INSTALLATION

Ensure that there is enough power left to supply this module.

Beware of the orientation; the stripe on the ribbon cable should match a similar stripe for the –12 (minus 12 Volts) indication on your supply board connector.

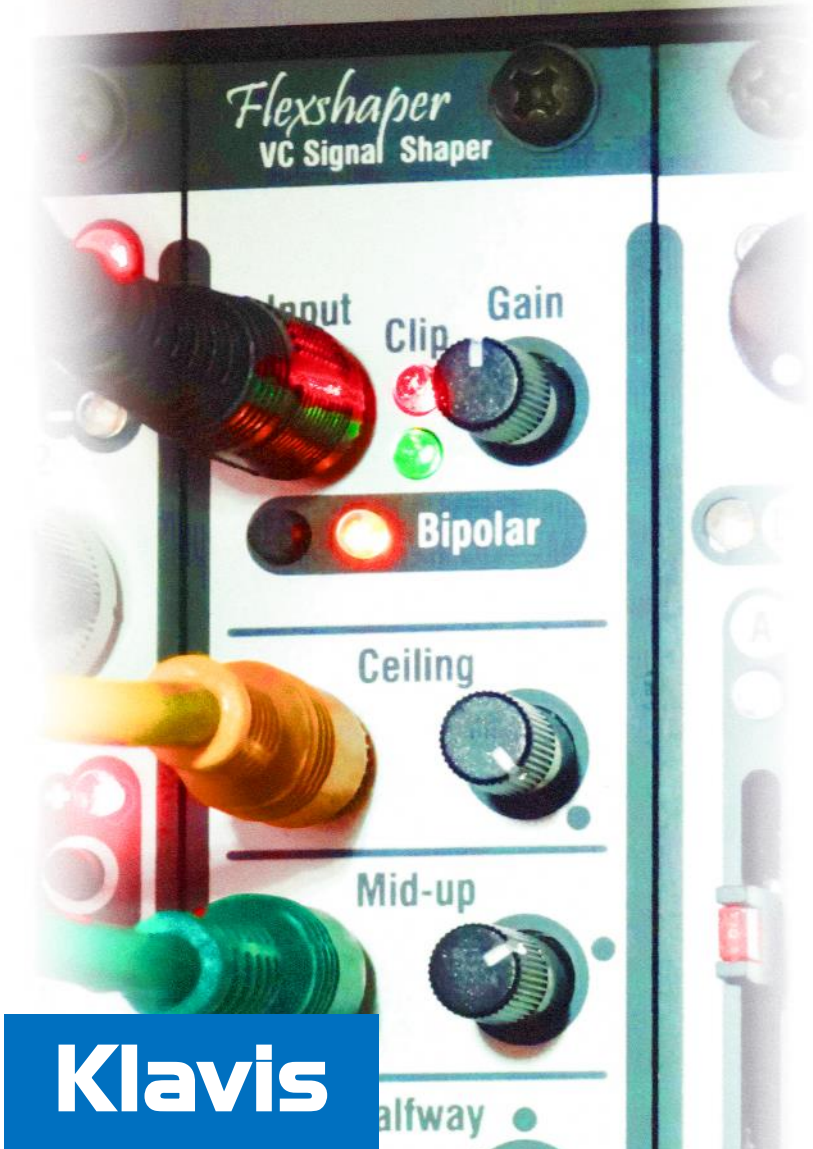
Supply rail	Current draw
+12V	6 mA
- 12V	7 mA
+5V	32 mA

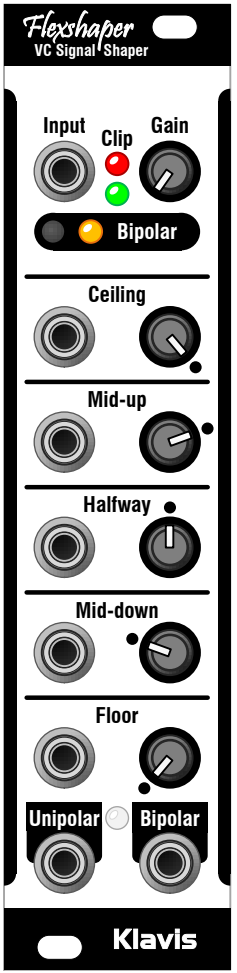
READ ME FIRST

SUPPORT & ADDITIONAL INFO

The complete user manual is available at:
www.klavis.com

Contact us: modular@klavis.com





Features

- Process any signal from DC to full audio range
- Unipolar/bipolar input mode switch
- Nominal & clip level LEDs
- Output signal LED
- Input gain setting for nominal level setting, allows clean flat clipping when overdriven
- Five manual voltage mapping potentiometers
- Five CV control of the voltage mapping points
- Simultaneous unipolar and bipolar signal outputs
- Firmware update via a simple audio file
- Compact and skiff-friendly module

Flexshaper

CV-controlled voltage-mapper and waveshaper

The Flexshaper is a highly versatile module when it comes to modify evolving voltages in other directions and levels. Five settings allow you to fold/expand/clip/compress/invert partially or completely any control or audio signal. The module can act as an envelope-shaping tool, frequency multiplier, waveshaper, clipper, distortion, limiter, curve changer, and more. Five CV inputs offer limitless control over the placement of the voltage points for dynamic signal sculpting.

The idea of the Flexshaper comes from a feature in the Oberheim© Matrix synthesizers called Tracking Generator. This signal processor was part of the modulation matrix and meant to be “inserted” between modulation sources and destinations in order to change the shape of a controlling signal. The Flexshaper applies the same concept using the same 5 shaping points. However, it goes beyond Oberheim’s implementation on two main aspects: it goes fast enough to process signals at full audio rate; the 5 points are dynamically adjustable (CV) in real-time. Besides, the Flexshaper can process bipolar and unipolar signals in the voltage ranges typical of Eurorack.