

# Avalon Harmonics PanVCA

**Manufacturer:** Talonair Technologies - Denis Vajak

**Contact Email:** [info@talonairtech.com](mailto:info@talonairtech.com)

**Address / Anschrift:**

Postfach 1133

31158 Bad Salzdetfurth

Germany / Deutschland

## General Safety Information

### 1. Product Identification

- **Avalon Harmonics PanVCA** Eurorack module is manufactured by Talonair Technologies, under the brand name Avalon Harmonics. For any questions, please contact the manufacturer using the contact information at the top of this document.

### 2. Intended Use:

- The module should only be installed in a Eurorack modular synthesizer rack, with a Eurorack standard power supply.
- The module should not be used with any other type of modular system.

### 3. Warnings and Cautions:

- Do not expose the module to liquids, rain, or moisture. Doing so may cause product failure.
- Use only a Eurorack standard power supply with the module. Incorrect voltage may result in fire or electrical shock.
- Keep the module away from heat sources, such as radiators, stoves, or other devices that produce high amounts of heat.
- Ensure that the power connection is secure and that the module is properly installed inside the rack before powering it on.
- Avoid dropping or subjecting the module to strong impacts, which may damage components.
- Do not bend, crush, or expose the module to excessive force.
- Avoid handling the module in environments with high static electricity to prevent damage to components.
- Unplug the module before cleaning. Use a dry cloth or brush to clean dust. Never use any liquid.

# Handling and Usage

## 1. Operating Instructions:

- The module should be installed into a Eurorack modular synthesizer rack. First plug the module into the Eurorack standard power supply slot with the included cable, and then use the two included screws to affix it to the rack's rails.
- When installing, ensure that the module's internals are not shorted with any metal parts inside the rack, or with any other installed module.
- You may turn the rack on after you have ensured that the module is properly installed.
- The module's jack plugs should not be exposed to any voltages above the Eurorack voltage levels (-12V to +12V).
- For detailed use and application, visit the official website of the module:  
<https://avalon-harmonics.com/module/CVMod4/>

## 2. Power Supply Information:

- The module should be powered using a Eurorack standard power supply. The power supply should have a +12V rail, a -12V rail, and ground.
- In case the supplied power cable is removed from the module, any Eurorack standard 16pin to 10pin power cable may be used. When connecting to the module, orient the cable so that the red line on the cable is aligned with the white line and the text "RED" on the module PCB.
- Current requirements: +12V: 31mA, -12V: 28mA

## 3. Maintenance Instructions:

- In case of malfunction or damage to the module, please contact the manufacturer using the contact information at the top of this document.