottom of the module.

## 5 Functionality overview

The main functionality of this Erica Synths - Black VCA module is a VCA. In the next paragraph a very general view on some common functionality will be mentioned. The following paragraph however, the VCA functionality will be specifically displayed in details.

In the paragraph thereafter a rough indicative flow diagram of the module will be provided for a better understanding of where the inputs (if any) flow through the module from a schematic/flow diagram point of view towards the outputs. The author might sometimes refer to this flow diagram, to make matters easier to understand.

To see this module in action, please refer to the (video) links provided in paragraph 3.4 - Other reference links, it's not an extensive list of all available demos however just a few main links found by the author.

For general information about this module like the manual or manufacturer's website and a link to modulargrid.net please refer to the paragraph 3.3 - References.

For a detailed explanation on all parameters and characteristics mentioned in this chapter please refer to the Appendices document, Appendix A.

### 5.1 General functionality

In the below table the general functionality of this module has been listed, for more details please refer to paragraph 5.2 - The VCA functionality.

Characteristic	Comment or value
Main function	VCA
Sub function(s)	n/a
Analogue or digital	analogue
Digital sample rate in kHz	n/a
Digital sample depth in bits	n/a
Chainable	n/a
Designer	n/a
Multiple	single VCA
Bleeding	n/a
Trimmer - calibration	n/a

**Table 14 - General functionality**

## 5.2 The VCA functionality

In this paragraph the **VCA** functionality will be discussed for this particular module.

The details specifically for this reviewed module's **VCA** functionality have been mentioned in the following table.

Characteristic	per CE	per IO	Comment or value
Input	n/a	1 input	DC or AC
Input level	1 knob	n/a	
Coupled	2 knobs	1 CV in	DC or AC coupled
Linear VCA gain	n/a	n/a	
Exponential VCA gain	n/a	n/a	
Parallel or series	n/a	n/a	single VCA only
Output	n/a	1 output	
Output level	2 knobs	1 CV in	-80 dB till 0 dB

**Table 15 - VCA functionality**

Due to the Response knob and the related CV2 input, this VCA can be used either for CVs (linear, knob completely to the left, i.e. completely anti-clockwise) or for audio (logarithmic, knob completely to the right, i.e. completely clockwise). The beauty is that it doesn't have to be pure linear or pure logarithmic, anything in between is possible too.

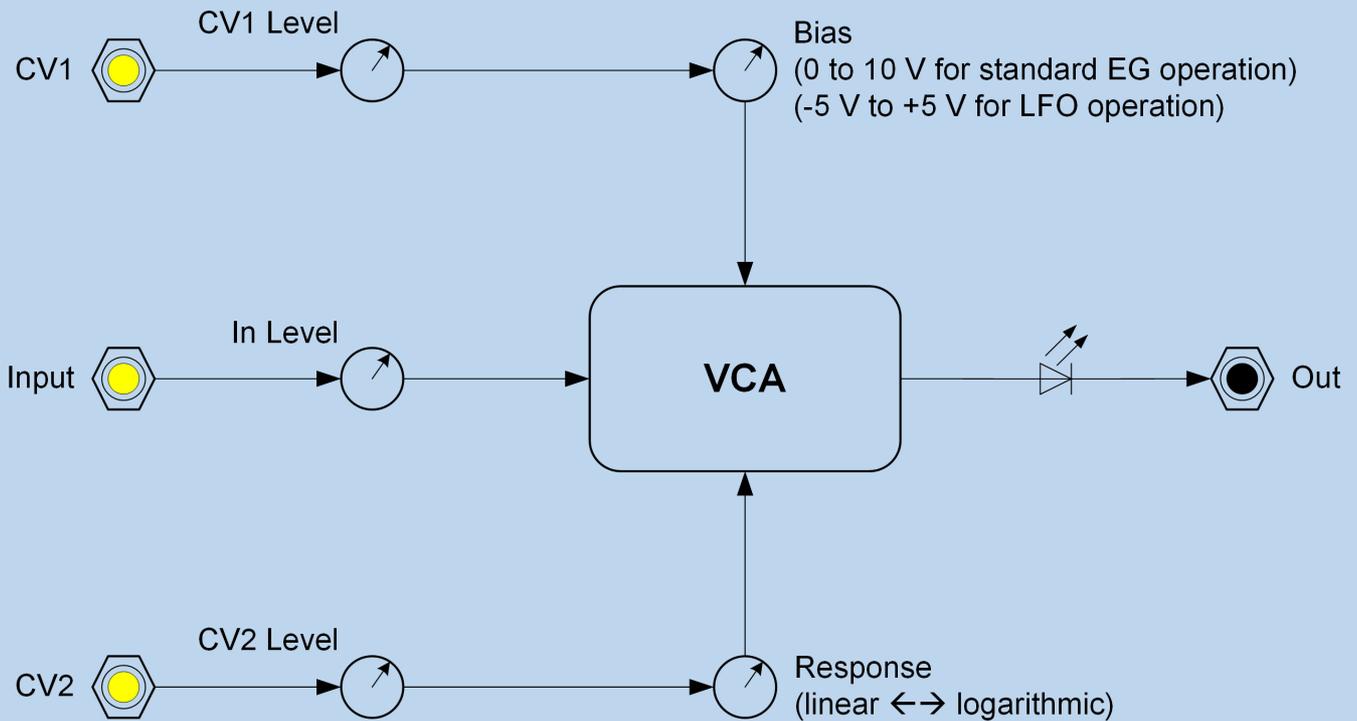
## 5.3 The subfunction(s)

This particular module has beside the **VCA** main function no subfunction functionality.

### 5.4 The flow diagram

In the figure here below, one can find the rough flow diagram of this module. It is not meant to be extremely extensive or till the very last bit accurate diagram however the idea behind it is to provide the reader a quite good idea of how the signals, of this module, are being processed, where CEs come into place and where in the flow diagram the IOs can be found.

Or to summarise this: A pictures says more than one thousand words can explain.



<b>Manufacturer Erica Synths</b>	Created on 18-01-2022
<b>Module Black VCA v2</b>	Last update 18-01-2022
© 2022 Diagram by Garfield Modular	Version 1.00

Figure 3 - The flow diagram of Erica Synths' "Black VCA" VCA module

## 6 Audio & sound experience

For the combination of a video demo with sound, naturally, for example, a YouTube video can be checked out for this module; see paragraph 3.4 - Other reference links.

This chapter is rather about audio, sound, sonic, noise, whatever one would like to call it 😊.

Not unimportant for a module is how does it sound? The user interface experience has already been discussed as well as the functionality but it's about time to talk about the sound that this module can produce.

### 6.1 Main function default sound possibilities

The module itself doesn't produce any sound by itself since it's a VCA. That's the reason why the author didn't make any sound or noise sample or patch. Naturally every VCA has its own sound characteristic however other than that there is nothing really to demonstrate about it.

### 6.2 Sub function sound possibilities

This module doesn't have any sub functions and therefore not applicable for this particular module.

### 6.3 Possible interesting sound bits

Besides the default or standard sound possibilities, in this paragraph the more interesting "bits" will be mentioned.

This paragraph is not applicable for a VCA module.