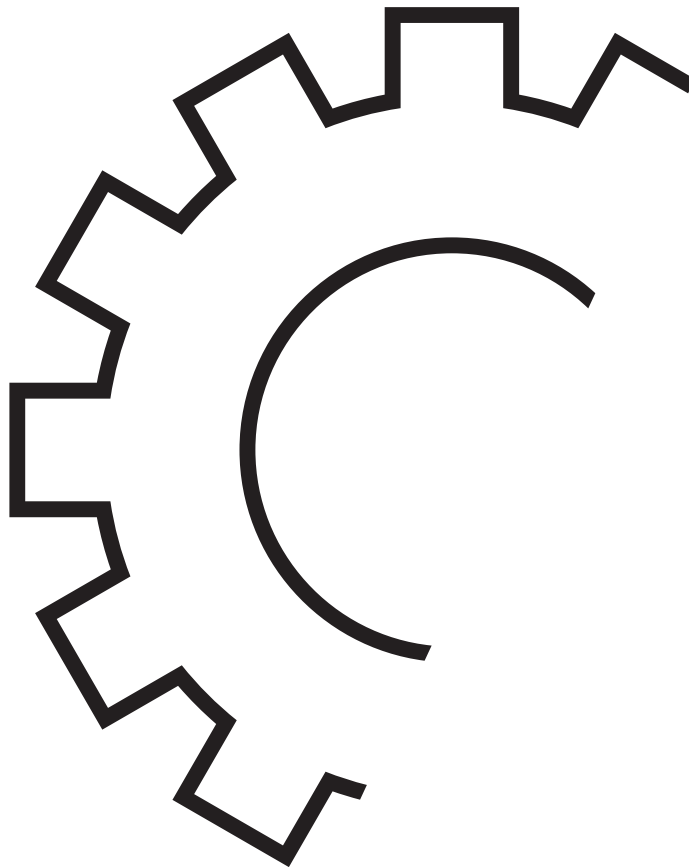




**F-106**  
Juno Filter  
(Micro Mode Series)



**User Manual**  
**November 2012**

**1. Knobs, buttons & LED**

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**1. Knobs ,buttons & LED**



## **2. Product description**

Thank you for your purchase of the MODE MACHINES F-106 "Juno-Filter". This is an analog device based on some of the original circuitry of the famous Juno 106. You can use the F-106 to modulate audio signals and also connect external devices using the CV inputs to control the functions of the unit.

### KNOBS:

- CUTOFF: will adjust the cutoff of the lowpass filter
- RESONANCE: will adjust the resonance (feedback) of the filter
- VCA: will adjust the audio output level

### SWITCHES:

- 24dB / 12dB: will select the filter type , 24 or 12dB/OCT
- SELF OSC: will enable self-oscillation
- POWER: turns unit on/off

### Connections:

- AUDIO OUT: audio output 6.35mm mono jack
  - AUDIO IN: audio input 6.35mm mono jack
  - FREQ-CV: input for cutoff (0 – 5V) 3.5mm mono jack
  - RESO-CV: input for resonance (0 – 5V) 3.5mm mono jack
  - VCA-CV: input for VCA (0 – 5V) 3.5mm mono jack
  - POWER: 12 to 20VDC input. + on center pin.
- 
- Power consumption: <100mA @ 12VDC
  - Audio: ~30Hz to >15KHz

**3. Downloads**



**Dear customer,**

we have provided an extensive offer of free data to download on our website. Here you can find all pictures and documents of the required products.

Product-related you can find all instructions to the respective products also in other languages. These are provided as a PDF file free of charge to download.

We are happy to offer you any time an extensive service.  
If there are any questions for a product or a question including the manual you please send us an e-mail. We are happy to help you!

[info@modemachines.com](mailto:info@modemachines.com)



Control Panel  
F-106 Juno Filter

#### **4. Social Media**

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