# Conformity Declarations

V1.0 - 12.01.2023

## CE DECLARATION OF CONFORMITY

**Manufacturer:**

**Frédéric Meslin Audiogeräte - Fred‘s Lab**
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53115 Bonn / Germany
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Telephone: +49 228 53451657 (office hours)

**Product Name:**

Manatee Synthesizer

**Model Number(s):**

EAN: 4170000145219

**Description:**

Desktop Electronic Music Synthesizer
Belonging to the category “multimedia electronic equipment”

**Frédéric Meslin Audiogeräte, declare under his sole responsibility that the above-mentioned product complies with the following directives and regulations:**

- 2014/35/EU - Low Voltage Directive (LVD)
- 2014/30/EU - Electromagnetic Compatibility Directive (EMC)
- 2011/65/EU - Restriction of Hazardous Substances (RoHS) Directive
- 2012/19/EU - Waste Electrical and Electronic Equipment (WEEE) Directive

**Harmonized Standards Applied:**

- EN 55032:2015 / Interference voltage / 150 kHz - 30 MHz
- EN 55032:2015 / Interference field / 30 MHz – 1000 MHz
- EN 61000-4-2:2009 / Immunity to electrostatic discharge (ESD)
- EN 61000-4-3:2006 + A1:2008 + A2:2010 / Immunity to high-frequency electromagnetic radiation
- EN 61000-4-4:2012 / Immunity to fast transient electrical disturbances
- EN 61000-4-5:2014 / Interference immunity against surge voltages
- EN 61000-4-6:2014 / Immunity to conducted interference induced by HF fields
- EN 61000-4-11:2004 / Immunity to voltage dips, short-term interruptions and voltage fluctuations
- EN 61000-4-8:2010 / Immunity to magnetic fields with energy frequencies *

* The Manatee does not contain any components that are sensitive to magnetic fields. The test is therefore not required according to EN 55035.

**Testing Laboratory:**

**EMV Transferstelle**
Hochschule Koblenz
Konrad Zuse Straße 1
56075 Koblenz / Germany

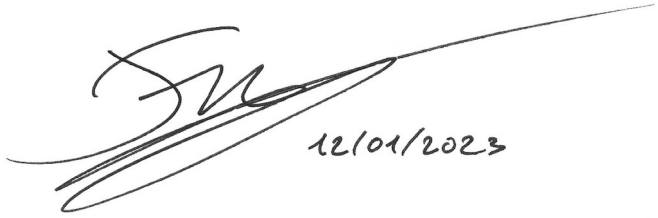
**Additional Information:**

The product has been tested by the specified independent laboratory in accordance with the above-listed harmonized standards and meets all applicable requirements.

Report: Testreport 1511/ 2023

**Place and Date of Issue:**
Bonn / Germany – 12/01/2023

**Name and Signature:**




**Frédéric Meslin**
Fred's Lab owner & lead engineer

# Canada: Interference Regulation

This device does not exceed the **Class B** limits for radio noise emissions from digital apparatus set out in the **Interference-Causing Equipment Standard (ICES-003)** of the Canadian Department of Communications.

Cet équipement n'émet pas de bruits radiofréquence dépassant les limites applicables aux appareils numériques de la **Classe B** prescrites dans le r**èglement sur les interférences radioélectriques (ICES-003)** édicté par le Ministère des Communications du Canada.

# USA: FCC Information

This device has been tested and found to comply with the limits for a **Class B digital device,** pursuant to **Part 15** of the **FCC Rules.** These limits are designed to provide reasonable protection against harmful interference in a residential installation. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**Important**: Changes and modifications made to the device without the approval of the manufacturer can void your authority to operate this device.

This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the device and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help